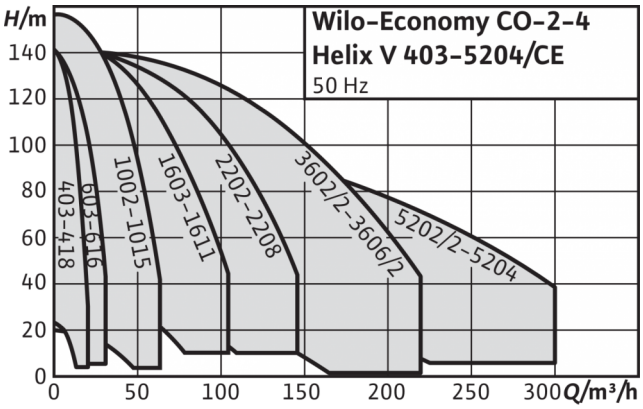
Series description: Wilo-Economy CO-Helix V.../CE

Wilo-Economy CO-Helix V.../CE

Wilo-Economy CO-Helix V.../CE



Construction

Pressure-boosting system with 2 to 4 parallel-switched, non self-priming, vertical high-pressure multistage centrifugal pumps made of stainless steel. Ready for connection with stainless steel pipework, mounted on a base frame, including control device with all necessary measurement and adjustment equipment.

Application

- Fully automatic water supply and pressure boosting in inlet mode, either from the public water supply network or from a tank, for domestic, commercial, industrial and municipal applications (e.g. residential, office, administration buildings, hotels, hospitals, trades, industry, water supply companies).
- Pumping of drinking water and process water, cooling water, fire water (apart from fire-extinguishing systems in accordance with DIN 14462 and with the approval of the local fire safety authorities) or other types of industrial water that do not attack the materials either chemically or mechanically and do not contain abrasive or long-fibre constituents.

Equipment/function

- 2-4 pumps per system of the Helix V 4 to Helix V 52 series with IE3 standard motor
- Automatic pump control by means of Economy CE control
- Parts that come in contact with the fluid are corrosion-resistant
- Zinc-coated steel base frame with height-adjustable vibration absorber for insulation against structure-borne noise
- Pipework made of 1.4301 stainless steel
- Shut-off device on the suction and pressure sides of each pump
- Non-return valve on the pressure side of each pump
- Pressure sensor, on the discharge side
- Optional pressure gauge (suction side)
- Pressure gauge (discharge side)
- Optional low-water cut-out switchgear

Scope of delivery

- Factory-mounted, ready-for-connection pressure-boosting system checked for functionality and impermeability
- Packaging
- Installation and operating instructions

Type key

Example:	**Wilo-CO-2 Helix V 405/CE**
CO	Compact pressure-boosting system
2	Number of pumps
Helix V	Pump series
4	Rated volume flow of the single pump [m^3/h]
05	Number of single pump stages
CE	Control unit; CE=Controller Economy

Your advantages

- Heavy-duty system which satisfies all the requirements of DIN 1988 (EN 806)
- WRAS/ KTW/ ACS approval of the pumps for all parts that come in contact with the fluid (EPDM version)
- High-efficiency pump hydraulics of the Helix V series in conjunction with IE3 IEC standard motors
- The spacer coupling enables the mechanical seal to be replaced without dismantling the motor (from 7.5 kW)
- Parts that come in contact with the fluid are corrosion-resistant
- Easily adjustable and operationally reliable due to the CE control device used
- Factory inspection and default setting at optimum operating range (incl. inspection certificate in accordance with EN 10204-3.1)

Series description: Wilo-Economy CO-Helix V.../CE

Technical data

- Mains connection 3~400 V ± 10%, 50 Hz
- Max. fluid temperature 50 °C
- Max. ambient temperature of 40 °C
- Operating pressure 16 bar (25 bar optional)
- Inlet pressure 10 bar
- Nominal connection diameters on discharge side R 1½ - DN 200
- Nominal connection diameter on the intake side R 1½ - DN 200
- Rated speed 2900 rpm
- Protection class IP54 (control device CE)
- Fuse protection A on mains side, AC 3 according to motor power and EVU regulations
- Approved fluids (other fluids on request): Note regarding fluids: Approved fluids are generally waters which do not attack the materials used, neither chemically nor mechanically, and do not contain any abrasive or long-fibre constituents. System in accordance with DIN 1988 (EN 806).
    - Drinking water and hot water
    - Cooling water
    - Firefighting water

Materials

Helix V 4 to Helix V 16

- Impellers, guide vanes, stage housing made of stainless steel 1.4307
- Pump housing of stainless steel 1.4301
- Shaft of stainless steel 1.4057
- Shaft protection sleeve O-ring gaskets made of EPDM
- Pipework made of 1.4301 stainless steel

Helix V 22 to Helix V 52

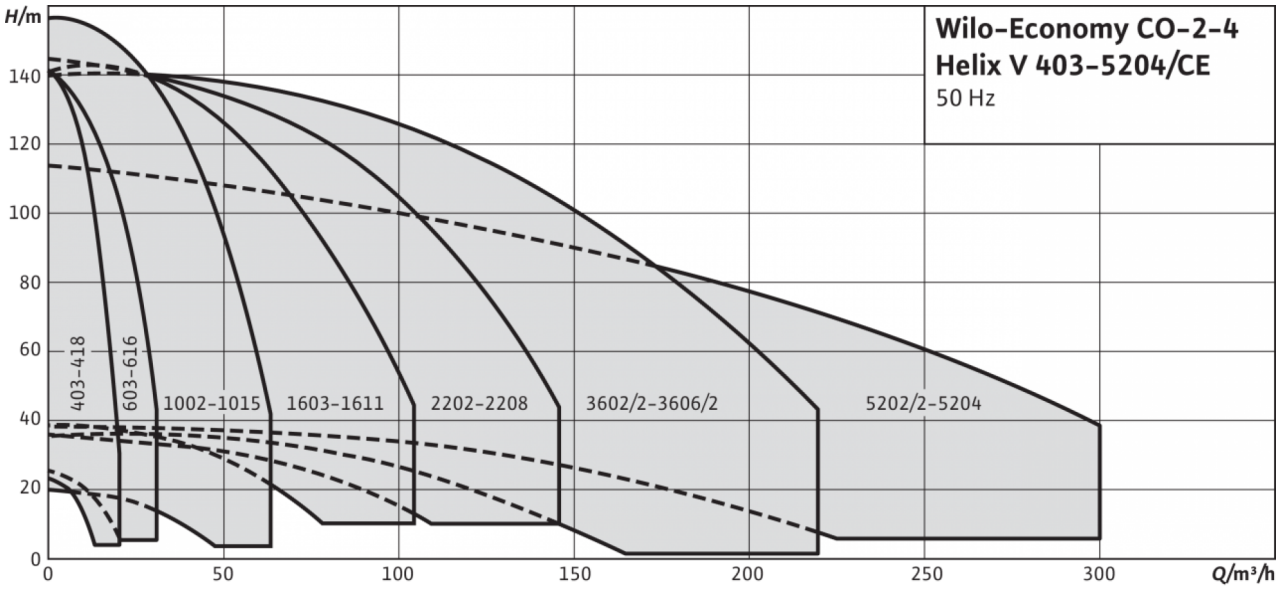
- Impellers, guide vanes, stage housing made of stainless steel 1.4307
- Pump housing made of cataphoretically coated EN-GJL 250 grey cast iron
- Shaft of stainless steel 1.4057
- Shaft protection sleeve O-ring gaskets made of EPDM
- Pipework made of 1.4301 stainless steel

Description/construction

- Base frame: Steel zinc-coated and provided with height-adjustable vibration absorbers for comprehensive insulation against structure-borne noise; other versions on request
- Pipework: entire pipework made of stainless steel; suitable for the connection of all conventional pipe materials used
- The pipework is dimensioned according to the overall hydraulic performance of the pressure-boosting system
- Pumps: 2 to 4 pumps switched in parallel of the Helix V 4 to Helix V 52 series
- All pump parts which come into contact with the fluid are made of stainless steel; other versions on request
- KTW/WRAS/ACS approval for parts that come in contact with the fluid
- Valves: Each pump is fitted on the suction and pressure side with a standard shut-off device with DVGW approval mark and on the pressure side with a DVGW/KTW-approved non-return valve.
- Pressure sensor: 4 to 20 mA, located on the discharge side for control of the central Easy Controller CE
- Pressure display: by means of ø 63 mm pressure gauge on the discharge side
- Additional digital pressure display of the discharge pressure in the alphanumeric LCD ¬Display of the Easy Control CE Controller
- Switchgear: System standard-equipped with Easy Controller CE

