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*Simply the BEST*

Sumoto motors run EBARA pumps

# 3TP

new 3" high speed EBARA pump.



## MAIN FEATURES

- ✓ Plug & Play - friendly usage
- ✓ Single-phase 230V input (power source)
- ✓ Easy to handle and install
- ✓ Compact and robust construction
- ✓ High efficiency pump and motor
- ✓ Energy saving
- ✓ Plug in type motor cable: available with 15, 30, 45 and 60 m length
- ✓ Additional controls may be installed
- ✓ Soft start
- ✓ Fully protected:
  - Over temperature protection
  - Dry-running protection
  - Over load protection
  - High/low voltage protection
  - Phase failure protection
  - Surge voltage protection

## PUMP SPECIFICATION

Capacity (best efficiency point)	[m <sup>3</sup> /h]	2 - 3 - 5
Head	[m]	Max. 147
Maximum temperature of the liquid	[°C]	35
Maximum immersion	[m]	150
Maximum presence of sand	[ppm]	50
Material	Discharge and suction casing	ASTM CF8 (SCS13)
	Impeller, Interstage casing, Diffuser	PPO mod glass fiber reinforced
	Shaft	AISI 304

## MOTOR SPECIFICATION

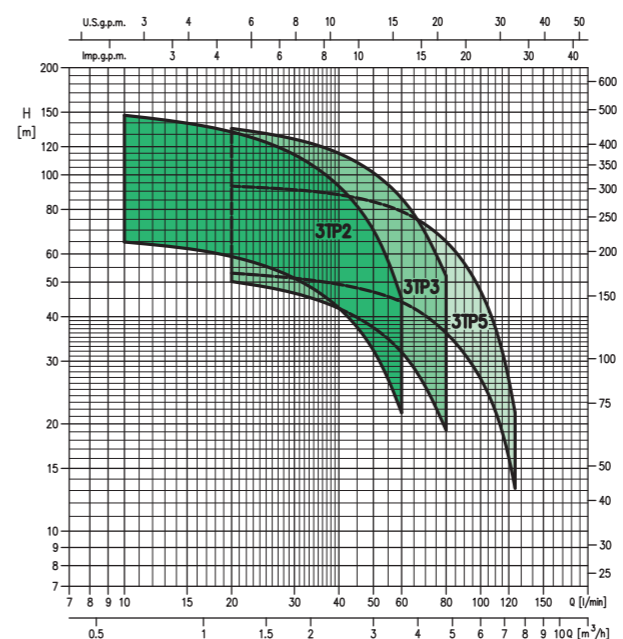
Type	Three-phase induction motor built in VFD	
Voltage	[V]	230
Frequency	[Hz]	50 / 60
Output	[kW]	0,6 - 0,9 - 1,5
Rotation speed	[min <sup>-1</sup> ]	8400



## APPLICATIONS

- ✓ Domestic water supply systems (manufactured accordingly to TIFQ, ACS, WRAS and all the European certification for domestic drinking water)
- ✓ Small waterworks
- ✓ Irrigation and water pumping in general
- ✓ Water transferring
- ✓ Pressure boosting of clear water for agriculture, domestic or industrial use
- ✓ Adapting old unusable 4" water wells

## PERFORMANCE RANGE (according to ISO 9906 Attachment A)



## RANGE

Model	Stage	Connection size	Motor power [kW]	Capacity [m <sup>3</sup> /h]	Head [m]	Dimension [mm]	
						Without PFC	With PFC
3TP2	4	Rp 1"	0,6	3,3	57,6	894	918
	6	Rp 1"	0,9	3,3	81	973	997
	9	Rp 1"	1,5	3,3	128	-	1200
3TP3	3	Rp 1"	0,6	4,5	48	870	894
	5	Rp 1"	0,9	4,5	77	950	974
	8	Rp 1"	1,5	4,5	127	-	1175
3TP5	4	Rp 1 1/4"	0,9	7,5	52	946	970
	7	Rp 1 1/4"	1,5	7,5	90,9	-	1187