

# PUMP PERFORMANCE CURVES

TYPE: HIGH HEAD DEWATERING PUMP

MODEL: 150MH22

FREQUENCY: 50Hz

## STANDARD SPECIFICATIONS

DISCHARGE BORE

150 mm

HEAD

Max: 50 m

Rated: 37 m

CAPACITY

Max: 3.33 m<sup>3</sup>/min

Rated: 2.0 m<sup>3</sup>/min

MOTOR OUTPUT

22 kW

PHASE x VOLTAGE

3 Øx 400 V

CURRENT

41.5 A

POLES/REVOLUTION

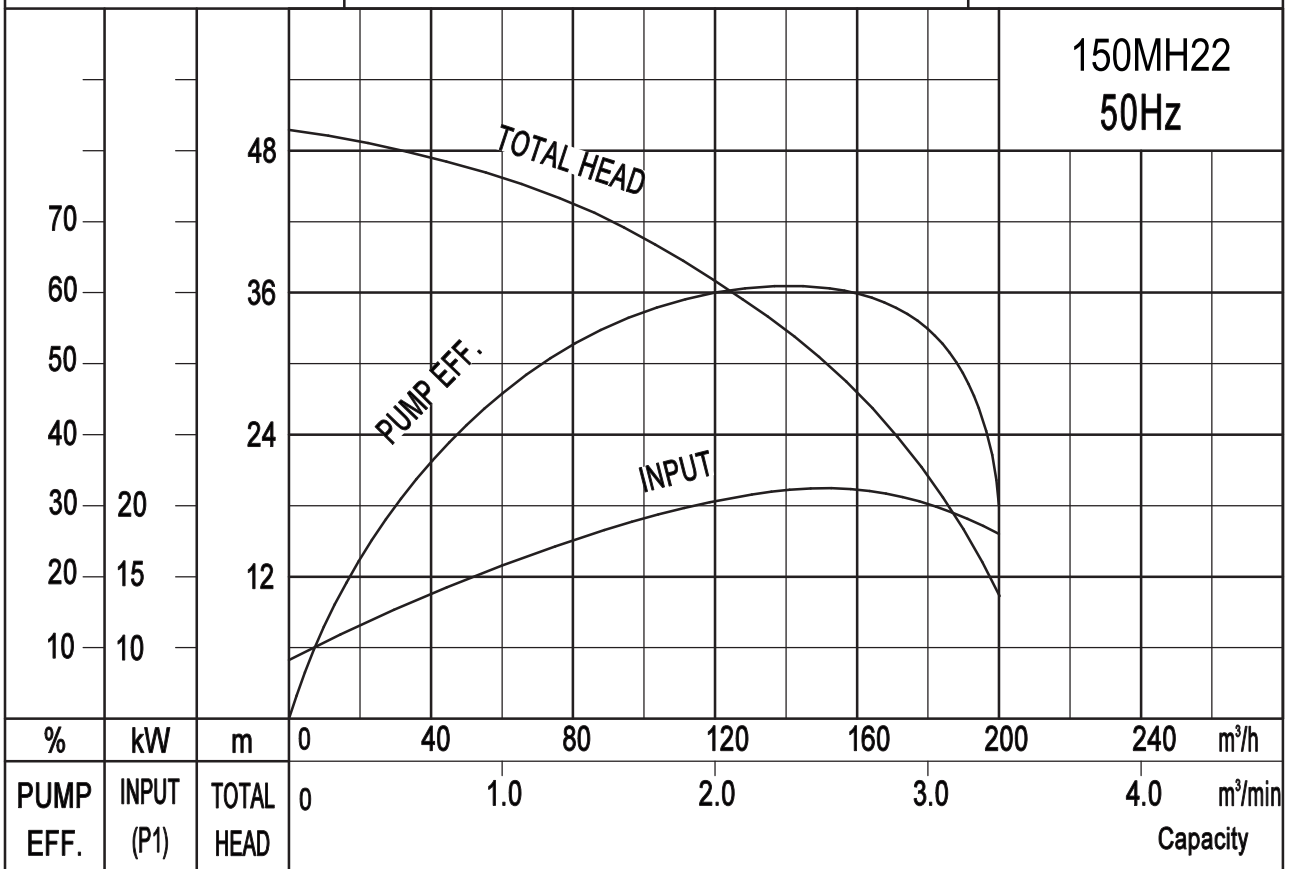
2 P/ S.S.2850 min<sup>-1</sup>

STARTING METHOD

Star-Delta start

INSULATION CLASS

F

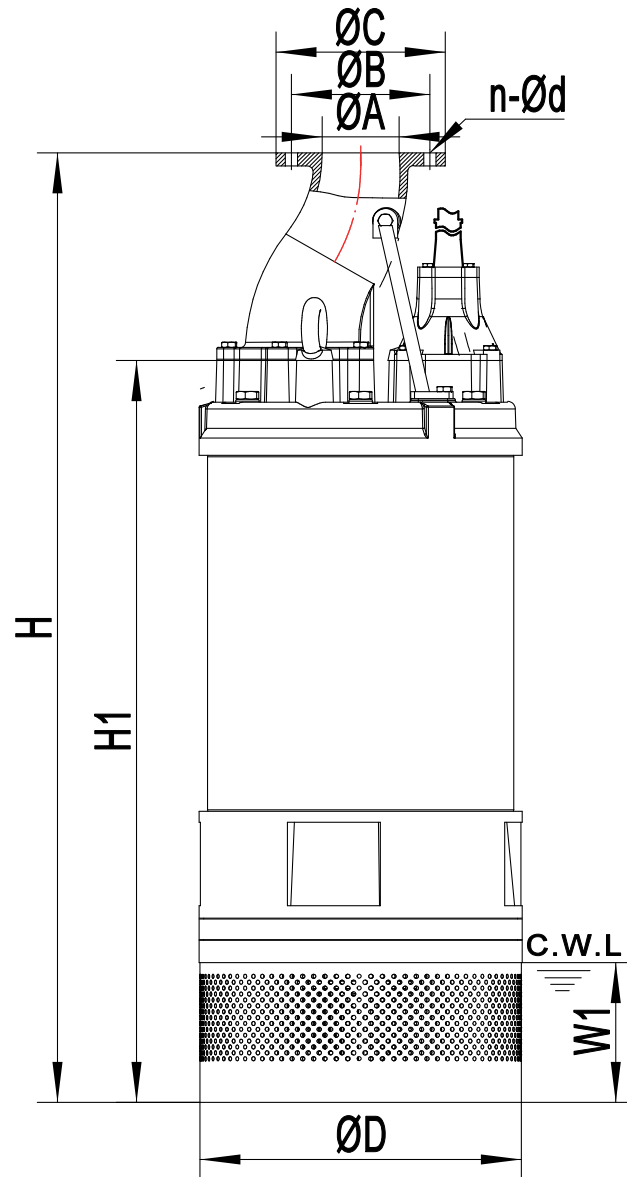


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DIMENSION DRAWING

TYPE: HIGH HEAD DEWATERING PUMP

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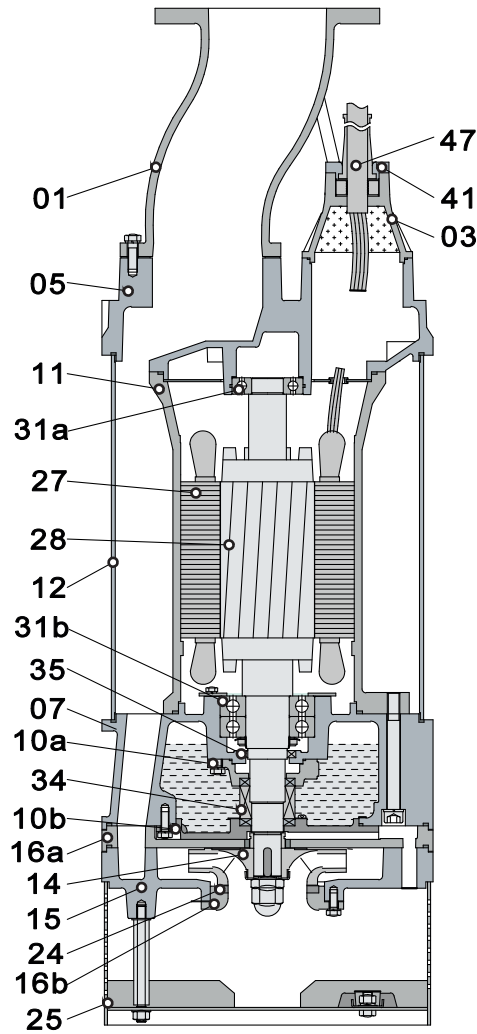


W1:Continuous running water level

Model (50Hz)	A	B	C	n-Ød	D	H	H1	W1	N.W
	mm	mm	mm	mm	mm	mm	mm	mm	Kg
100MH22	100	180	220	8-Ø17.5	420	1374	1072	240	370
100MH30	100	180	220	8-Ø17.5	420	1374	1072	240	375
● 150MH22	150	240	285	8-Ø22	420	1434	1082	250	385
150MH30	150	240	285	8-Ø22	420	1434	1082	250	390
150MH37	150	240	285	8-Ø22	530	1424	1072	180	570
150MH45	150	240	285	8-Ø22	530	1424	1072	180	575