Duty chart: Wilo-Economy CO-Helix V.../CE

Wilo-Economy CO Helix V.../CE



Product list: Wilo-Economy CO-Helix V.../CE

Product description	Control	Mains connection	Maximum operating pressure *PN*	Number of standby pumps	System output without standby pump *Q*	Gross weight, approx. *m*	Article number
Economy CO-Helix V.../CE 2202/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	312.0 kg	4122698
Economy CO-Helix V.../CE 2203/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	326.0 kg	4122699
Economy CO-Helix V.../CE 2204/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	391.0 kg	4122700
Economy CO-Helix V.../CE 2205/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	406.0 kg	4122701
Economy CO-Helix V.../CE 2206/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	410.0 kg	4122702
Economy CO-Helix V.../CE 2207/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	414.0 kg	4122703
Economy CO-Helix V.../CE 2208/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	480.0 kg	4122704
Economy CO-Helix V.../CE 3602/2/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	384.0 kg	4138976
Economy CO-Helix V.../CE 3602/1/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	447.0 kg	4138977
Economy CO-Helix V.../CE 3602/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	447.0 kg	4138978
Economy CO-Helix V.../CE 3603/2/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	465.0 kg	4138979
Economy CO-Helix V.../CE 3603/1/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	465.0 kg	4138980
Economy CO-Helix V.../CE 3603/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	465.0 kg	4138981
Economy CO-Helix V.../CE 3604/2/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	537.0 kg	4138982
Economy CO-Helix V.../CE 3604/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	537.0 kg	4138983
Economy CO-Helix V.../CE 3605/2/K/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	566.0 kg	4138984
Economy CO-Helix V.../CE 3605/K/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	566.0 kg	4138985
Economy CO-Helix V.../CE 3606/2/K/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	572.0 kg	4138986
Economy CO-Helix V.../CE 1603/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	167.0 kg	4142458
Economy CO-Helix V.../CE 1604/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	177.0 kg	4142459
Economy CO-Helix V.../CE 1605/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	193.0 kg	4142460
Economy CO-Helix V.../CE 1606/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	195.0 kg	4142461

Product list: Wilo-Economy CO-Helix V.../CE

Product description	Control	Mains connection	Maximum operating pressure *PN*	Number of standby pumps	System output without standby pump *Q*	Gross weight, approx. *m*	Article number
Economy CO-Helix V.../CE 1607/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	233.0 kg	4142462
Economy CO-Helix V.../CE 1608/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	237.0 kg	4142463
Economy CO-Helix V.../CE 5202/2/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	494.0 kg	4142812
Economy CO-Helix V.../CE 5202/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	508.0 kg	4142813
Economy CO-Helix V.../CE 5203/2/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	578.0 kg	4142814
Economy CO-Helix V.../CE 5203/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	578.0 kg	4142815
Economy CO-Helix V.../CE 5204/2/K/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	611.0 kg	4142816
Economy CO-Helix V.../CE 5204/K/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	611.0 kg	4142817
Economy CO-Helix V.../CE 1002/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	135.0 kg	4154084
Economy CO-Helix V.../CE 1003/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	139.0 kg	4154085
Economy CO-Helix V.../CE 1004/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	151.0 kg	4154086
Economy CO-Helix V.../CE 1005/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	157.0 kg	4154087
Economy CO-Helix V.../CE 1006/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	159.0 kg	4154088
Economy CO-Helix V.../CE 1007/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	170.0 kg	4154089
Economy CO-Helix V.../CE 1008/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	172.0 kg	4154090
Economy CO-Helix V.../CE 1009/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	196.0 kg	4154091
Economy CO-Helix V.../CE 1010/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	198.0 kg	4154092
Economy CO-Helix V.../CE 1011/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	200.0 kg	4154093
Economy CO-Helix V.../CE 1012/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	214.0 kg	4154094
Economy CO-Helix V.../CE 1013/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	214.0 kg	4154095
Economy CO-Helix V.../CE 1015/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	218.0 kg	4154096
Economy CO-Helix V.../CE 603/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	10.0 m^3/h	119.0 kg	4162945

Product list: Wilo-Economy CO-Helix V.../CE

Product description	Control	Mains connection	Maximum operating pressure *PN*	Number of standby pumps	System output without standby pump *Q*	Gross weight, approx. *m*	Article number
Economy CO-Helix V.../CE 604/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	10.0 m³/h	125.0 kg	4162946
Economy CO-Helix V.../CE 605/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	10.0 m³/h	129.0 kg	4162947
Economy CO-Helix V.../CE 606/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	10.0 m³/h	131.0 kg	4162948
Economy CO-Helix V.../CE 607/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	10.0 m³/h	141.0 kg	4162949
Economy CO-Helix V.../CE 608/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	10.0 m³/h	143.0 kg	4162950
Economy CO-Helix V.../CE 609/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	10.0 m³/h	149.0 kg	4162951
Economy CO-Helix V.../CE 610/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	10.0 m³/h	158.0 kg	4162952
Economy CO-Helix V.../CE 611/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	10.0 m³/h	160.0 kg	4162953
Economy CO-Helix V.../CE 612/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	10.0 m³/h	168.0 kg	4162954
Economy CO-Helix V.../CE 613/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	10.0 m³/h	170.0 kg	4162955
Economy CO-Helix V.../CE 614/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	10.0 m³/h	172.0 kg	4162956
Economy CO-Helix V.../CE 615/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	10.0 m³/h	172.0 kg	4162957
Economy CO-Helix V.../CE 616/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	10.0 m³/h	194.0 kg	4162958
Economy CO-Helix V.../CE 403/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	7.0 m³/h	114.0 kg	4163473
Economy CO-Helix V.../CE 404/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	7.0 m³/h	116.0 kg	4163474
Economy CO-Helix V.../CE 406/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	7.0 m³/h	122.0 kg	4163475
Economy CO-Helix V.../CE 407/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	7.0 m³/h	126.0 kg	4163476
Economy CO-Helix V.../CE 409/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	7.0 m³/h	128.0 kg	4163477
Economy CO-Helix V.../CE 410/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	7.0 m³/h	142.0 kg	4163478
Economy CO-Helix V.../CE 412/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	7.0 m³/h	144.0 kg	4163479
Economy CO-Helix V.../CE 414/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	7.0 m³/h	152.0 kg	4163480
Economy CO-Helix V.../CE 416/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	7.0 m³/h	157.0 kg	4163481

Product list: Wilo-Economy CO-Helix V.../CE

Product description	Control	Mains connection	Maximum operating pressure *PN*	Number of standby pumps	System output without standby pump *Q*	Gross weight, approx. *m*	Article number
Economy CO-Helix V.../CE 418/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	7.0 m³/h	159.0 kg	4163482
Economy CO-2HELIX V1609/K/CE-03-FF240	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	321.0 kg	4189309
Economy CO-2HELIX V1610/K/CE-03-FF240	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	325.0 kg	4189310
Economy CO-2HELIX V1611/K/CE-03-FF240	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	327.0 kg	4189311
Economy CO-Helix V.../CE 2202/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	500.0 kg	4122705
Economy CO-Helix V.../CE 2203/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	521.0 kg	4122706
Economy CO-Helix V.../CE 2204/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	618.0 kg	4122707
Economy CO-Helix V.../CE 2205/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	640.0 kg	4122708
Economy CO-Helix V.../CE 2206/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	646.0 kg	4122709
Economy CO-Helix V.../CE 2207/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	651.0 kg	4122710
Economy CO-Helix V.../CE 2208/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	752.0 kg	4122711
Economy CO-Helix V.../CE 3602/2/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	577.0 kg	4138987
Economy CO-Helix V.../CE 3602/1/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	669.0 kg	4138988
Economy CO-Helix V.../CE 3602/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	669.0 kg	4138989
Economy CO-Helix V.../CE 3603/2/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	696.0 kg	4138990
Economy CO-Helix V.../CE 3603/1/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	696.0 kg	4138991
Economy CO-Helix V.../CE 3603/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	696.0 kg	4138992
Economy CO-Helix V.../CE 3604/2/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	804.0 kg	4138993
Economy CO-Helix V.../CE 3604/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	804.0 kg	4138994
Economy CO-Helix V.../CE 3605/2/K/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	847.0 kg	4138995
Economy CO-Helix V.../CE 3605/K/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	847.0 kg	4138996

