

DHI

SURFACE PUMPS - HORIZONTAL MULTISTAGE

- Hydraulic in AISI316 stainless steel
- High efficiency
- Quite operation
- Compact dimension
- Sturdy and resistant



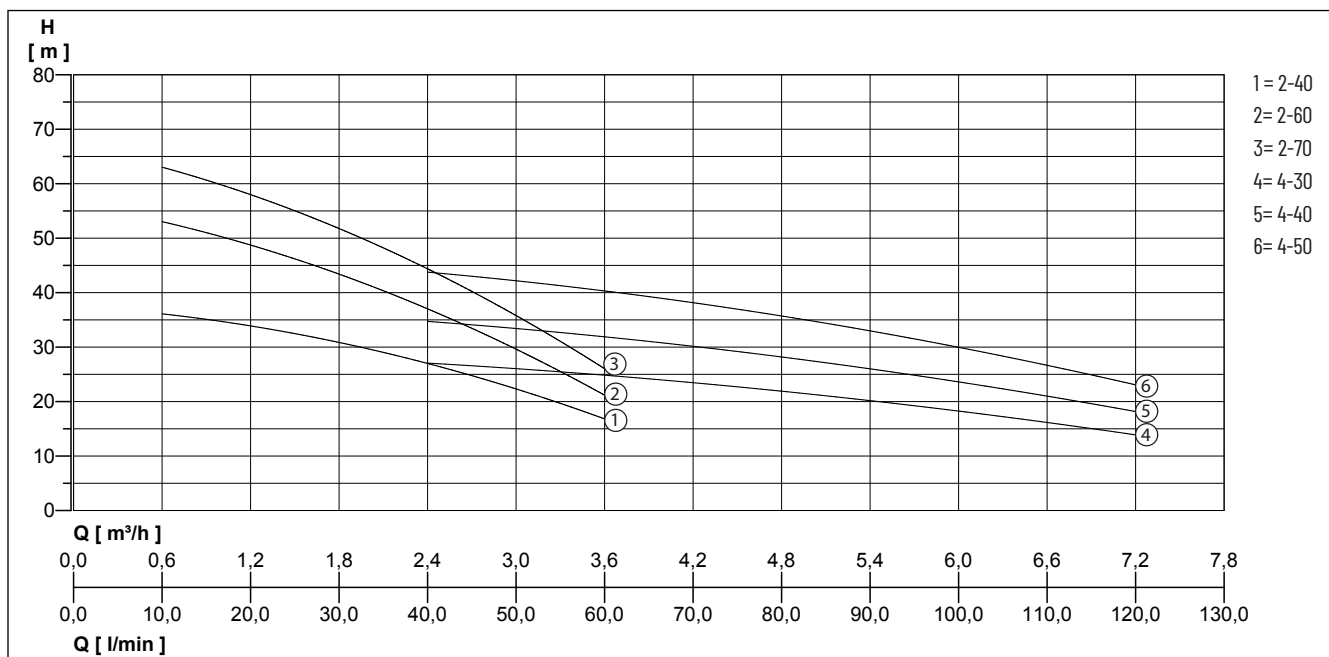
DESCRIPTION

The DHI series horizontal multi-stage centrifugal pumps have the following advantages: high hydraulic performance regarding pressure and capacity. Minimum consumption of electricity. Extremely silent operation.

APPLICATIONS

- Handling of aggressive liquids
- Lifting and distribution of water in domestic systems in continuous or intermittent operation
- Pressurization systems
- Washing, garden irrigation, supply to fountains, transfers.

PERFORMANCE



We reserve the right to change specifications without notice. Pump performance is subject to ISO 9906 ISO 9906:2012 - Grade 3B tolerances.

Type	Flow rate Q [m³/h]	0.6	1.2	1.8	2.4	3	3.6	4.8	6	7.2
DHI 2-40 M/T	Delivery head H [m]	36	34	31	27	22	17			
DHI 2-60 M/T		53	49	43	37	30	21			
DHI 2-70 M/T		63	58	52	44	36	26			
DHI 4-30 M/T					27	26	25	22	18	14
DHI 4-40 M/T					35	33	32	28	24	18
DHI 4-50 M/T					44	42	40	36	30	23

