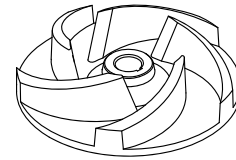


HYDROPOMPE

HYDRO SERIES

2400-3200-4200

OPEN
IMPELLER



60 Hz

2 POLE

USE

Submersible electric pumps suitable for the lifting of clear and dirty water. They are especially used in building yards and for pumping abrasive liquids.

MATERIALS

Cover

Anticorodal aluminium alloy

Motor housing

Anticorodal aluminium alloy

Pump housing

Anticorodal aluminium alloy with rubber coating

Strainer

Stainless steel AISI 304

Wear plate

Stainless steel with rubber coating

Impeller

2400BP with rubber coating

3200BP with rubber coating

4200BP martensitic stainless steel

2400AP cast iron EN GJL 300 (UNI EN 1561)

3200AP cast iron EN GJL 300 (UNI EN 1561)

Mechanical seal motor side

Ceramics/Graphite

Mechanical seal impeller side

Silicon Carbide/Silicon Carbide (SiC/SiC)

Motor shaft

Stainless steel AISI 431

Bolts and nuts

Stainless steel Grade A2

Cable

20 meters type H07RN-F 4G4mm²

LIMITS TO USE

Max temperature of the liquid pumped

+40°C

pH of the liquid pumped

5÷8

Max immersion depth

20 m

Liquid density

1,1 kg/dm³

Min immersion depth

200 mm

Free passage

6 mm

Max number starts/hour

15

Acoustic pressure level issued

<70dB(A)

MOTOR

The electric motor is asynchronous with squirrel cage rotor in dry chamber

Class of insulation F

Protection degree IP68

2pole; 60Hz

Main voltage values and relative tolerance in relation to the rated voltage value:

THREE-PHASE

230V ±10%

400V ±10%

Other voltages on request.

OTHER FEATURES ON REQUEST

With industrial plug (IEC 60309-2) in accordance with EN 60335-2-41

With coating in composite material for wear protection*


Frequency 50 Hz (see specific catalogue)

