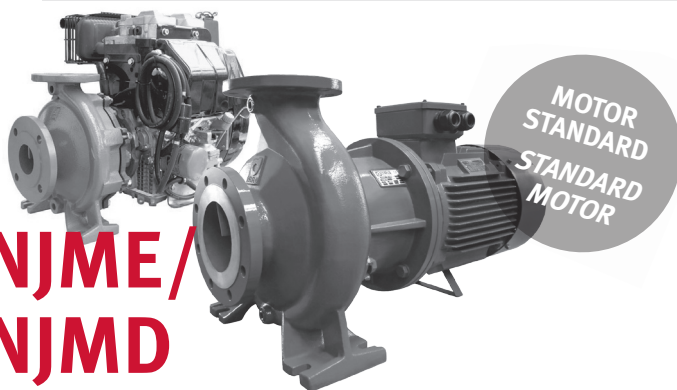


NNJME/ NNJMD

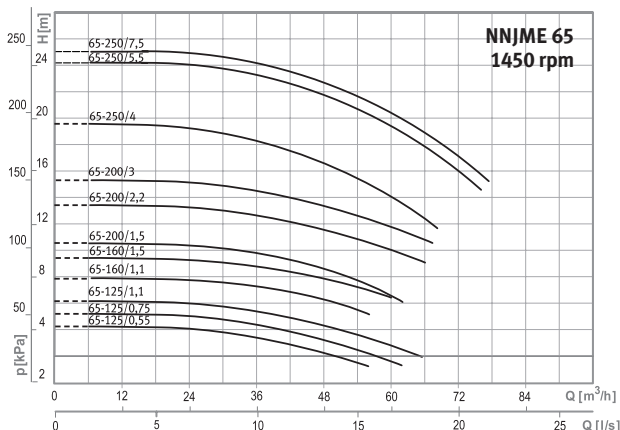
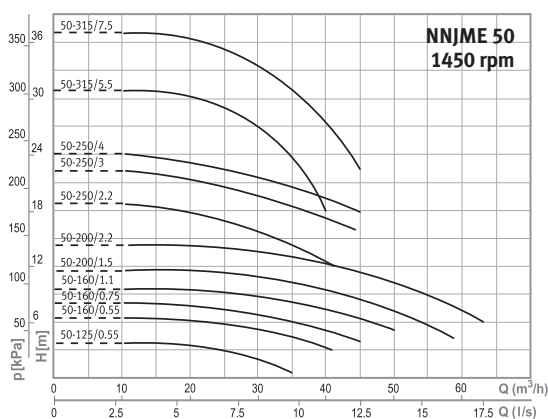
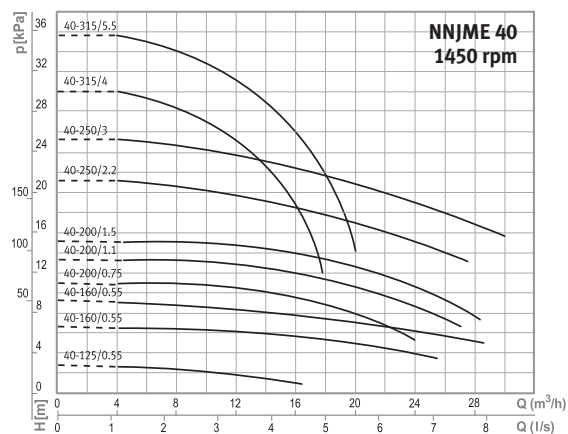
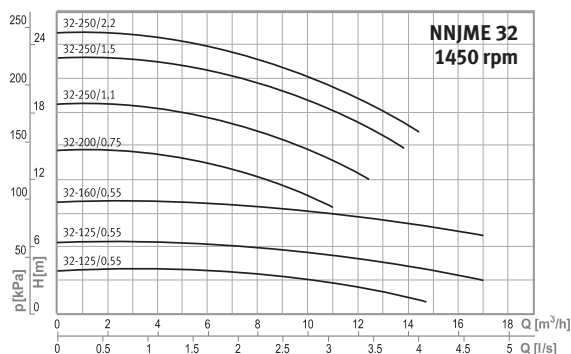


A série **NNJME** é constituída por eletrobombas, normalizadas segundo EN733 (DIN 24255) monobloco, com impulsor radial do tipo fechado, permite a utilização de um motor standard IEC.

A série **NNJMD** é constituída por motobombas.