Product list: Wilo-Economy CO-Helix V.../CE

Product description	Control	Mains connection	Maximum operating pressure *PN*	Number of standby pumps	System output without standby pump *Q*	Gross weight, approx. *m*	Article number
Economy CO-Helix V.../CE 3606/2/K/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	856.0 kg	4138997
Economy CO-Helix V.../CE 1603/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	250.0 kg	4142467
Economy CO-Helix V.../CE 1604/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	265.0 kg	4142468
Economy CO-Helix V.../CE 1605/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	316.0 kg	4142469
Economy CO-Helix V.../CE 1606/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	321.0 kg	4142470
Economy CO-Helix V.../CE 1607/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	378.0 kg	4142471
Economy CO-Helix V.../CE 1608/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	384.0 kg	4142472
Economy CO-Helix V.../CE 5202/2/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	743.0 kg	4142818
Economy CO-Helix V.../CE 5202/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	765.0 kg	4142819
Economy CO-Helix V.../CE 5203/2/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	870.0 kg	4142820
Economy CO-Helix V.../CE 5203/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	870.0 kg	4142821
Economy CO-Helix V.../CE 5204/2/K/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	919.0 kg	4142822
Economy CO-Helix V.../CE 5204/K/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	919.0 kg	4142823
Economy CO-Helix V.../CE 1002/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	231.0 kg	4154097
Economy CO-Helix V.../CE 1003/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	237.0 kg	4154098
Economy CO-Helix V.../CE 1004/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	255.0 kg	4154099
Economy CO-Helix V.../CE 1005/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	264.0 kg	4154100
Economy CO-Helix V.../CE 1006/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	267.0 kg	4154101
Economy CO-Helix V.../CE 1007/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	281.0 kg	4154102
Economy CO-Helix V.../CE 1008/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	284.0 kg	4154103
Economy CO-Helix V.../CE 1009/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	320.0 kg	4154104
Economy CO-Helix V.../CE 1010/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	323.0 kg	4154105

Product list: Wilo-Economy CO-Helix V.../CE

Product description	Control	Mains connection	Maximum operating pressure *PN*	Number of standby pumps	System output without standby pump *Q*	Gross weight, approx. *m*	Article number
Economy CO-Helix V.../CE 1011/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	324.0 kg	4154106
Economy CO-Helix V.../CE 1012/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	345.0 kg	4154107
Economy CO-Helix V.../CE 1013/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	348.0 kg	4154108
Economy CO-Helix V.../CE 1015/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	354.0 kg	4154109
Economy CO-Helix V.../CE 603/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	20.0 m³/h	208.0 kg	4162959
Economy CO-Helix V.../CE 604/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	20.0 m³/h	217.0 kg	4162960
Economy CO-Helix V.../CE 605/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	20.0 m³/h	223.0 kg	4162961
Economy CO-Helix V.../CE 606/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	20.0 m³/h	226.0 kg	4162962
Economy CO-Helix V.../CE 607/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	20.0 m³/h	241.0 kg	4162963
Economy CO-Helix V.../CE 608/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	20.0 m³/h	245.0 kg	4162964
Economy CO-Helix V.../CE 609/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	20.0 m³/h	254.0 kg	4162965
Economy CO-Helix V.../CE 610/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	20.0 m³/h	264.0 kg	4162966
Economy CO-Helix V.../CE 611/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	20.0 m³/h	267.0 kg	4162967
Economy CO-Helix V.../CE 612/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	20.0 m³/h	279.0 kg	4162968
Economy CO-Helix V.../CE 613/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	20.0 m³/h	280.0 kg	4162969
Economy CO-Helix V.../CE 614/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	20.0 m³/h	283.0 kg	4162970
Economy CO-Helix V.../CE 615/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	20.0 m³/h	288.0 kg	4162971
Economy CO-Helix V.../CE 616/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	20.0 m³/h	312.0 kg	4162972
Economy CO-Helix V.../CE 403/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	14.0 m³/h	198.0 kg	4163483
Economy CO-Helix V.../CE 404/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	14.0 m³/h	201.0 kg	4163484
Economy CO-Helix V.../CE 406/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	14.0 m³/h	211.0 kg	4163485
Economy CO-Helix V.../CE 407/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	216.0 kg	4163486

Product list: Wilo-Economy CO-Helix V.../CE

Product description	Control	Mains connection	Maximum operating pressure *PN*	Number of standby pumps	System output without standby pump *Q*	Gross weight, approx. *m*	Article number
Economy CO-Helix V.../CE 409/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	14.0 m³/h	219.0 kg	4163487
Economy CO-Helix V.../CE 410/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	14.0 m³/h	240.0 kg	4163488
Economy CO-Helix V.../CE 412/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	14.0 m³/h	245.0 kg	4163489
Economy CO-Helix V.../CE 414/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	14.0 m³/h	258.0 kg	4163490
Economy CO-Helix V.../CE 416/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	14.0 m³/h	260.0 kg	4163491
Economy CO-Helix V.../CE 418/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	14.0 m³/h	263.0 kg	4163492
Economy CO-3HELIX V1609/K/CE-03-FF240	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	451.0 kg	4189312
Economy CO-3HELIX V1610/K/CE-03-FF240	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	457.0 kg	4189313
Economy CO-3HELIX V1611/K/CE-03-FF240	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	460.0 kg	4189314
Economy CO-Helix V.../CE 2202/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	675.0 kg	4122712
Economy CO-Helix V.../CE 2203/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	703.0 kg	4122713
Economy CO-Helix V.../CE 2204/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	831.0 kg	4122714
Economy CO-Helix V.../CE 2205/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	866.0 kg	4122715
Economy CO-Helix V.../CE 2206/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	874.0 kg	4122716
Economy CO-Helix V.../CE 2207/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	881.0 kg	4122717
Economy CO-Helix V.../CE 2208/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	1015.0 kg	4122718
Economy CO-Helix V.../CE 3602/2/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	669.0 kg	4138998
Economy CO-Helix V.../CE 3602/1/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	901.0 kg	4138999
Economy CO-Helix V.../CE 3602/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	901.0 kg	4139000
Economy CO-Helix V.../CE 3603/2/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	941.0 kg	4139001
Economy CO-Helix V.../CE 3603/1/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	941.0 kg	4139002

Product list: Wilo-Economy CO-Helix V.../CE

Product description	Control	Mains connection	Maximum operating pressure *PN*	Number of standby pumps	System output without standby pump *Q*	Gross weight, approx. *m*	Article number
Economy CO-Helix V.../CE 3603/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	941.0 kg	4139003
Economy CO-Helix V.../CE 3604/2/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	1085.0 kg	4139004
Economy CO-Helix V.../CE 3604/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	1085.0 kg	4139005
Economy CO-Helix V.../CE 3605/2/K/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	1142.0 kg	4139006
Economy CO-Helix V.../CE 3605/K/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	1142.0 kg	4139007
Economy CO-Helix V.../CE 3606/2/K/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	1154.0 kg	4139008
Economy CO-Helix V.../CE 1603/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	351.0 kg	4142476
Economy CO-Helix V.../CE 1604/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	371.0 kg	4142477
Economy CO-Helix V.../CE 1605/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	434.0 kg	4142478
Economy CO-Helix V.../CE 1606/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	440.0 kg	4142479
Economy CO-Helix V.../CE 1607/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	516.0 kg	4142480
Economy CO-Helix V.../CE 1608/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	524.0 kg	4142481
Economy CO-Helix V.../CE 5202/2/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	1002.0 kg	4142824
Economy CO-Helix V.../CE 5202/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	1034.0 kg	4142825
Economy CO-Helix V.../CE 5203/2/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	1174.0 kg	4142826
Economy CO-Helix V.../CE 5203/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	1174.0 kg	4142827
Economy CO-Helix V.../CE 5204/2/K/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	1239.0 kg	4142828
Economy CO-Helix V.../CE 5204/K/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	1239.0 kg	4142829
Economy CO-Helix V.../CE 1002/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	289.0 kg	4154110
Economy CO-Helix V.../CE 1003/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	297.0 kg	4154111
Economy CO-Helix V.../CE 1004/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	321.0 kg	4154112
Economy CO-Helix V.../CE 1005/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	333.0 kg	4154113