200MH37	200	295	340	12-Ø22	530	1474	1072	180	575
200MH45	200	295	340	12-Ø22	530	1474	1072	180	580
150MH55	150	240	285	8-Ø22	550	1630	1280	200	830
150MH75	150	240	285	8-Ø22	550	1630	1280	200	830
200MH55	200	295	340	12-Ø22	550	1680	1280	200	880
200MH75	200	295	340	12-Ø22	550	1680	1280	200	880

**DIMENSION DRAWING**  
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MH 22-75 kW

Item No.	Part name	Material	Item No.	Part name	Material
01	Hose coupling	Ductile iron	16b	Inlet plate	Cast iron
03	Terminal box	Cast iron	24	Neck ring	High chrome alloy
05	Upper cover	Cast iron	25	Strainer	AISI304SS
07	Bearing house	Cast iron	27	Stator	
10a	Seal bracket	Cast iron	28	Rotor	Shaft:AISI420SS
10b	Seal bracket	Cast iron	31a	Bearing	Ball bearing
11	Motor body	Cast iron	31b	Bearing	Ball bearing
12	Outer casing	Steel	34	Mechanical seal	To-SiC/SiC-SiC
14	Impeller	High chrome alloy	35	Oil seal	
15	Diffuser	Ductile iron	41	Shim	Cast iron
16a	Inlet plate	Ductile iron	47	Cable	

*Specifications can be changed without notice*

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