NNJME series consists of electropumps normalized according to EN733 (DIN2455) standard, monobloc, with closed radial impeller type, coupled to any standard electric motor.

NNJMD series consists of motopumps.



▶ APLICAÇÕES

- Sistemas de rega
- Circulação de água fria ou quente
- Distribuição de água
- Sistemas de arrefecimento
- Bombagem em processos industriais

▶ MATERIAIS DE CONSTRUÇÃO

- Corpo da bomba: Ferro fundido
- Impulsor: Ferro fundido ou bronze
- Veio: Aço Inoxidável
- Tipo de empanque: Mecânico
- Corpo de aspiração e descarga: Ferro fundido
- Opções especiais: Pode ser fornecida integralmente em bronze ou bronze marinho.

▶ LIMITES DE UTILIZAÇÃO

- Caudal máximo: até 290 m³/h
- Altura manométrica máxima: até 103 m
- Temperatura do líquido: até +120°C
- Pressão máxima de serviço: 10 bar
- Temperatura ambiente máxima: 40°C

▶ CARACTERÍSTICAS DO MOTOR

- Tensão: 3x400 V
- Classe de isolamento: F
- Classe de proteção: IP55
- Rotação: 1450 e 2900 r.p.m.
- Disponível em IE2, IE3 sob pedido

▶ APPLICATIONS

- Irrigation systems
- Circulation of cold or hot water
- Water distribution
- Cooling systems
- Pumping for industrial uses

▶ CONSTRUCTION MATERIALS

- Pump body: Cast iron
- Impeller: Cast iron or bronze
- Shaft: Stainless Steel
- Seal type: Mechanical
- Suction and discharge body: Cast iron
- Special options: May be supplied entirely in bronze or bronze for sea water.

