ABK

Semi-open Impeller
Stainless Steel Centrifugal Pump



Application

- Can be used to transfer liquids with light corrosive, requirement for health and containing impurities,etc.
- Suitable for industrial & domestic sewage system, food & beverage processing,farming,pumping water from river and lake,etc.
- Can be used at full head without overloading motor.

Pump

- AISI 304 pump body
- AISI 304 shaft
- Liquid temperature: -15℃ ~ +80℃
- Liquid PH value: 5 - 9
- Max.solid diameter: 19 mm

Motor

- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max. temperature: +40℃

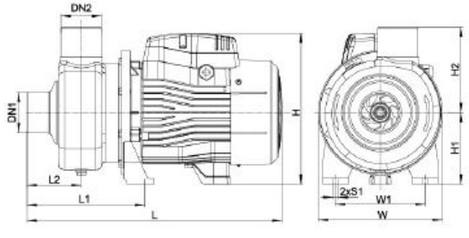
Identification Codes

ABK 200 D

- D — Single Phase Motor (Omitted for three-phase motor)
- 200 — Power x 100 (HP)
- ABK — Semi-open Impeller Pump

Technical Data

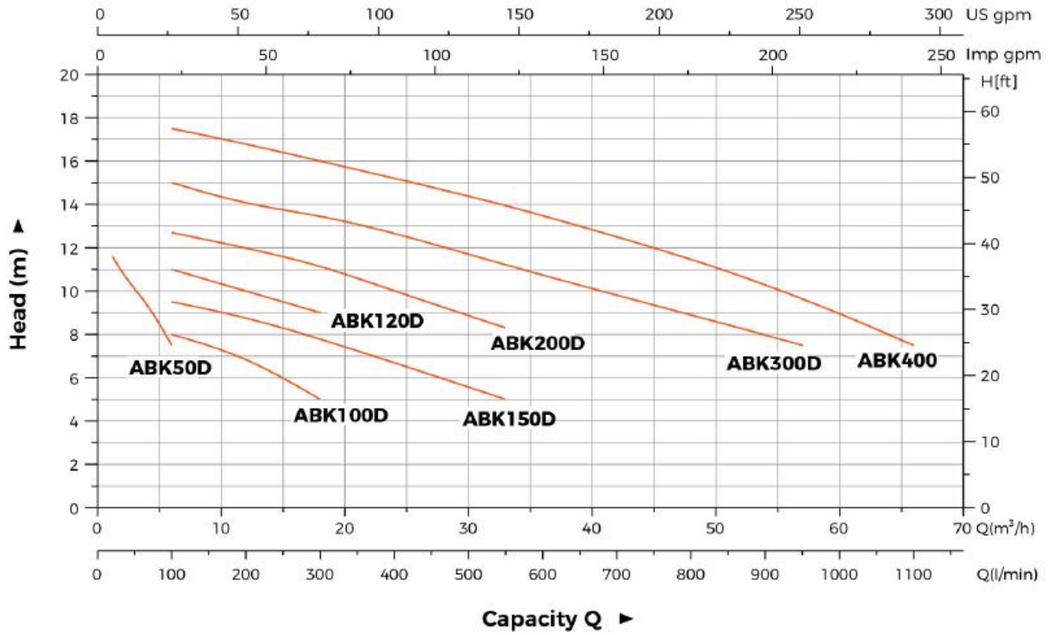
Model		Power		Q(m³/h)	1.2	2.4	3.6	4.8	6	12	18	24	33	42	48	57	66	Impeller passage (mm)
Single phase	Three phase	kW	HP	Q(l/min)	20	40	60	80	100	200	300	400	550	700	800	950	1100	
ABK50D	ABK50	0.37	0.5	H (m)	11.6	10.5	9.7	8.7	7.5	-	-	-	-	-	-	-	-	9
ABK100D	ABK100	0.75	1		-	-	-	-	8	7	5	-	-	-	-	-	-	12
ABK120D	ABK120	0.9	1.2		-	-	-	-	11	10	9	-	-	-	-	-	-	12
ABK150D	ABK150	1.1	1.5		-	-	-	-	9.5	8.8	7.8	6.7	5	-	-	-	-	12
ABK200D	ABK200	1.5	2		-	-	-	-	12.7	12	11.2	10	8.3	6.5	-	-	-	16
ABK300D	ABK300	2.2	3		-	-	-	-	15	14	13.5	12.7	11.2	9.8	8.9	7.5	-	16
-	ABK400	3	4		-	-	-	-	17.5	16.8	16	15.2	14	12.5	11.5	9.7	7.5	19



Dimension

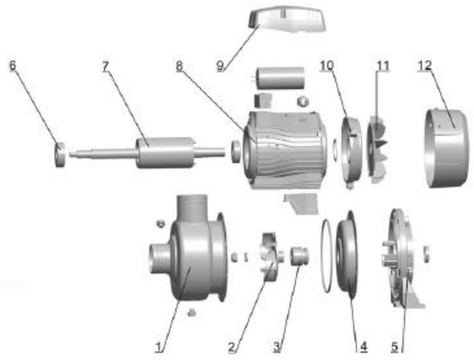
Model	Ports		L	L1	L2	H	H1	H2	W	W1	S1
	DN1	DN2	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
ABK50(D)	1¼"	1"	280	123	50	180	90	106	170	105	9
ABK100(D)	1½"	1½"	332	160	76	212	100	118	170	120	9
ABK120(D)	1½"	1½"	332	160	76	212	100	118	170	120	9
ABK150(D)	2"	2"	400	184	85	235	112	133	195	140	9
ABK200(D)	2"	2"	400	184	85	235	112	133	195	140	9
ABK300(D)	2½"	2"	450	184	85	252	117	133	195	140	9
ABK400	2½"	2"	450	184	85	252	117	133	195	140	9

Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Pump body	AISI 304
2	Impeller	AISI 304
3	Mechnical seal	Sic/Carbon
4	Bracket cover	AISI 304
5	Support	ZL102
6	Bearing	
7	Rotor	
8	Stator	
9	Terminal box	PC/ABS
10	Rear cover	ZL102
11	Fan	PP-GF30
12	Fan cover	08F



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
ABK50(D)	6.5	310	190	215	2130
ABK100(D)	9.6	360	200	235	1566
ABK120(D)	10.7	360	200	235	1566
ABK150(D)	14	420	235	265	1032
ABK200(D)	15.7	420	235	265	1032
ABK300(D)	20.7	475	230	275	864
ABK400	21.8	475	230	275	864