Product list: Wilo-Economy CO-Helix V.../CE

Product description	Control	Mains connection	Maximum operating pressure *PN*	Number of standby pumps	System output without standby pump *Q*	Gross weight, approx. *m*	Article number
Economy CO-Helix V.../CE 1006/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	337.0 kg	4154114
Economy CO-Helix V.../CE 1007/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	356.0 kg	4154115
Economy CO-Helix V.../CE 1008/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	360.0 kg	4154116
Economy CO-Helix V.../CE 1009/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	408.0 kg	4154117
Economy CO-Helix V.../CE 1010/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	412.0 kg	4154118
Economy CO-Helix V.../CE 1011/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	414.0 kg	4154119
Economy CO-Helix V.../CE 1012/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	442.0 kg	4154120
Economy CO-Helix V.../CE 1013/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	446.0 kg	4154121
Economy CO-Helix V.../CE 1015/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	454.0 kg	4154122
Economy CO-Helix V.../CE 603/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	30.0 m^3/h	255.0 kg	4162973
Economy CO-Helix V.../CE 604/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	30.0 m^3/h	267.0 kg	4162974
Economy CO-Helix V.../CE 605/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	30.0 m^3/h	275.0 kg	4162975
Economy CO-Helix V.../CE 606/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	30.0 m^3/h	279.0 kg	4162976
Economy CO-Helix V.../CE 607/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	30.0 m^3/h	299.0 kg	4162977
Economy CO-Helix V.../CE 608/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	30.0 m^3/h	304.0 kg	4162978
Economy CO-Helix V.../CE 609/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	30.0 m^3/h	316.0 kg	4162979
Economy CO-Helix V.../CE 610/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	30.0 m^3/h	329.0 kg	4162980
Economy CO-Helix V.../CE 611/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	30.0 m^3/h	333.0 kg	4162981
Economy CO-Helix V.../CE 612/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	30.0 m^3/h	349.0 kg	4162982
Economy CO-Helix V.../CE 613/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	30.0 m^3/h	353.0 kg	4162983
Economy CO-Helix V.../CE 614/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	30.0 m^3/h	357.0 kg	4162984
Economy CO-Helix V.../CE 615/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	30.0 m^3/h	363.0 kg	4162985

Product list: Wilo-Economy CO-Helix V.../CE

Product description	Control	Mains connection	Maximum operating pressure *PN*	Number of standby pumps	System output without standby pump *Q*	Gross weight, approx. *m*	Article number
Economy CO-Helix V.../CE 616/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	30.0 m³/h	407.0 kg	4162986
Economy CO-Helix V.../CE 403/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	21.0 m³/h	243.0 kg	4163493
Economy CO-Helix V.../CE 404/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	21.0 m³/h	247.0 kg	4163494
Economy CO-Helix V.../CE 406/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	21.0 m³/h	261.0 kg	4163495
Economy CO-Helix V.../CE 407/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	21.0 m³/h	267.0 kg	4163496
Economy CO-Helix V.../CE 409/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	21.0 m³/h	271.0 kg	4163497
Economy CO-Helix V.../CE 410/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	21.0 m³/h	300.0 kg	4163498
Economy CO-Helix V.../CE 412/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	21.0 m³/h	305.0 kg	4163499
Economy CO-Helix V.../CE 414/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	21.0 m³/h	323.0 kg	4163500
Economy CO-Helix V.../CE 416/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	21.0 m³/h	325.0 kg	4163501
Economy CO-Helix V.../CE 418/CE	Without frequency converter	3~400 V, 50 Hz	16 bar	1	21.0 m³/h	329.0 kg	4163502
Economy CO-4HELIX V1609/K/CE-03-FF240	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	628.0 kg	4189315
Economy CO-4HELIX V1610/K/CE-03-FF240	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	636.0 kg	4189316
Economy CO-4HELIX V1611/K/CE-03-FF240	Without frequency converter	3~400 V, 50 Hz	16 bar	1	-	640.0 kg	4189317
Economy CO-Helix V.../CE	-	3~400 V, 50 Hz	16 bar	1	-	287.0 kg	4142464
Economy CO-Helix V.../CE	-	3~400 V, 50 Hz	16 bar	1	-	291.0 kg	4142465
Economy CO-Helix V.../CE	-	3~400 V, 50 Hz	16 bar	1	-	293.0 kg	4142466
Economy CO-Helix V.../CE	-	3~400 V, 50 Hz	16 bar	1	-	563.0 kg	4142473
Economy CO-Helix V.../CE	-	3~400 V, 50 Hz	16 bar	1	-	569.0 kg	4142474
Economy CO-Helix V.../CE	-	3~400 V, 50 Hz	16 bar	1	-	572.0 kg	4142475
Economy CO-Helix V.../CE	-	3~400 V, 50 Hz	16 bar	1	-	759.0 kg	4142482

Product list: Wilo-Economy CO-Helix V.../CE

Product description	Control	Mains connection	Maximum operating pressure *PN*	Number of standby pumps	System output without standby pump *Q*	Gross weight, approx. *m*	Article number
Economy CO-Helix V.../CE	-	3~400 V, 50 Hz	16 bar	1	-	767.0 kg	4142483
Economy CO-Helix V.../CE	-	3~400 V, 50 Hz	16 bar	1	-	771.0 kg	4142484

Data sheet: Economy CO-Helix V.../CE 2202/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4308, GX5CrNi19-10
Shaft	1.4057, X20CrNi17-2
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Information for order placements

Net weight, approx. *m*	252 kg
Article number	4122698
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2203/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	5.1301, EN-GJL-250
Shaft	1.4057, X20CrNi17-2
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements

Net weight, approx. *m*	266 kg
Article number	4122699
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2204/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4308, GX5CrNi19-10
Shaft	1.4057, X20CrNi17-2
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	328 kg
Article number	4122700
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2205/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	343 kg
Article number	4122701
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2206/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	347 kg
Article number	4122702
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2207/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	9.00 kW
Rated current I_N	15.60 A
Motor efficiency η_M *50%*	88.9
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.6

Information for order placements

Net weight, approx. *m*	351 kg
Article number	4122703
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2208/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	11.00 kW
Rated current I_N	19.00 A
Motor efficiency η_M *50%*	90.1
Motor efficiency η_M *75%*	91.2
Motor efficiency η_M *100%*	91.2

Information for order placements

Net weight, approx. *m*	417 kg
Article number	4122704
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3602/2/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements

Net weight, approx. *m*	324 kg
Article number	4138976
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3602/1/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	384 kg
Article number	4138977
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3602/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	384 kg
Article number	4138978
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3603/2/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	402 kg
Article number	4138979
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3603/1/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	402 kg
Article number	4138980
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3603/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	9.00 kW
Rated current I_N	15.60 A
Motor efficiency η_M *50%*	88.9
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.6

Information for order placements

Net weight, approx. *m*	402 kg
Article number	4138981
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3604/2/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	11.00 kW
Rated current I_N	19.00 A
Motor efficiency η_M *50%*	90.1
Motor efficiency η_M *75%*	91.2
Motor efficiency η_M *100%*	91.2

Information for order placements

Net weight, approx. *m*	474 kg
Article number	4138982
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3604/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	11.00 kW
Rated current I_N	19.00 A
Motor efficiency η_M *50%*	90.1
Motor efficiency η_M *75%*	91.2
Motor efficiency η_M *100%*	91.2

Information for order placements

Net weight, approx. *m*	474 kg
Article number	4138983
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3605/2/K/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	15.00 kW
Rated current I_N	25.20 A
Motor efficiency η_M *50%*	87.7
Motor efficiency η_M *75%*	89.9
Motor efficiency η_M *100%*	91.9

Information for order placements

Net weight, approx. *m*	503 kg
Article number	4138984
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3605/K/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	15.00 kW
Rated current I_N	25.20 A
Motor efficiency η_M *50%*	87.7
Motor efficiency η_M *75%*	89.9
Motor efficiency η_M *100%*	91.9

Information for order placements

Net weight, approx. *m*	503 kg
Article number	4138985
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3606/2/K/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	15.00 kW
Rated current I_N	25.20 A
Motor efficiency η_M *50%*	87.7
Motor efficiency η_M *75%*	89.9
Motor efficiency η_M *100%*	91.9

Information for order placements

Net weight, approx. *m*	509 kg
Article number	4138986
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1603/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Information for order placements