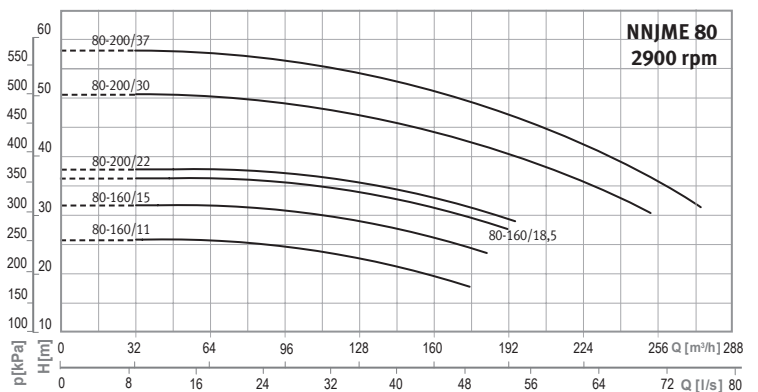
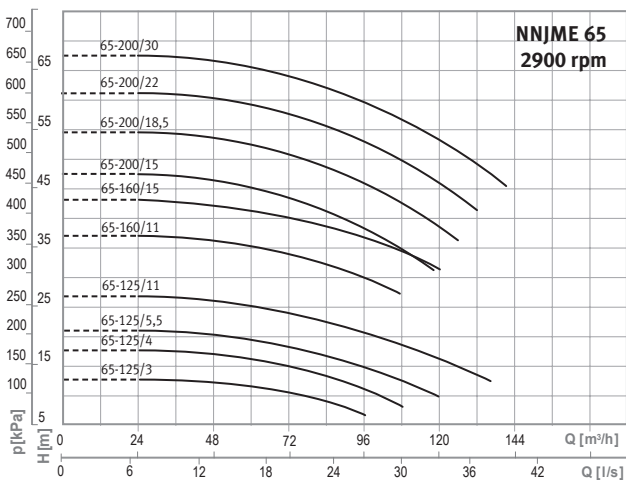
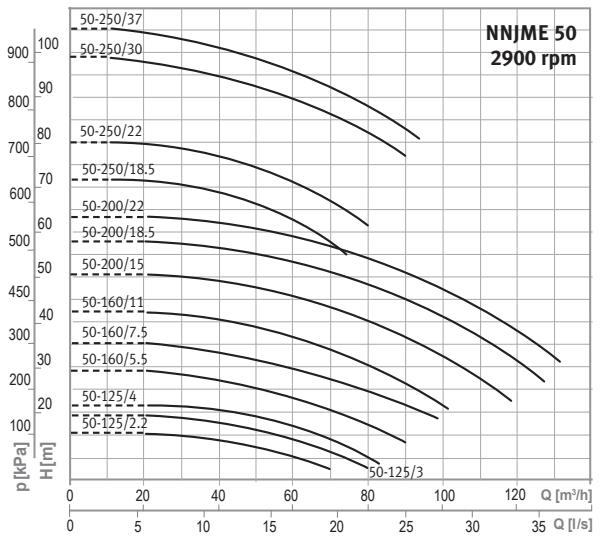
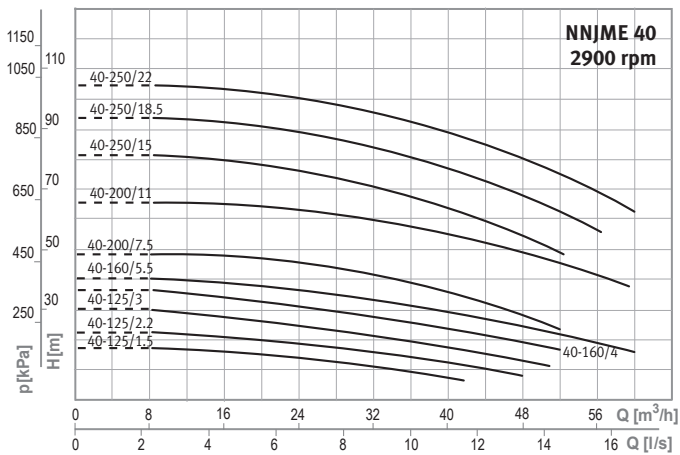
