

STO HORIZONTAL MULTI-STAGE PUMPS



Construction:

- Cast iron suction & delivery casing
- Stainless steel external jacket
- Stainless steel shaft
- Stainless steel impeller
- Carbon/ceramic shaft seal
- Noryl diffuser**

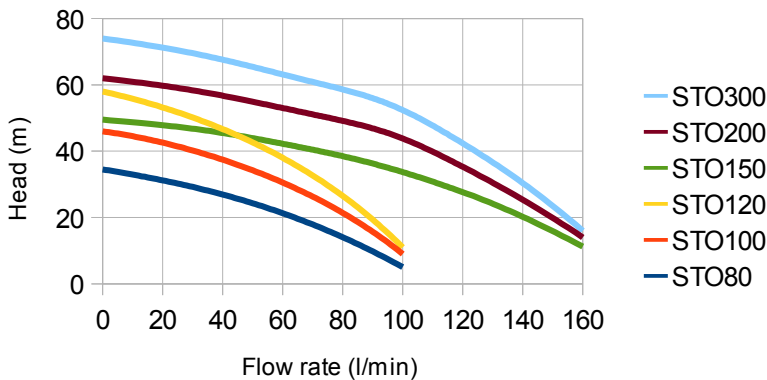
Close-coupled motor:

- Rated for continuous duty
- 240 V single phase
- Asynchronous 2 pole
- Enclosed with external ventilation
- Insulation class B
- Protection IP44

A multi-stage pump with high efficiency and low energy consumption, for clean water and non-aggressive liquids.

It is suitable for water supply, irrigation systems, water transfer and wash-down applications.

The standard pump can be used with a float switch or manually controlled. Alternatively it can be supplied fitted with pressure switch and gauge for use as a booster set together with a pressure vessel.



The pump should be installed in an enclosure for weather protection.

As it is not self-priming, it is essential to fit a foot-valve or non-return valve on the pump suction.

Max. liquid temperature: 45°C
Max. operating pressure: 10bar

	kW	A-1ph	A-3ph	Flow (l/min)	Head (m)													kg	In	Out
					0	20	40	60	80	100	120	140	160							
STO80	0.59	4.2	2.8		34.5	31.5	28	22.5	15	5					12	1"	1"			
STO100	0.75	6	3.8		46	43.5	38.5	32	23.5	9					14	1"	1"			
STO120	0.88	7.2	4.5		58	54	48	40	29	11					15	1"	1"			
STO150	1.1	9	6		49.5	48	46	42	39.2	34	28	20.8	11.2	20	1¼"	1¼"				
STO200	1.5	11	4.2		62	60	57	53	49	46	35	26	14	21	1¼"	1¼"				
STO300	2.2	12.5	9.4		74	71.5	68	63	58.5	55	42	31.5	16	28	1¼"	1¼"				