Net weight, approx. *m*	149 kg
Article number	4142458
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1604/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Information for order placements	
Net weight, approx. *m*	152 kg
Article number	4142459
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1605/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements

Net weight, approx. *m*	168 kg
Article number	4142460
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1606/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements	
Net weight, approx. *m*	170 kg
Article number	4142461
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1607/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	202 kg
Article number	4142462
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1608/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements	
Net weight, approx. *m*	206 kg
Article number	4142463
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5202/2/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	431 kg
Article number	4142812
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5202/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	445 kg
Article number	4142813
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5203/2/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	11.00 kW
Rated current I_N	19.00 A
Motor efficiency η_M *50%*	90.1
Motor efficiency η_M *75%*	91.2
Motor efficiency η_M *100%*	91.2

Information for order placements

Net weight, approx. *m*	515 kg
Article number	4142814
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5203/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	11.00 kW
Rated current I_N	19.00 A
Motor efficiency η_M *50%*	90.1
Motor efficiency η_M *75%*	91.2
Motor efficiency η_M *100%*	91.2

Information for order placements

Net weight, approx. *m*	515 kg
Article number	4142815
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5204/2/K/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	15.00 kW
Rated current I_N	25.20 A
Motor efficiency η_M *50%*	87.7
Motor efficiency η_M *75%*	89.9
Motor efficiency η_M *100%*	91.9

Information for order placements

Net weight, approx. *m*	548 kg
Article number	4142816
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5204/K/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	15.00 kW
Rated current I_N	25.20 A
Motor efficiency η_M *50%*	87.7
Motor efficiency η_M *75%*	89.9
Motor efficiency η_M *100%*	91.9

Information for order placements

Net weight, approx. *m*	548 kg
Article number	4142817
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1002/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.75 kW
Rated current I_N	1.60 A
Motor efficiency η_M *50%*	76.7
Motor efficiency η_M *75%*	80.3
Motor efficiency η_M *100%*	80.7

Information for order placements

Net weight, approx. *m*	123 kg
Article number	4154084
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1003/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.10 kW
Rated current I_N	2.30 A
Motor efficiency η_M *50%*	79.1
Motor efficiency η_M *75%*	82.1
Motor efficiency η_M *100%*	82.7

Information for order placements

Net weight, approx. *m*	126 kg
Article number	4154085
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1004/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.50 kW
Rated current I_N	3.10 A
Motor efficiency η_M *50%*	80.5
Motor efficiency η_M *75%*	83.7
Motor efficiency η_M *100%*	84.2

Information for order placements

Net weight, approx. *m*	134 kg
Article number	4154086
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1005/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Information for order placements

Net weight, approx. *m*	139 kg
Article number	4154087
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1006/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Information for order placements	
Net weight, approx. *m*	141 kg
Article number	4154088
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1007/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Information for order placements

Net weight, approx. *m*	145 kg
Article number	4154089
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1008/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Information for order placements

Net weight, approx. *m*	147 kg
Article number	4154090
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1009/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements

Net weight, approx. *m*	171 kg
Article number	4154091
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1010/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements

Net weight, approx. *m*	173 kg
Article number	4154092
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1011/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements

Net weight, approx. *m*	175 kg
Article number	4154093
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1012/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	183 kg
Article number	4154094
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1013/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	183 kg
Article number	4154095
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1015/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	187 kg
Article number	4154096
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 603/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	10.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.55 kW
Rated current I_N	1.32 A
Motor efficiency η_M *50%*	72.8
Motor efficiency η_M *75%*	76.7
Motor efficiency η_M *100%*	77.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	112 kg
Article number	4162945
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 604/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	10.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.75 kW
Rated current I_N	1.60 A
Motor efficiency η_M *50%*	76.7
Motor efficiency η_M *75%*	80.3
Motor efficiency η_M *100%*	80.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	113 kg
Article number	4162946
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 605/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	10.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.10 kW
Rated current I_N	2.30 A
Motor efficiency η_M *50%*	79.1
Motor efficiency η_M *75%*	82.1
Motor efficiency η_M *100%*	82.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	116 kg
Article number	4162947
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 606/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	10.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.10 kW
Rated current I_N	2.30 A
Motor efficiency η_M *50%*	79.1
Motor efficiency η_M *75%*	82.1
Motor efficiency η_M *100%*	82.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	118 kg
Article number	4162948
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 607/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	10.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.50 kW
Rated current I_N	3.10 A
Motor efficiency η_M *50%*	80.5
Motor efficiency η_M *75%*	83.7
Motor efficiency η_M *100%*	84.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	124 kg
Article number	4162949
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 608/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	10.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.50 kW
Rated current I_N	3.10 A
Motor efficiency η_M *50%*	80.5
Motor efficiency η_M *75%*	83.7
Motor efficiency η_M *100%*	84.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	126 kg
Article number	4162950
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 609/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	10.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	131 kg
Article number	4162951
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 610/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	10.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	140 kg
Article number	4162952
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 611/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	10.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	142 kg
Article number	4162953
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 612/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	10.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	143 kg
Article number	4162954
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 613/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	10.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	145 kg
Article number	4162955
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 614/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	10.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	147 kg
Article number	4162956
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 615/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	10.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	147 kg
Article number	4162957
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 616/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	10.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	169 kg
Article number	4162958
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 403/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	7.0 m³/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.37 kW
Rated current I_N	0.95 A
Motor efficiency η_M *50%*	65.4
Motor efficiency η_M *75%*	65.6
Motor efficiency η_M *100%*	64.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	108 kg
Article number	4163473
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 404/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	7.0 m³/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.55 kW
Rated current I_N	1.32 A
Motor efficiency η_M *50%*	72.8
Motor efficiency η_M *75%*	76.7
Motor efficiency η_M *100%*	77.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	109 kg
Article number	4163474
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 406/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	7.0 m³/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.75 kW
Rated current I_N	1.60 A
Motor efficiency η_M *50%*	76.7
Motor efficiency η_M *75%*	80.3
Motor efficiency η_M *100%*	80.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	110 kg
Article number	4163475
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 407/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	7.0 m³/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.10 kW
Rated current I_N	2.30 A
Motor efficiency η_M *50%*	79.1
Motor efficiency η_M *75%*	82.1
Motor efficiency η_M *100%*	82.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	113 kg
Article number	4163476
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 409/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	7.0 m³/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.10 kW
Rated current I_N	2.30 A
Motor efficiency η_M *50%*	79.1
Motor efficiency η_M *75%*	82.1
Motor efficiency η_M *100%*	82.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	115 kg
Article number	4163477
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 410/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	7.0 m³/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.50 kW
Rated current I_N	3.10 A
Motor efficiency η_M *50%*	80.5
Motor efficiency η_M *75%*	83.7
Motor efficiency η_M *100%*	84.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	125 kg
Article number	4163478
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 412/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	7.0 m³/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.50 kW
Rated current I_N	3.10 A
Motor efficiency η_M *50%*	80.5
Motor efficiency η_M *75%*	83.7
Motor efficiency η_M *100%*	84.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	127 kg
Article number	4163479
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 414/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	7.0 m³/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	134 kg
Article number	4163480
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 416/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	7.0 m³/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	139 kg
Article number	4163481
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 418/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	1
System output without standby pump *Q*	7.0 m³/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	141 kg
Article number	4163482
Brand	Wilo

Data sheet: Economy CO-2HELIX V1609/K/CE-03-FF240

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	247 kg
Article number	4189309
Brand	Wilo

Data sheet: Economy CO-2HELIX V1610/K/CE-03-FF240

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	251 kg
Article number	4189310
Brand	Wilo

Data sheet: Economy CO-2HELIX V1611/K/CE-03-FF240

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	253 kg
Article number	4189311
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2202/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4308, GX5CrNi19-10
Shaft	1.4057, X20CrNi17-2
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Information for order placements

Net weight, approx. *m*	406 kg
Article number	4122705
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2203/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	5.1301, EN-GJL-250
Shaft	1.4057, X20CrNi17-2
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements

Net weight, approx. *m*	427 kg
Article number	4122706
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2204/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4308, GX5CrNi19-10
Shaft	1.4057, X20CrNi17-2
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	520 kg
Article number	4122707
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2205/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	542 kg
Article number	4122708
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2206/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	548 kg
Article number	4122709
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2207/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	9.00 kW
Rated current I_N	15.60 A
Motor efficiency η_M *50%*	88.9
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.6