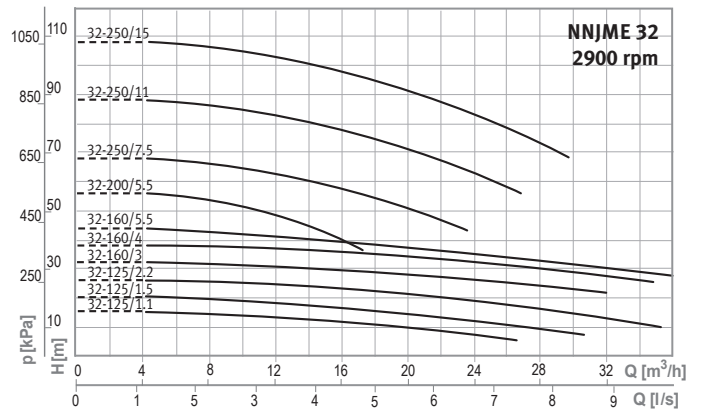
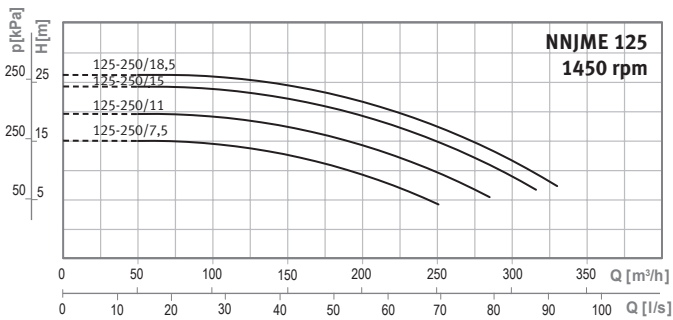
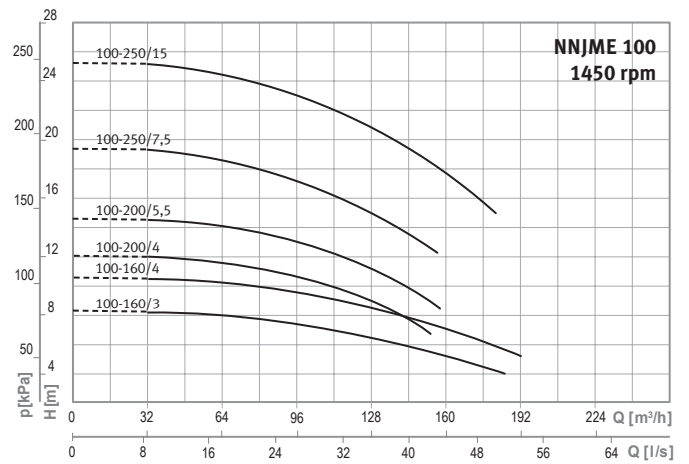
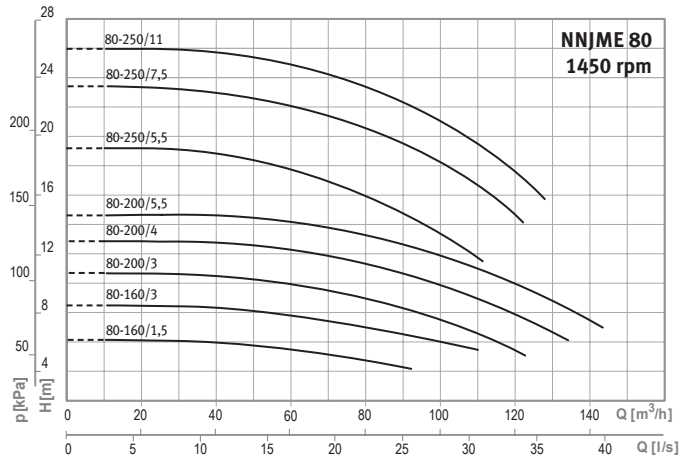
▶ WORKING LIMITS

