

HM/HXA

Standardized Centrifugal Pump

Operating Limits:

- Max. operating pressure: 12 bar
- Head up to 95m
- Liquid temperature up to +105°C
- Max. ambient temperature: 40°C
- Max. altitude: 1000m

Motor:

- Three phase induction motor
- Insulation Class B
- Protection IPX4
- Continuous duty
- Standard voltage:
 Three-phase: 220/380-50Hz up to 3KW(4HP)
 380/660V-50Hz from 4KW(5.5HP)
 to 37KW(50HP)

Material:

- Pump body: Cast Iron/ Stainless Steel
- Impeller: Cast Iron
- Motor Shaft: Stainless Steel
- Mechanical seal: SiC/Graphite
- Motor housing: Cast Iron

Application:

- Circulation and transfer of clean, chemical non-aggressive water and other liquids
- Water supply & irrigation
- Water circulation in air conditioning systems



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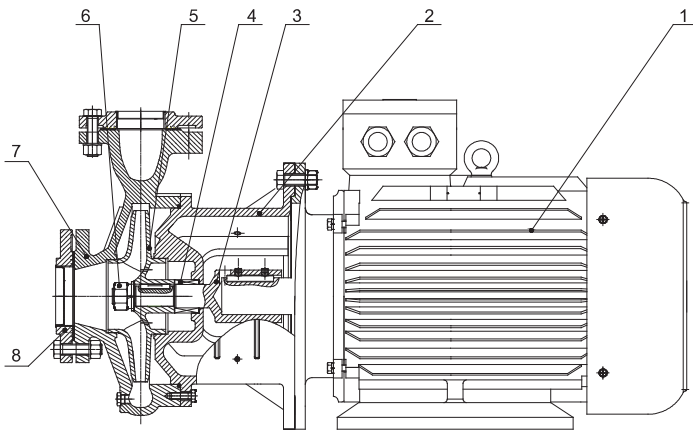
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Application:

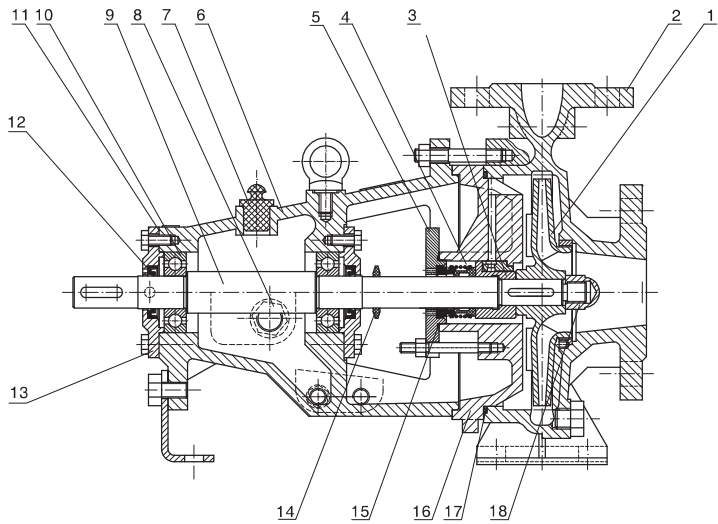
- Single-impeller centrifugal pump featuring axial intake and radial discharge
- Inlet and outlet DN in compliance with EN 733 (ex DIN 24255) and UNI 7467
- Flanges in compliance with UNI 2236 and DIN 2532
- Rear entry (impeller, control valve and motor can be extracted without disconnecting the pump body from the pipes.)

Material :



NO.	NAME	MATERIAL
1	Motor	
2	Support	HT 200
3	Pump Shaft	Steel/AISI 304
4	Mechanical Seal	Carbon/Silicon carbide
5	Impeller	HT 200/Stainless Steel
6	Nut	AISI 304
7	Pump Body	HT 200
8	Flange	HT 200

Material :



NO.	NAME	MATERIAL
1	Impeller	Cast iron
2	Pump body	Cast iron
3	Padding seal cover	HT200
4	Mechanical seal	SiC/Graphite
5	Seal cover	HT200
6	Support	HT200
7	Oil plug	Plastic
8	Oil level mirror	Plastic
9	Shaft	Stainless steel
10	Bearing	
11	Gasket	
12	Skeleton oil seal	
13	Back cover	HT200
14	Slinger	Plastic
15	O-ring	NBR
16	Pump cover	HT200
17	O-ring	NBR
18	Impeller nut	Carbon steel

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Technical Data

Performance Table:

