

Stainless Steel Centrifugal Pump

Operating Limits:

- Liquid temperature:
Normal temperature type +15℃~+70℃
Hot water type + 70℃ ~105℃
- Max. ambient temperature: 40℃
- Max. operation pressure: 10 bar
- Max. inlet pressure is limited by Max. operation pressure
- Continuous duty

Motor:

- T.E.F.C. continuous duty
- Voltage: **50Hz:** 1x220~240V
3x220~240V/380~415V
60Hz: 1x220~240V
3x220~240V/380~415V
- Insulation class: F
- Protection class: IP55
- Speed: 2900rpm
- Single-phase motor built in thermal protector

Materials:

- Pump body, back-cover, impeller, shaft and guide plate in AISI 304
- Bracket and motor casing: Aluminum
- Mechanical seal: Ceramic / Graphite / NBR

Applications:

The pumps are suitable for transporting clean media which are non-aggressive to stainless steel AISI304 or AISI316.

- Water supply systems
- Pressure boiler feeding
- Pure water treating systems
- Pharmaceutical & food stuff
- Refining chemical industries
- Washing and sprinkling

Structure Diagram:

MATERIAL HBD

NO.	NAME	MATERIAL
1	Motor	
2	Mechanical seal	Cermic/Graphite/NBR
3	Back cover	Stainless steel AISI304
4	" O " ring	NBR
5	Impeller	Stainless steel AISI304
6	Pump body	Stainless steel AISI304
7	" O " ring	NBR
8	Washer	Stainless steel AISI304
9	Priming / Drain plug	Stainless steel AISI304
10	Impeller nut	Stainless steel AISI304
11	Spring washer	Stainless steel AISI304
12	Shaft	Stainless steel AISI304
13	Slinger	NBR

Connotation of the Type:

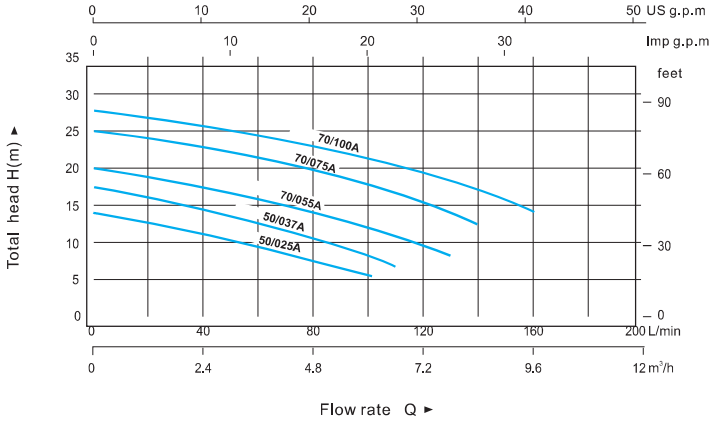
HBD 70 / 150 A (T)

- "T" stand for three phases
- Type
- Motor power: 1.5KW
- Rated flow: 70L/min
- Stainless steel centrifugal pump

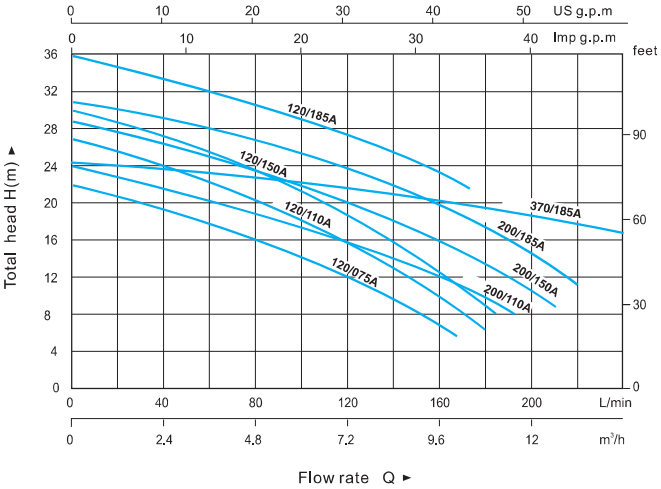


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PERFORMANCE CHART AT n=2900 r/min



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MODEL		POWER(P2)		INLET/ OUTLET	MAX.FLOW (L/min)	MAX.HEAD (m)	G.W (kg)	PACKING DIMENSION/UNIT (mm)	QTY/20' GP (UNIT)
SINGLE PHASE	THREE PHASE	KW	HP						
HBD50/025A	HBD50/025AT	0.25	0.33	1¼"×1"	100	14	7	330×190×240	1800
HBD50/037A	HBD50/037AT	0.37	0.5	1¼"×1"	110	17	7.5	330×190×240	1800
HBD70/055A	HBD70/055AT	0.55	0.75	1¼"×1"	130	20	9.5	360×245×280	1140
HBD70/075A	HBD70/075AT	0.75	1	1¼"×1"	140	25	10.5	360×245×280	1140
HBD70/100A	HBD70/100AT	1.0	1.4	1¼"×1"	160	27	11	360×245×280	1140
HBD120/075A	HBD120/075AT	0.75	1	1¼"×1"	175	22	10.3	360×245×280	1140
HBD120/110A	HBD120/110AT	1.1	1.5	1¼"×1"	180	27	16	385×245×280	1070
HBD120/150A	HBD120/150AT	1.5	2	1¼"×1"	185	30	17	420×260×295	896
HBD120/185A	HBD120/185AT	1.85	2.5	1¼"×1"	170	36	18.5	420×260×295	896
HBD200/110A	HBD200/110AT	1.1	1.5	1¼"×1"	190	24	16	385×245×280	1070
HBD200/150A	HBD200/150AT	1.5	2	1½"×1"	210	29	19	420×260×295	1070
HBD200/185A	HBD200/185AT	1.85	2.5	1½"×1"	220	31	21	420×260×295	896
HBD370/185A	HBD370/185AT	1.85	2.5	2"×1½"	450	24	21.5	420×260×295	896