- Maximum flow rate: up to 290 m³/h
- Maximum head: up to 103 m
- Liquid temperature: up to +120°C
- Maximum operating pressure: 10 bar
- Maximum ambient temperature: 40°C

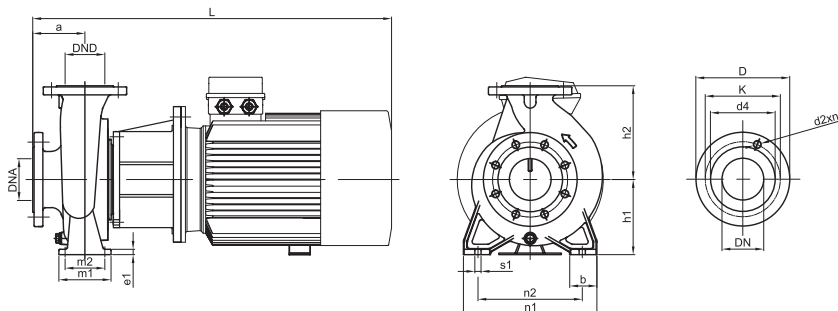
▶ MOTOR SPECIFICATIONS

- Voltage: 3x400 V
- Insulation class: F
- Protection class: IP55
- Rotation: 1450 and 2900 r.p.m.
- Available in IE2, IE3 on demand

NNJME/NNJMD Bombas Monobloco Normalizadas EN733 | Normalized Close-coupled Pumps EN733



DIN 2501 PN 16
DN 32, 40, 50, 65, 80, 100, 125, 150
DIN 2501 PN 10
DN 200, 250, 300, 350, 400

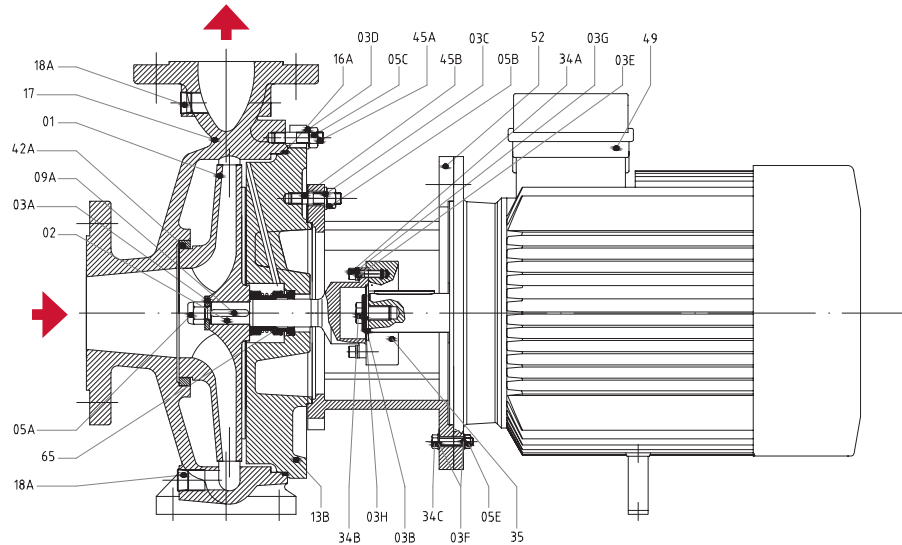


DN	32	40	50	65	80	100	125	150	200	250	300	350	400
ØD	140	150	165	185	200	220	250	285	340	395	445	505	565
ØK	100	110	125	145	160	180	210	240	295	350	400	460	515
d4	78	88	102	122	138	158	188	212	268	320	378	430	482
d2	18	18	18	18	18	18	18	22	23	23	23	23	27
n	4	4	4	4	4	8	8	8	8	12	12	16	16