MODEL	POWER		US GPM	0	26	40	66	79	106	119	132	159	185	198	211	220	238	264	317	370	396	423			441	476	529	608	617	634	661	793	881	925	969	1057	1101	1233	1322	1586	1762	2203	2643	2916	3304	3524	3687	4075																					
	KW	HP	L/min	0	100	150	250	300	400	450	500	600	700	750	800	833	900	1000	1200	1400	1500	1600			1667	1800	2000	2300	2333	2400	2500	3000	3333	3500	3666	4000	4166	4666	5000	6000	6666	8333	10000	11033	12500	13333	13950	15417																					
			m³/h	0	6	9	15	18	24	27	30	36	42	45	48	50	54	60	72	84	90	96			100	108	120	138	140	144	150	180	200	210	220	240	250	280	300	360	400	500	600	662	750	800	837	925																					
32.125.07	0.8	1		17.5	16.7	15	12	9																																																													
32.125.11	1.1	1.5		22	21	19.7	16.5	14.9	9																																																												
32.160.15	1.5	2		25.4	23.7	22.5	18.5	15.8																																																													
32.160.22	2.2	3		31	29.6	28.5	24.5	22	15																																																												
32.160.30	3	4		35	34.3	34	28	25.5	19	15																																																											
32.200.30	3	4		44.2	43	39.8	35.2	32.2	24.6	19.8																																																											
32.200.40	4	5.5		54.5	52	50	45.5	41.9	35	30.3																																																											
32.250.55.A	5.5	7.5		60	59.5	59	55	51	34.5																																																												
32.250.75.A	7.5	10		69.5	69	68.5	66	63	53																																																												
32.250.110	11	15		90	89.5	89	82	79	66																																																												
32.250.55.B	5.5	7.5		79.5	74.7	71.8	63	56	37.5																																																												
32.250.75.B	7.5	10		95	93	91	83	76	57.8																																																												
40.125.11	1.1	1.5		14.7				13.5	11.5	10.1		5.8																																																									
40.125.15	1.5	2		18.1				17	15	13.9		9.6	6																																																								
40.125.22	2.2	3		24.5				23.2	21.5	20.2		16	13		8.3																																																						
40.160.30	3	4		31.8				29.5	27.5	26.3		21.5	17.5																																																								
40.160.40	4	5.5		38				36	34	33		28.5	25		20.1																																																						
40.200.55	5.5	7.5		46				43.8	41.3	40.1		35	30																																																								
40.200.75	7.5	10		57				53.6	51.5	50		45	41		36.5																																																						
40.250.92	9.2	12.5		64				59	56.5	55		49.5	45		39.8																																																						
40.250.110	11	15		72				67.5	66	63.5		57.5	52.2		47																																																						
40.250.150	15	20		84.5				80	77.3	75.2		71	65		61																																																						
50.125.22	2.2	3		17								15.4	14		12.8		11.5		6.5																																																		
50.125.30	3	4		20								18.8	18		17		15.6		11																																																		
50.125.40	4	5.5		24								23.1	23		21.5		20.3		15.8	11.8																																																	
50.160.55	5.5	7.5		32								30.6	30		28		26.6		20.5	14.8																																																	
50.160.75	7.5	10		40								38	37		36		34.4		29	24	21																																																
50.200.92	9.2	12.5		50.5								46.8	45		43		40.9		32.5	26.7																																																	
50.200.110	11	15		57.5								53.5	52		50		47.5		40	34	29																																																
50.200.150	15	20		62								58	56.5		54.5		52		44.5	39	35.5																																																
50.250.150	15	20		68.5								64	63		61.5		59		50	41																																																	
50.250.185	19	25		79								75.8	74.8		74		71.5		63.5	55.5	47																																																
50.250.220	22	30		89.5								86	85.3		84		81.5		73.5	65.5	57																																																
65.125.40	4	5.5		19											17.3		16.8		14.5	13	11.8																																																
65.125.55	5.5	7.5		23											21.3		20.9		19	17.5	16.7																																																
65.125.75	7.5	10		27											26		25.6		24.5	23	22.5																																																

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	KW	HP	L/min	0	300	400	450	500	600	700	750	800	833	900	1000	1200	1400	1500	1600	1667	1800	2000														2300	2333	2400	2500	3000	3333	3500	3666	4000	4166	4666	5000	6000	6666	8333	10000	11033	12500	13333	13950	15417	16666	19200	21133																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
			m³/h	0	18	24	27	30	36	42	45	48	50	54	60	72	84	90	96	100	108	120														138	140	144	150	180	200	210	220	240	250	280	300	360	400	500	600	662	750	800	837	925	1000	1152	1268																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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