

Centrifugal Pump - Twin Impellers

Operating Limits:

- Max. liquid temperature: 60°C
- H version: max. liquid temperature 110°C
- Max. ambient temperature: 40°C
- Maximum working pressure: 8 bar

Motor:

- Two-Pole induction motor (n=2900 r.p.m.)
- Insulation Class F
- Protection Class IP55
- Standard voltage: 1 phase 230V $\pm$ 10% 50Hz
3 phase 230/400V $\pm$ 10% 50Hz
- Single-phase: permanent split capacitor and automatic thermal overload protection
- Three-phase: thermal protection

Material:

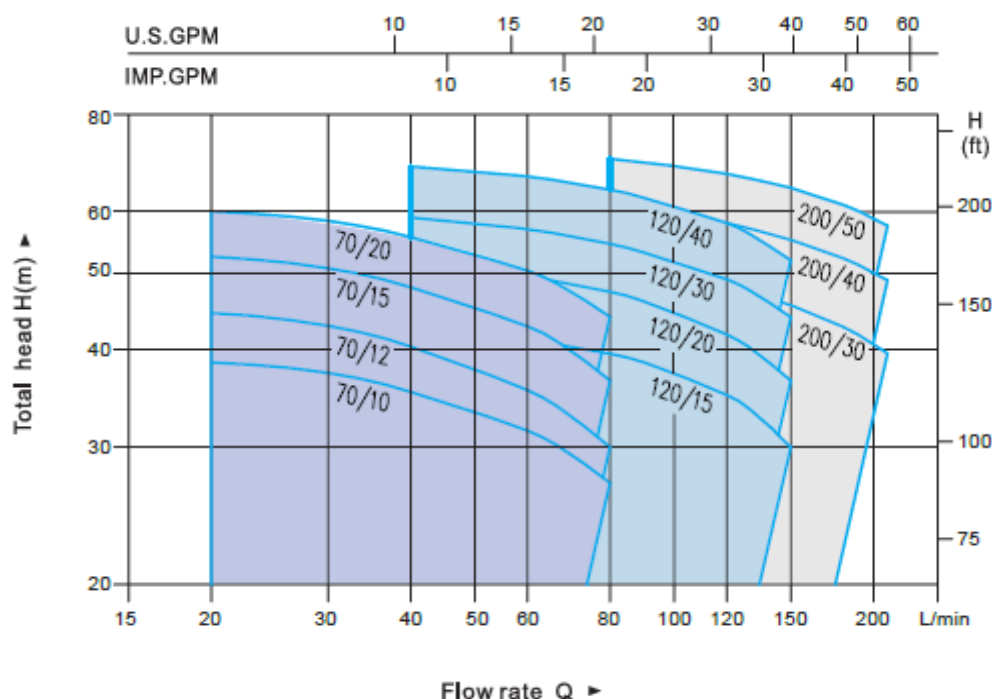
- Pump body, impeller, diffuser and casing cover in AISI 304
- Shaft in AISI 304
- Bracket and motor casing in aluminum
- Mechanical seal in carbon/ceramic/NBR
- Special mechanical seal are available on demand



Application:

- Twin impeller centrifugal pumps with hydraulic components constructed in stainless steel AISI 304, suitable for pressure boosting, water supply, water treatment & irrigation. Air conditioning systems and general water pumping including moderately aggressive liquids.

PERFORMANCE CHART AT DIFFRENT SPEED



MODEL		POWER P2(KW)	RATED FLOW (m ³ /h)	RATED HEAD (m)	INLET/ OUTLET	G.W (kg)	PACKING DIMENSION/UNIT (mm)
Single-phase	Three-phase						
HPS70/10	HPS70/10T	0.75	4.2	29	1¼"x1"	11.8	405x235x270
HPS70/12	HPS70/12T	0.9	4.2	32	1¼"x1"	12.9	425x235x270
HPS70/15	HPS70/15T	1.1	4.2	38	1¼"x1"	15	425x255x330
HPS70/20	HPS70/20T	1.5	4.2	46	1¼"x1"	16.5	440x255x330
HPS120/15	HPS120/15T	1.1	7.2	35	1¼"x1"	15	425x235x300
HPS120/20	HPS120/20T	1.5	7.2	41	1¼"x1"	16.5	445x235x300
HPS120/30	HPS120/30T	2.2	7.2	49	1¼"x1"	24	455x255x330
-	HPS120/40T	3.0	7.2	58	1¼"x1"	24.1	475x255x330
HPS200/30	HPS200/30T	2.2	12	40	1½"x1"	23	455x235x315
-	HPS200/40T	3.0	12	50	1½"x1"	24.1	475x255x315
-	HPS200/50T	3.7	12	59	1½"x1"	30.8	505x255x340