MODELO MODEL 1450 RPM	POTÊNCIA POWER (kW)	Ø (mm)		DIMENSÕES DIMENSIONS (mm)											PESO WEIGHT (Kg)
		DNA	DND	a	h1	h2	b	e1	m1	m2	n1	n2	s1	L	
NNJME 32-125/0.55/4	0,55	50	32	80	112	140	50	14	100	70	190	140	14	515	43
NNJME 32-160/0.55/4	0,55	50	32	80	132	160	50	14	100	70	240	190	14	518	42
NNJME 32-200/0.55/4	0,55	50	32	80	160	180	50	15	100	70	240	190	14	519	51
NNJME 32-200/0.75/4	0,75	50	32	80	160	180	50	15	100	70	240	190	14	519	52
NNJME 32-250/1.1/4	1,1	50	32	100	180	225	60	16	125	95	320	250	14	569	70
NNJME 32-250/1.5/4	1,5	50	32	100	180	225	60	16	125	95	320	250	14	589	73
NNJME 32-250/2.2/4	2,2	50	32	100	180	225	60	16	125	95	320	250	14	669	81
NNJME 40-125/0.55/4	0,55	65	40	80	112	140	65	14	100	70	210	160	14	515	44
NNJME 40-160/0.55/4	0,55	65	40	80	132	160	65	14	100	70	240	190	14	518	44
NNJME 40-160/0.75/4	0,75	65	40	80	132	160	65	14	100	70	240	190	14	518	46
NNJME 40-200/0.75/4	0,75	65	40	100	160	180	65	15	100	70	265	212	14	539	54
NNJME 40-200/1.1/4	1,1	65	40	100	160	180	65	15	100	70	265	212	14	589	61
NNJME 40-250/1.5/4	1,5	65	40	100	180	225	65	16	125	95	320	250	14	589	75
NNJME 40-250/2.2/4	2,2	65	40	100	180	225	65	16	125	95	320	250	14	669	83
NNJME 50-125/0.55/4	0,55	65	50	100	132	160	50	14	100	70	240	190	14	538	47
NNJME 50-125/0.75/4	0,75	65	50	100	132	160	50	14	100	70	240	190	14	538	48
NNJME 50-160/0.75/4	0,75	65	50	100	160	180	50	14	100	70	265	212	14	538	49
NNJME 50-160/1.1/4	1,1	65	50	100	160	180	50	14	100	70	265	212	14	588	56
NNJME 50-200/1.1/4	1,1	65	50	100	160	200	50	15	100	70	265	212	14	589	66
NNJME 50-200/1.5/4	1,5	65	50	100	160	200	50	15	100	70	265	212	14	589	69
NNJME 50-200/2.2/4	2,2	65	50	100	160	200	50	15	100	70	265	212	14	669	77
NNJME 50-250/3.0/4	3	65	50	100	180	225	65	16	100	70	320	250	14	669	88
NNJME 50-250/4.0/4	4	65	50	100	180	225	65	16	100	70	320	250	14	607	94
NNJME 65-125/0.55/4	0,55	80	65	100	160	180	65	15	125	95	280	212	14	538	51
NNJME 65-125/0.75/4	0,75	80	65	100	160	180	65	15	125	95	280	212	14	538	52
NNJME 65-125/1.1/4	1,1	80	65	100	160	180	65	15	125	95	280	212	14	588	59
NNJME 65-160/1.1/4	1,1	80	65	100	160	200	65	15	125	95	280	212	14	588	61
NNJME 65-160/1.5/4	1,5	80	65	100	160	200	65	15	125	95	280	212	14	563	64
NNJME 65-160/2.2/4	2,2	80	65	100	160	200	65	15	125	95	280	212	14	668	72
NNJME 65-200/2.2/4	2,2	80	65	100	180	225	65	16	125	95	320	250	14	669	80
NNJME 65-200/3.0/4	3	80	65	100	180	225	65	16	125	95	320	250	14	669	83
NNJME 65-250/4.0/4	4	80	65	100	200	250	80	16	160	120	360	280	18	642	112
NNJME 65-250/5.5/4	5,5	80	65	100	200	250	80	16	160	120	360	280	18	712	144
NNJME 65-250/7.5/4	7,5	80	65	100	200	250	80	16	160	120	360	280	18	752	155
NNJME 80-160/1.5/4	1,5	100	80	125	180	225	65	15	125	95	320	250	14	613	70
NNJME 80-160/2.2/4	2,2	100	80	125	180	225	65	15	125	95	320	250	14	693	78
NNJME 80-160/3.0/4	3	100	80	125	180	225	65	15	125	95	320	250	14	693	82
NNJME 80-200/3.0/4	3	100	80	125	180	250	65	16	125	95	345	280	14	698	104
NNJME 80-200/4.0/4	4	100	80	125	180	250	65	16	125	95	345	280	14	668	110
NNJME 80.200/5.5/4	5,5	100	80	125	180	250	65	16	125	95	345	280	14	737	142
NNJME 80-250/5.5/4	5,5	100	80	125	200	280	80	20	160	120	400	315	18	737	152
NNJME 80-250/7.5/4	7,5	100	80	125	200	280	80	20	160	120	400	315	18	777	163
NNJME 80-250/11.0/4	11	100	80	125	200	280	80	20	160	120	400	315	18	882	205
NNJME 100-160/3.0/4	3	125	100	125	200	280	65	16	125	95	345	280	14	726	91
NNJME 100-160/4.0/4	4	125	100	125	200	280	80	18	160	120	360	280	18	696	97
NNJME 100-200/4.0/4	4	125	100	125	200	280	80	20	160	120	360	280	18	687	116
NNJME 100-200/5.5/4	5,5	125	100	125	200	280	80	20	160	120	360	280	18	757	148
NNJME 100-200/7.5/4	7,5	125	100	125	200	280	80	20	160	120	360	280	18	797	159
NNJME 100-250/7.5/4	7,5	125	100	140	225	280	80	20	160	120	400	315	18	812	172
NNJME 100-250/11.0/4	11	125	100	140	225	280	80	20	160	120	400	315	18	917	214
NNJME 100-250/15.0/4	15	125	100	140	225	280	80	20	160	120	400	315	18	972	228
NNJME 125-250/7.5/4	7,5	150	125	140	250	355	80	20	160	120	400	315	18	812	193
NNJME 125-250/11.0/4	11	150	125	140	250	355	80	20	160	120	400	315	18	917	235
NNJME 125-250/15.0/4	15	150	125	140	250	355	80	20	160	120	400	315	18	972	249
NNJME 125-250/18.5/4	18,5	150	125	140	250	355	80	20	160	120	400	315	18	1002	283