Information for order placements

Net weight, approx. *m*	553 kg
Article number	4122710
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2208/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	11.00 kW
Rated current I_N	19.00 A
Motor efficiency η_M *50%*	90.1
Motor efficiency η_M *75%*	91.2
Motor efficiency η_M *100%*	91.2

Information for order placements

Net weight, approx. *m*	654 kg
Article number	4122711
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3602/2/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements

Net weight, approx. *m*	483 kg
Article number	4138987
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3602/1/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	571 kg
Article number	4138988
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3602/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	571 kg
Article number	4138989
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3603/2/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	598 kg
Article number	4138990
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3603/1/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	598 kg
Article number	4138991
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3603/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	9.00 kW
Rated current I_N	15.60 A
Motor efficiency η_M *50%*	88.9
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.6

Information for order placements

Net weight, approx. *m*	598 kg
Article number	4138992
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3604/2/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	11.00 kW
Rated current I_N	19.00 A
Motor efficiency η_M *50%*	90.1
Motor efficiency η_M *75%*	91.2
Motor efficiency η_M *100%*	91.2

Information for order placements

Net weight, approx. *m*	706 kg
Article number	4138993
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3604/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	11.00 kW
Rated current I_N	19.00 A
Motor efficiency η_M *50%*	90.1
Motor efficiency η_M *75%*	91.2
Motor efficiency η_M *100%*	91.2

Information for order placements

Net weight, approx. *m*	706 kg
Article number	4138994
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3605/2/K/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	15.00 kW
Rated current I_N	25.20 A
Motor efficiency η_M *50%*	87.7
Motor efficiency η_M *75%*	89.9
Motor efficiency η_M *100%*	91.9

Information for order placements

Net weight, approx. *m*	749 kg
Article number	4138995
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3605/K/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	15.00 kW
Rated current I_N	25.20 A
Motor efficiency η_M *50%*	87.7
Motor efficiency η_M *75%*	89.9
Motor efficiency η_M *100%*	91.9

Information for order placements

Net weight, approx. *m*	749 kg
Article number	4138996
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3606/2/K/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	15.00 kW
Rated current I_N	25.20 A
Motor efficiency η_M *50%*	87.7
Motor efficiency η_M *75%*	89.9
Motor efficiency η_M *100%*	91.9

Information for order placements

Net weight, approx. *m*	758 kg
Article number	4138997
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1603/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	2

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Information for order placements	
Net weight, approx. *m*	232 kg
Article number	4142467
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1604/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Information for order placements

Net weight, approx. *m*	240 kg
Article number	4142468
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1605/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	2

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements	
Net weight, approx. *m*	291 kg
Article number	4142469
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1606/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	2

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements	
Net weight, approx. *m*	296 kg
Article number	4142470
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1607/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	347 kg
Article number	4142471
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1608/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	2

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements	
Net weight, approx. *m*	353 kg
Article number	4142472
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5202/2/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 150
Pipe connection on the suction side *DNs*	DN 150
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	645 kg
Article number	4142818
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5202/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 150
Pipe connection on the suction side *DNs*	DN 150
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	667 kg
Article number	4142819
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5203/2/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 150
Pipe connection on the suction side *DNs*	DN 150
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	11.00 kW
Rated current I_N	19.00 A
Motor efficiency η_M *50%*	90.1
Motor efficiency η_M *75%*	91.2
Motor efficiency η_M *100%*	91.2

Information for order placements

Net weight, approx. *m*	772 kg
Article number	4142820
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5203/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 150
Pipe connection on the suction side *DNs*	DN 150
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	11.00 kW
Rated current I_N	19.00 A
Motor efficiency η_M *50%*	90.1
Motor efficiency η_M *75%*	91.2
Motor efficiency η_M *100%*	91.2

Information for order placements

Net weight, approx. *m*	772 kg
Article number	4142821
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5204/2/K/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 150
Pipe connection on the suction side *DNs*	DN 150
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	15.00 kW
Rated current I_N	25.20 A
Motor efficiency η_M *50%*	87.7
Motor efficiency η_M *75%*	89.9
Motor efficiency η_M *100%*	91.9

Information for order placements

Net weight, approx. *m*	821 kg
Article number	4142822
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5204/K/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 150
Pipe connection on the suction side *DNs*	DN 150
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	15.00 kW
Rated current I_N	25.20 A
Motor efficiency η_M *50%*	87.7
Motor efficiency η_M *75%*	89.9
Motor efficiency η_M *100%*	91.9

Information for order placements

Net weight, approx. *m*	821 kg
Article number	4142823
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1002/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.75 kW
Rated current I_N	1.60 A
Motor efficiency η_M *50%*	76.7
Motor efficiency η_M *75%*	80.3
Motor efficiency η_M *100%*	80.7

Information for order placements

Net weight, approx. *m*	219 kg
Article number	4154097
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1003/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.10 kW
Rated current I_N	2.30 A
Motor efficiency η_M *50%*	79.1
Motor efficiency η_M *75%*	82.1
Motor efficiency η_M *100%*	82.7

Information for order placements

Net weight, approx. *m*	224 kg
Article number	4154098
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1004/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.50 kW
Rated current I_N	3.10 A
Motor efficiency η_M *50%*	80.5
Motor efficiency η_M *75%*	83.7
Motor efficiency η_M *100%*	84.2

Information for order placements

Net weight, approx. *m*	238 kg
Article number	4154099
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1005/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Information for order placements

Net weight, approx. *m*	246 kg
Article number	4154100
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1006/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Information for order placements

Net weight, approx. *m*	249 kg
Article number	4154101
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1007/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Information for order placements

Net weight, approx. *m*	256 kg
Article number	4154102
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1008/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Information for order placements

Net weight, approx. *m*	259 kg
Article number	4154103
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1009/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements

Net weight, approx. *m*	295 kg
Article number	4154104
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1010/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements

Net weight, approx. *m*	298 kg
Article number	4154105
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1011/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements

Net weight, approx. *m*	299 kg
Article number	4154106
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1012/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	314 kg
Article number	4154107
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1013/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	317 kg
Article number	4154108
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1015/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	323 kg
Article number	4154109
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 603/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	20.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.55 kW
Rated current I_N	1.32 A
Motor efficiency η_M *50%*	72.8
Motor efficiency η_M *75%*	76.7
Motor efficiency η_M *100%*	77.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	201 kg
Article number	4162959
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 604/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	20.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.75 kW
Rated current I_N	1.60 A
Motor efficiency η_M *50%*	76.7
Motor efficiency η_M *75%*	80.3
Motor efficiency η_M *100%*	80.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	205 kg
Article number	4162960
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 605/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	20.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.10 kW
Rated current I_N	2.30 A
Motor efficiency η_M *50%*	79.1
Motor efficiency η_M *75%*	82.1
Motor efficiency η_M *100%*	82.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	210 kg
Article number	4162961
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 606/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	20.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.10 kW
Rated current I_N	2.30 A
Motor efficiency η_M *50%*	79.1
Motor efficiency η_M *75%*	82.1
Motor efficiency η_M *100%*	82.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	213 kg
Article number	4162962
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 607/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	20.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.50 kW
Rated current I_N	3.10 A
Motor efficiency η_M *50%*	80.5
Motor efficiency η_M *75%*	83.7
Motor efficiency η_M *100%*	84.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	224 kg
Article number	4162963
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 608/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	20.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.50 kW
Rated current I_N	3.10 A
Motor efficiency η_M *50%*	80.5
Motor efficiency η_M *75%*	83.7
Motor efficiency η_M *100%*	84.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	228 kg
Article number	4162964
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 609/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	20.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	236 kg
Article number	4162965
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 610/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	20.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	246 kg
Article number	4162966
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 611/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	20.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	249 kg
Article number	4162967
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 612/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	20.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	254 kg
Article number	4162968
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 613/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	20.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	255 kg
Article number	4162969
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 614/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	20.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	258 kg
Article number	4162970
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 615/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	20.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	263 kg
Article number	4162971
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 616/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	20.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	287 kg
Article number	4162972
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 403/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	14.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.37 kW
Rated current I_N	0.95 A
Motor efficiency η_M *50%*	65.4
Motor efficiency η_M *75%*	65.6
Motor efficiency η_M *100%*	64.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	192 kg
Article number	4163483
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 404/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	14.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.55 kW
Rated current I_N	1.32 A
Motor efficiency η_M *50%*	72.8
Motor efficiency η_M *75%*	76.7
Motor efficiency η_M *100%*	77.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	194 kg
Article number	4163484
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 406/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	14.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.75 kW
Rated current I_N	1.60 A
Motor efficiency η_M *50%*	76.7
Motor efficiency η_M *75%*	80.3
Motor efficiency η_M *100%*	80.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	199 kg
Article number	4163485
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 407/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	2