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MECHANICAL DATA

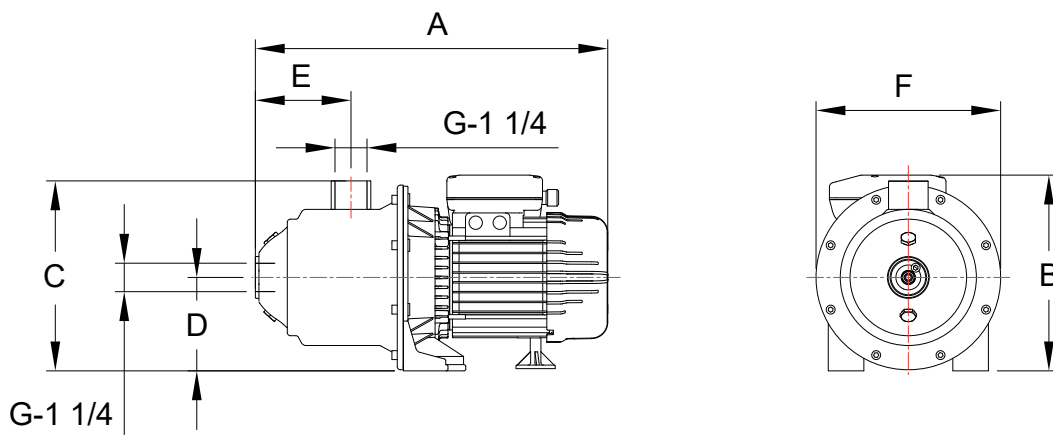
Shaft	Stainless steel X CrNiMo 17-12-03 (AISI 316)	Counterface	Ceramic
Impeller	Stainless steel X CrNiMo 17-12-03 (AISI 316)	Operating pressure max.	10 bar (temp. of liquid 50°C) 6 bar (temp. of liquid 90°C)
Motor housing	Die-cast aluminium	Type of liquid	clean water without suspended solids or abrasive material
Pump housing	Stainless steel X CrNiMo 17-12-03 (AISI 316)	Temperature of the liquid max.	90 °C
Mechanical seal	Resin impregnated carbon	Gasket	EPDM

ELECTRICAL DATA

Type of enclosure	IP 55	Ambient temperature max.	40 °C
Insulation class	F	Rotation speed	2850 rpm

DHI

Type	Code No.	Voltage	Motor rating		Current	Weight
			P1	P2		
DHI 2-40 M	N4224240	1/N/PE~230 V	0.70 kW	0.40 kW	3.2 A	11.0 kg
DHI 2-40 T	N4222240	3/PE~230/400 V	0.60 kW	0.40 kW	1.9 A/1.1 A	11.0 kg
DHI 2-60 M	N4224260	1/N/PE~230 V	0.90 kW	0.60 kW	4.1 A	11.7 kg
DHI 2-60 T	N4222260	3/PE~230/400 V	0.90 kW	0.75 kW	3.3 A/1.8 A	11.7 kg
DHI 2-70 M	N4224270	1/N/PE~230 V	1.10 kW	0.78 kW	5.2 A	14.1 kg
DHI 2-70 T	N4223270	3/PE~230/400 V	1.00 kW	0.90 kW	3.0 A/1.8 A	14.1 kg
DHI 4-30 M	N4224430	1/N/PE~230 V	0.80 kW	0.50 kW	3.6 A	11.3 kg
DHI 4-30 T	N4222430	3/PE~230/400 V	0.75 kW	0.75 kW	3.1 A/1.7 A	11.3 kg
DHI 4-40 M	N4224440	1/N/PE~230 V	1.00 kW	0.70 kW	4.4 A	12.1 kg
DHI 4-40 T	N4223440	3/PE~230/400 V	0.95 kW	0.75 kW	3.4 A/1.9 A	12.1 kg
DHI 4-50 M	N4224450	1/N/PE~230 V	1.25 kW	0.90 kW	5.8 A	14.0 kg
DHI 4-50 T	N4223450	3/PE~230/400 V	1.10 kW	0.90 kW	3.6 A/2.1 A	14.0 kg



DIMENSIONS [mm]

Type	A	B	C	D	F	DNA	DNM	E
DHI 2-40 M/T	368	220	213,5	105	208	1 1/4"	1 1/4"	80
DHI 2-60 M/T	396	220	213,5	105	208	1 1/4"	1 1/4"	108
DHI 2-70 M/T	422	220	213,5	105	208	1 1/4"	1 1/4"	134
DHI 4-30 M/T	368	220	213,5	105	208	1 1/4"	1 1/4"	80
DHI 4-40 M/T	396	220	213,5	105	208	1 1/4"	1 1/4"	108
DHI 4-50 M/T	422	220	213,5	105	208	1 1/4"	1 1/4"	134