NNJME/NNJMD Bombas Monobloco Normalizadas EN733 | Normalized Close-coupled Pumps EN733

MODELO MODEL 2900 RPM	POTÊNCIA POWER (kW)	Ø (mm)		DIMENSÕES DIMENSIONS (mm)											PESO WEIGHT (kg)
		DNA	DND	a	h1	h2	b	e1	m1	m2	n1	n2	s1	L	
NNJME 32-125/1.1/2	1,1	50	32	80	112	140	50	14	100	70	190	140	14	518	44,1
NNJME 32-125/1.5/2	1,5	50	32	80	112	140	50	14	100	70	190	140	14	568	49
NNJME 32-125/2.2/2	2,2	50	32	80	112	140	50	14	100	70	190	140	14	598	53
NNJME 32-125/3.0/2	3	50	32	80	112	140	50	14	100	70	190	140	14	648	62
NNJME 32-160/3.0/2	3	50	32	80	132	160	50	14	100	70	240	190	14	648	70
NNJME 32-160/4.0/2	4	50	32	80	132	160	50	14	100	70	240	190	14	618	92
NNJME 32-200/3.0/2	3	50	32	80	160	180	50	15	100	70	240	190	14	649	70
NNJME 32-200/4.0/2	4	50	32	80	160	180	50	15	100	70	240	190	14	619	78
NNJME 32-200/5.5/2	5,5	50	32	80	160	180	50	15	100	70	240	190	14	689	101
NNJME 32-200/7.5/2	7,5	50	32	80	160	180	50	15	100	70	240	190	14	689	108
NNJME 32-250/7.5/2	7,5	50	32	100	180	225	65	16	125	95	320	250	14	709	119
NNJME 32-250/11.0/2	11	50	32	100	180	225	65	16	125	95	320	250	14	854	171
NNJME 32-250/15.0/2	15	50	32	100	180	225	65	16	125	95	320	250	14	854	181
NNJME 40-125/1.5/2	1,5	65	40	80	112	140	50	14	100	70	210	160	14	560	50
NNJME 40-125/2.2/2	2,2	65	40	80	112	140	50	14	100	70	210	160	14	598	54
NNJME 40-125/3.0/2	3	65	40	80	112	140	50	14	100	70	210	160	14	648	63
NNJME 40-160/3.0/2	3	65	40	80	112	140	50	14	100	70	240	190	14	648	64
NNJME 40-160/4.0/2	4	65	40	80	132	160	50	14	100	70	240	190	14	618	72
NNJME 40-160/5.5/2	5,5	65	40	80	132	160	50	14	100	70	240	190	14	688	95
NNJME 40-200/5.5/2	5,5	65	40	100	160	180	50	15	100	70	265	212	14	709	103
NNJME 40-200/7.5/2	7,5	65	40	100	160	180	50	15	100	70	265	212	14	709	110
NNJME 40-200/11.0/2	11	65	40	100	160	180	50	15	100	70	265	212	14	854	163
NNJME 40-250/11.0/2	11	65	40	100	180	225	65	16	125	95	320	250	14	854	174
NNJME 40-250/15.0/2	15	65	40	100	180	225	65	16	125	95	320	250	14	854	184
NNJME 40-250/18.5/2	18,5	65	40	100	180	225	65	16	125	95	320	250	14	909	199
NNJME 40-250/22.0/2	22	65	40	100	180	225	65	16	125	95	320	250	14	939	229
NNJME 50-125/2.2/2	2,2	65	50	100	132	160	50	14	100	70	240	190	14	618	57
NNJME 50-125/3.0/2	3	65	50	100	132	160	50	14	100	70	240	190	14	668	66
NNJME 50-125/4.0/2	4	65	50	100	132	160	50	14	100	70	240	190	14	638	74
NNJME 50-125/5.5/2	5,5	65	50	100	132	160	50	14	100	70	240	190	14	724	97
NNJME 50-160/5.5/2	5,5	65	50	100	160	160	50	14	100	70	265	212	14	708	99
NNJME 50-160/7.5/2	7,5	65	50	100	160	180	50	14	100	70	265	212	14	708	106
NNJME 50-160/11.0/2	11	65	50	100	160	180	50	14	100	70	265	212	14	853	158
NNJME 50-200/11.0/2	11	65	50	100	160	200	50	15	100	70	265	212	14	854	168
NNJME 50-200/15.0/2	15	65	50	100	160	200	50	15	100	70	265	212	14	854	185
NNJME 50-200/18.5/2	18,5	65	50	100	160	200	50	15	100	70	265	212	14	909	186
NNJME 50-200/22.0/2	22	65	50	100	160	200	50	15	100	70	265	212	14	939	217
NNJME 50-250/15.0/2	15	65	50	100	180	225	65	16	100	70	320	250	14	854	185
NNJME 50-250/18.5/2	18,5	65	50	100	180	225	65	16	100	70	320	250	14	909	200
NNJME 50-250/22.0/2	22	65	50	100	180	225	65	16	100	70	320	250	14	909	230
NNJME 50-250/30.0/2	30	65	50	100	180	225	65	16	100	70	320	250	14	1009	288
NNJME 65-125/3.0/2	3	80	65	100	160	180	65	15	125	95	280	212	14	668	70
NNJME 65-125/4.0/2	4	80	65	100	160	180	65	15	125	95	280	212	14	638	78
NNJME 65-125/5.5/2	5,5	80	65	100	160	180	65	15	125	95	280	212	14	608	102
NNJME 65-125/7.5/2	7,5	80	65	100	160	180	65	15	125	95	280	212	14	708	109
NNJME 65-125/11/2	11	80	65	100	160	200	65	15	125	95	280	212	14	853	161
NNJME 65-160/7.5/2	7,5	80	65	100	160	200	65	15	125	95	280	212	14	708	110
NNJME 65-160/11.0/2	11	80	65	100	160	200	65	15	125	95	280	212	14	853	162
NNJME 65-160/15.0/2	15	80	65	100	160	200	65	15	125	95	280	212	14	853	172
NNJME 65-200/15.0/2	15	80	65	100	160	225	65	16	125	95	320	250	14	854	181
NNJME 65-200/18.5/2	18,5	80	65	100	160	225	65	16	125	95	320	250	14	909	196
NNJME 65-200/22.0/2	22	80	65	100	180	225	65	16	125	95	320	250	14	939	226
NNJME 65-200/30.0/2	30	80	65	100	180	225	65	16	125	95	320	250	14	1009	283
NNJME 80-160/11.0/2	11	100	80	125	180	225	65	15	125	95	320	250	14	878	169
NNJME 80-160/15.0/2	15	100	80	125	180	225	65	15	125	95	320	250	14	878	179
NNJME 80-160/18.5/2	18,5	100	80	125	180	225	65	15	125	95	320	250	14	933	194
NNJME 80-160/22.0/2	22	100	80	125	180	225	65	15	125	95	320	250	14	963	224
NNJME 80-200/30.0/2	30	100	80	125	200	250	65	16	125	95	340	280	14	1044	297
NNJME 80-200/37.0/2	37	100	80	125	200	250	65	16	125	95	340	280	14	1044	309