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.10 kW
Rated current I_N	2.30 A
Motor efficiency η_M *50%*	79.1
Motor efficiency η_M *75%*	82.1
Motor efficiency η_M *100%*	82.7

Information for order placements	
Net weight, approx. *m*	203 kg
Article number	4163486
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 409/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	14.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.10 kW
Rated current I_N	2.30 A
Motor efficiency η_M *50%*	79.1
Motor efficiency η_M *75%*	82.1
Motor efficiency η_M *100%*	82.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	206 kg
Article number	4163487
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 410/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	14.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.50 kW
Rated current I_N	3.10 A
Motor efficiency η_M *50%*	80.5
Motor efficiency η_M *75%*	83.7
Motor efficiency η_M *100%*	84.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	223 kg
Article number	4163488
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 412/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	14.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.50 kW
Rated current I_N	3.10 A
Motor efficiency η_M *50%*	80.5
Motor efficiency η_M *75%*	83.7
Motor efficiency η_M *100%*	84.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	228 kg
Article number	4163489
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 414/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	14.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	240 kg
Article number	4163490
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 416/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	14.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	242 kg
Article number	4163491
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 418/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 1½
Pipe connection on the suction side *DNs*	R 1½
Number of standby pumps	1
Number of operating pumps	2
System output without standby pump *Q*	14.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	245 kg
Article number	4163492
Brand	Wilo

Data sheet: Economy CO-3HELIX V1609/K/CE-03-FF240

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	356 kg
Article number	4189312
Brand	Wilo

Data sheet: Economy CO-3HELIX V1610/K/CE-03-FF240

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	362 kg
Article number	4189313
Brand	Wilo

Data sheet: Economy CO-3HELIX V1611/K/CE-03-FF240

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	365 kg
Article number	4189314
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2202/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4308, GX5CrNi19-10
Shaft	1.4057, X20CrNi17-2
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Information for order placements

Net weight, approx. *m*	545 kg
Article number	4122712
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2203/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	5.1301, EN-GJL-250
Shaft	1.4057, X20CrNi17-2
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements

Net weight, approx. *m*	573 kg
Article number	4122713
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2204/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4308, GX5CrNi19-10
Shaft	1.4057, X20CrNi17-2
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	695 kg
Article number	4122714
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2205/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	730 kg
Article number	4122715
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2206/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	738 kg
Article number	4122716
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2207/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	9.00 kW
Rated current I_N	15.60 A
Motor efficiency η_M *50%*	88.9
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.6

Information for order placements

Net weight, approx. *m*	745 kg
Article number	4122717
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 2208/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 125
Pipe connection on the suction side *DNs*	DN 125
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	11.00 kW
Rated current I_N	19.00 A
Motor efficiency η_M *50%*	90.1
Motor efficiency η_M *75%*	91.2
Motor efficiency η_M *100%*	91.2

Information for order placements

Net weight, approx. *m*	879 kg
Article number	4122718
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3602/2/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 150
Pipe connection on the suction side *DNs*	DN 150
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements

Net weight, approx. *m*	539 kg
Article number	4138998
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3602/1/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 150
Pipe connection on the suction side *DNs*	DN 150
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	765 kg
Article number	4138999
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3602/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 150
Pipe connection on the suction side *DNs*	DN 150
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	765 kg
Article number	4139000
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3603/2/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 150
Pipe connection on the suction side *DNs*	DN 150
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	805 kg
Article number	4139001
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3603/1/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 150
Pipe connection on the suction side *DNs*	DN 150
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	805 kg
Article number	4139002
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3603/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 150
Pipe connection on the suction side *DNs*	DN 150
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	9.00 kW
Rated current I_N	15.60 A
Motor efficiency η_M *50%*	88.9
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.6

Information for order placements

Net weight, approx. *m*	805 kg
Article number	4139003
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3604/2/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 150
Pipe connection on the suction side *DNs*	DN 150
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	11.00 kW
Rated current I_N	19.00 A
Motor efficiency η_M *50%*	90.1
Motor efficiency η_M *75%*	91.2
Motor efficiency η_M *100%*	91.2

Information for order placements

Net weight, approx. *m*	949 kg
Article number	4139004
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3604/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 150
Pipe connection on the suction side *DNs*	DN 150
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	11.00 kW
Rated current I_N	19.00 A
Motor efficiency η_M *50%*	90.1
Motor efficiency η_M *75%*	91.2
Motor efficiency η_M *100%*	91.2

Information for order placements

Net weight, approx. *m*	949 kg
Article number	4139005
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3605/2/K/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 150
Pipe connection on the suction side *DNs*	DN 150
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	15.00 kW
Rated current I_N	25.20 A
Motor efficiency η_M *50%*	87.7
Motor efficiency η_M *75%*	89.9
Motor efficiency η_M *100%*	91.9

Information for order placements

Net weight, approx. *m*	1006 kg
Article number	4139006
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3605/K/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 150
Pipe connection on the suction side *DNs*	DN 150
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	15.00 kW
Rated current I_N	25.20 A
Motor efficiency η_M *50%*	87.7
Motor efficiency η_M *75%*	89.9
Motor efficiency η_M *100%*	91.9

Information for order placements

Net weight, approx. *m*	1006 kg
Article number	4139007
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 3606/2/K/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	DN 150
Pipe connection on the suction side *DNs*	DN 150
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	15.00 kW
Rated current I_N	25.20 A
Motor efficiency η_M *50%*	87.7
Motor efficiency η_M *75%*	89.9
Motor efficiency η_M *100%*	91.9

Information for order placements

Net weight, approx. *m*	1018 kg
Article number	4139008
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1603/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	3

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Information for order placements	
Net weight, approx. *m*	333 kg
Article number	4142476
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1604/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	3

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Information for order placements	
Net weight, approx. *m*	346 kg
Article number	4142477
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1605/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	3

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements	
Net weight, approx. *m*	409 kg
Article number	4142478
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1606/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	3

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements	
Net weight, approx. *m*	415 kg
Article number	4142479
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1607/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	3

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements	
Net weight, approx. *m*	485 kg
Article number	4142480
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1608/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	3

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements	
Net weight, approx. *m*	493 kg
Article number	4142481
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5202/2/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 200
Pipe connection on the suction side *DNs*	DN 200
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	866 kg
Article number	4142824
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5202/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 200
Pipe connection on the suction side *DNs*	DN 200
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	898 kg
Article number	4142825
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5203/2/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 200
Pipe connection on the suction side *DNs*	DN 200
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	11.00 kW
Rated current I_N	19.00 A
Motor efficiency η_M *50%*	90.1
Motor efficiency η_M *75%*	91.2
Motor efficiency η_M *100%*	91.2

Information for order placements

Net weight, approx. *m*	1038 kg
Article number	4142826
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5203/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 200
Pipe connection on the suction side *DNs*	DN 200
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	11.00 kW
Rated current I_N	19.00 A
Motor efficiency η_M *50%*	90.1
Motor efficiency η_M *75%*	91.2
Motor efficiency η_M *100%*	91.2

Information for order placements

Net weight, approx. *m*	1038 kg
Article number	4142827
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5204/2/K/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 200
Pipe connection on the suction side *DNs*	DN 200
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	15.00 kW
Rated current I_N	25.20 A
Motor efficiency η_M *50%*	87.7
Motor efficiency η_M *75%*	89.9
Motor efficiency η_M *100%*	91.9

Information for order placements

Net weight, approx. *m*	1103 kg
Article number	4142828
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 5204/K/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 200
Pipe connection on the suction side *DNs*	DN 200
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4409, GX2CrNiMo19-11-2
Shaft	1.4404, X2CrNiMo17-12-2
Gasket material	FKM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	15.00 kW
Rated current I_N	25.20 A
Motor efficiency η_M *50%*	87.7
Motor efficiency η_M *75%*	89.9
Motor efficiency η_M *100%*	91.9

Information for order placements

Net weight, approx. *m*	1103 kg
Article number	4142829
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1002/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	3

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.75 kW
Rated current I_N	1.60 A
Motor efficiency η_M *50%*	76.7
Motor efficiency η_M *75%*	80.3
Motor efficiency η_M *100%*	80.7

Information for order placements	
Net weight, approx. *m*	277 kg
Article number	4154110
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1003/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.10 kW
Rated current I_N	2.30 A
Motor efficiency η_M *50%*	79.1
Motor efficiency η_M *75%*	82.1
Motor efficiency η_M *100%*	82.7

Information for order placements

Net weight, approx. *m*	284 kg
Article number	4154111
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1004/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.50 kW
Rated current I_N	3.10 A
Motor efficiency η_M *50%*	80.5
Motor efficiency η_M *75%*	83.7
Motor efficiency η_M *100%*	84.2

Information for order placements

Net weight, approx. *m*	304 kg
Article number	4154112
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1005/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	3

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Information for order placements	
Net weight, approx. *m*	315 kg
Article number	4154113
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1006/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	3

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Information for order placements	
Net weight, approx. *m*	319 kg
Article number	4154114
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1007/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Information for order placements

Net weight, approx. *m*	331 kg
Article number	4154115
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1008/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Information for order placements

Net weight, approx. *m*	335 kg
Article number	4154116
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1009/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	3

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements	
Net weight, approx. *m*	383 kg
Article number	4154117
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1010/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	3

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements	
Net weight, approx. *m*	387 kg
Article number	4154118
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1011/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Information for order placements

Net weight, approx. *m*	389 kg
Article number	4154119
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1012/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	411 kg
Article number	4154120
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1013/CE

Approved field of application	
Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	3

Materials	
Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data	
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements	
Net weight, approx. *m*	415 kg
Article number	4154121
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 1015/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	25 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	5.50 kW
Rated current I_N	8.90 A
Motor efficiency η_M *50%*	87.3
Motor efficiency η_M *75%*	89.1
Motor efficiency η_M *100%*	89.2

Information for order placements

Net weight, approx. *m*	423 kg
Article number	4154122
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 603/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	30.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.55 kW
Rated current I_N	1.32 A
Motor efficiency η_M *50%*	72.8
Motor efficiency η_M *75%*	76.7
Motor efficiency η_M *100%*	77.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	248 kg
Article number	4162973
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 604/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	30.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.75 kW
Rated current I_N	1.60 A
Motor efficiency η_M *50%*	76.7
Motor efficiency η_M *75%*	80.3
Motor efficiency η_M *100%*	80.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	255 kg
Article number	4162974
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 605/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	30.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.10 kW
Rated current I_N	2.30 A
Motor efficiency η_M *50%*	79.1
Motor efficiency η_M *75%*	82.1
Motor efficiency η_M *100%*	82.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	262 kg
Article number	4162975
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 606/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	30.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.10 kW
Rated current I_N	2.30 A
Motor efficiency η_M *50%*	79.1
Motor efficiency η_M *75%*	82.1
Motor efficiency η_M *100%*	82.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	266 kg
Article number	4162976
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 607/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	30.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.50 kW
Rated current I_N	3.10 A
Motor efficiency η_M *50%*	80.5
Motor efficiency η_M *75%*	83.7
Motor efficiency η_M *100%*	84.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	282 kg
Article number	4162977
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 608/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	30.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.50 kW
Rated current I_N	3.10 A
Motor efficiency η_M *50%*	80.5
Motor efficiency η_M *75%*	83.7
Motor efficiency η_M *100%*	84.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	287 kg
Article number	4162978
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 609/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	30.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	298 kg
Article number	4162979
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 610/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	30.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	311 kg
Article number	4162980
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 611/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	30.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	315 kg
Article number	4162981
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 612/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	30.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	324 kg
Article number	4162982
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 613/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	30.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	328 kg
Article number	4162983
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 614/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	30.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	332 kg
Article number	4162984
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 615/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	30.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	3.00 kW
Rated current I_N	5.00 A
Motor efficiency η_M *50%*	85.6
Motor efficiency η_M *75%*	87
Motor efficiency η_M *100%*	87.1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	338 kg
Article number	4162985
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 616/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	30.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	4.00 kW
Rated current I_N	7.40 A
Motor efficiency η_M *50%*	86.5
Motor efficiency η_M *75%*	88
Motor efficiency η_M *100%*	88.1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	382 kg
Article number	4162986
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 403/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	21.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.37 kW
Rated current I_N	0.95 A
Motor efficiency η_M *50%*	65.4
Motor efficiency η_M *75%*	65.6
Motor efficiency η_M *100%*	64.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	237 kg
Article number	4163493
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 404/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	21.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.55 kW
Rated current I_N	1.32 A
Motor efficiency η_M *50%*	72.8
Motor efficiency η_M *75%*	76.7
Motor efficiency η_M *100%*	77.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	240 kg
Article number	4163494
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 406/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	21.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	0.75 kW
Rated current I_N	1.60 A
Motor efficiency η_M *50%*	76.7
Motor efficiency η_M *75%*	80.3
Motor efficiency η_M *100%*	80.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	249 kg
Article number	4163495
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 407/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	21.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.10 kW
Rated current I_N	2.30 A
Motor efficiency η_M *50%*	79.1
Motor efficiency η_M *75%*	82.1
Motor efficiency η_M *100%*	82.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	254 kg
Article number	4163496
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 409/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	21.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.10 kW
Rated current I_N	2.30 A
Motor efficiency η_M *50%*	79.1
Motor efficiency η_M *75%*	82.1
Motor efficiency η_M *100%*	82.7

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	258 kg
Article number	4163497
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 410/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	21.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.50 kW
Rated current I_N	3.10 A
Motor efficiency η_M *50%*	80.5
Motor efficiency η_M *75%*	83.7
Motor efficiency η_M *100%*	84.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	283 kg
Article number	4163498
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 412/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	21.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	1.50 kW
Rated current I_N	3.10 A
Motor efficiency η_M *50%*	80.5
Motor efficiency η_M *75%*	83.7
Motor efficiency η_M *100%*	84.2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	288 kg
Article number	4163499
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 414/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	21.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	305 kg
Article number	4163500
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 416/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	21.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	307 kg
Article number	4163501
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE 418/CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2
Pipe connection on the suction side *DNs*	R 2
Number of standby pumps	1
Number of operating pumps	3
System output without standby pump *Q*	21.0 m^3/h

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	2.20 kW
Rated current I_N	4.00 A
Motor efficiency η_M *50%*	83.1
Motor efficiency η_M *75%*	85.6
Motor efficiency η_M *100%*	85.9

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Net weight, approx. *m*	311 kg
Article number	4163502
Brand	Wilo

Data sheet: Economy CO-4HELIX V1609/K/CE-03-FF240

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	498 kg
Article number	4189315
Brand	Wilo

Data sheet: Economy CO-4HELIX V1610/K/CE-03-FF240

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	506 kg
Article number	4189316
Brand	Wilo

Data sheet: Economy CO-4HELIX V1611/K/CE-03-FF240

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	510 kg
Article number	4189317
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	256 kg
Article number	4142464
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	260 kg
Article number	4142465
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 2½
Pipe connection on the suction side *DNs*	R 2½
Number of standby pumps	1
Number of operating pumps	1

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	262 kg
Article number	4142466
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	392 kg
Article number	4142473
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	398 kg
Article number	4142474
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	R 3
Pipe connection on the suction side *DNs*	R 3
Number of standby pumps	1
Number of operating pumps	2

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	401 kg
Article number	4142475
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	561 kg
Article number	4142482
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	569 kg
Article number	4142483
Brand	Wilo

Data sheet: Economy CO-Helix V.../CE

Approved field of application

Max. fluid temperature *T*	50 °C
Max. ambient temperature *T*	40 °C
Max. operating pressure *p*	16 bar
Pipe connection on the pressure side *DNd*	DN 100
Pipe connection on the suction side *DNs*	DN 100
Number of standby pumps	1
Number of operating pumps	3

Materials

Pump housing	1.4301, X5CrNi18-10
Shaft	1.4301, X5CrNi18-10
Gasket material	EPDM
Mechanical seal	Q1BE3GG

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 % %
Insulation class	F
Protection class	IP55
Rated power P_2	7.50 kW
Rated current I_N	13.70 A
Motor efficiency η_M *50%*	89.8
Motor efficiency η_M *75%*	90.5
Motor efficiency η_M *100%*	90.1

Information for order placements

Net weight, approx. *m*	573 kg
Article number	4142484
Brand	Wilo