Item	Quant.	DESIGNAÇÃO DESIGNATION	MATERIAIS MATERIALS		
			G	Qi	Q
01	1	Impulsor Impeller	EN-GJL-250	G-CuSn10	G-CuSn10
02	1	Veio Shaft	X20 Cr13	X20 Cr13	X20 Cr13
03A	1	Anilha do impulsor Impeller washer	X20 Cr13	X20 Cr13	X20 Cr13
03B	1	Anilha especial Special washer	X20 Cr13	X20 Cr13	X20 Cr13
03C	6	Anilha Washer	Aço Steel	Aço Steel	Aço Steel
03D/F	*	Anilha Washer	Aço Steel	Aço Steel	Aço Steel
03E	4	Anilha Washer	Aço Steel	Aço Steel	Aço Steel
03H	1	Anilha Washer	Aço Steel	Aço Steel	Aço Steel
05A	1	Porca autoblocante Self-locking nut	AISI 304	AISI 304	AISI 304
05B	4	Porca Nut	Aço Steel	Aço Steel	Aço Steel
05C/E	*	Porca Nut	Aço Steel	Aço Steel	Aço Steel
09A	1	Chaveta do impulsor Impeller key	DIN EN 1652	DIN EN 1652	AISI 316
13B	1	Tampa do corpo Key	EN-GJL-250	EN-GJL-250	G-CuSn10
16A	1	Junta tórica O'ring	Nitrile	Nitrile	Nitrile
17	1	Corpo Casing	EN-GJL-250	EN-GJL-250	G-CuSn10
18A	2	Tampão Plug	Aço Steel	Aço Steel	AISI 316
34A	4	Parafuso Screw	Aço Steel	Aço Steel	Aço Steel
34B	1	Parafuso Screw	Aço Steel	Aço Steel	Aço Steel
34C	*	Parafuso Screw	Aço Steel	Aço Steel	Aço Steel
52A	1	Luva/União Joint	X20 Cr13	X20 Cr13	X20 Cr13
42	1	Anel de desgaste Case wear ring	EN-GJL-250	EN-GJL-250	EN-GJL-250
45A	*	Perno Stud	Aço Steel	Aço Steel	Aço Steel
45B	6	Perno Stud	Aço Steel	Aço Steel	Aço Steel
49	1	Motor Motor			

Designação | Designation

Série **NNJME 65 - 200 Qi - c**
NNJME - Eletrobomba
NNJMD - Motobomba
 Diâmetro nominal da saída _____
 Diâmetro nominal do impulsor _____
 Código dos materiais da execução _____

- G** Ferro fundido EN-GJL-250
- Qi** Ferro fundido EN-GJL-250 c/ impulsor em bronze
- Q** Bronze G-CuSn10

Especificações complementares _____

- c** Empanque de gacheta
- b** Chumaceira lubrificada com óleo
- s** Execução especial

Serie **NNJME 65 - 200 Qi - c**
NNJME - Electropump
NNJMD - Motopump
 Nominal outlet diameter _____
 Impeller nominal diameter _____
 Code of execution materials _____

- G** Cast iron EN-GJL-250
- Qi** Cast iron EN-GJL-250 with impeller in bronze
- Q** Bronze G-CuSn10

Complementary specifications _____

- c** Gland packing
- b** Oil bearing bracket
- s** Special execution