Other voltages

* Possible variations of the hydraulic performance

TECHNICAL DATA

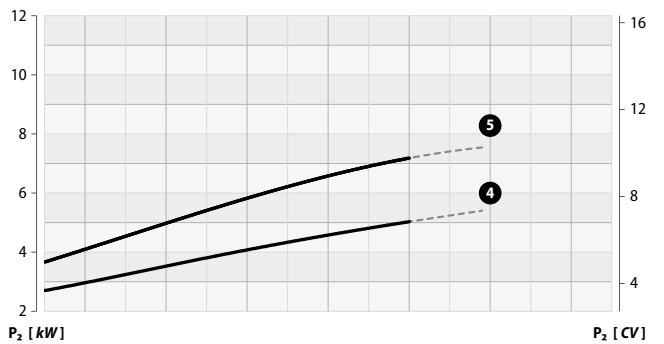
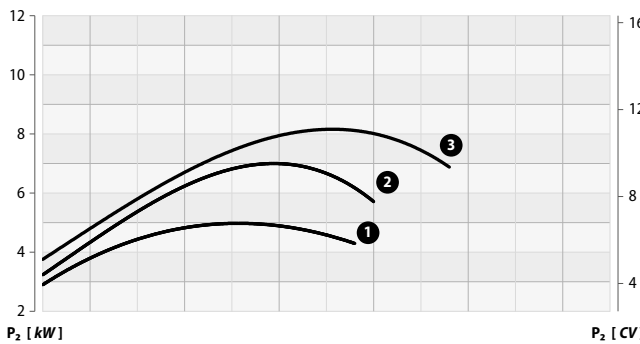
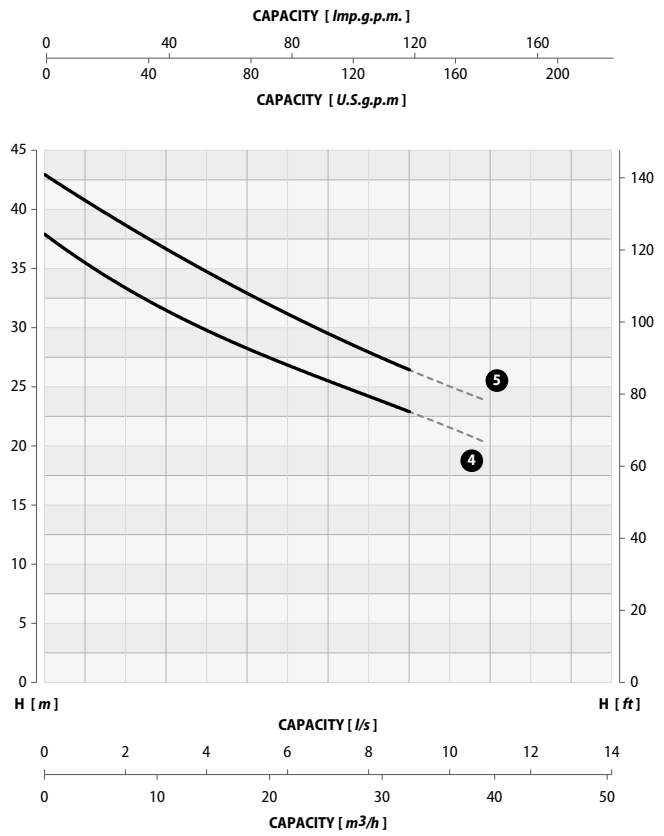
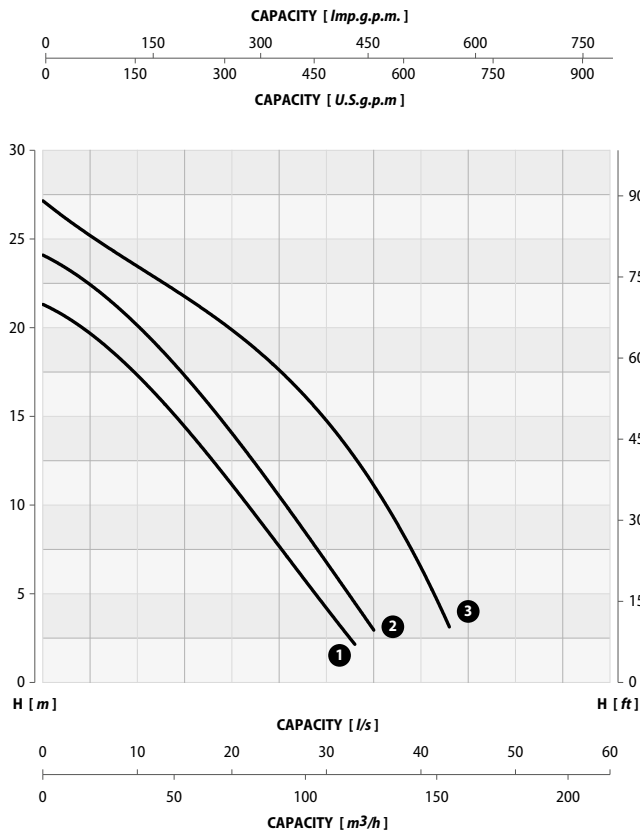
MODEL	P1 kW	P2		VOLTAGE V	CURRENT A	CABLE m	WEIGHT kg
		kW	CV				
2400 BP	6,8	5,0	6,8	230/400 (3~)	20,7/12,0	20	70
3200 BP	8,5	7,0	9,5	230/400 (3~)	26,0/15,0	20	80
4200 BP	10,0	8,1	11,0	230/400 (3~)	28,5/16,5	20	85
2400 AP	6,8	5,0	6,8	230/400 (3~)	20,7/12,0	20	70
3200 AP	8,5	7,0	9,5	230/400 (3~)	26,0/15,0	20	80

HYDRO SERIES	2400-3200-4200		OPEN IMPELLER	60 Hz
				2 POLE


PERFORMANCE RANGE

		CAPACITY															
<i>l/s</i>	0	2	4	6	8	10	12	15	20	25	30	35	37,5	40	45	50	
<i>m³/h</i>	0	7,2	14,4	21,6	28,8	36	43,2	54	72	90	108	126	135	144	162	180	
<i>l/min</i>	0	120	240	360	480	600	720	900	1200	1500	1800	2100	2250	2400	2700	3000	

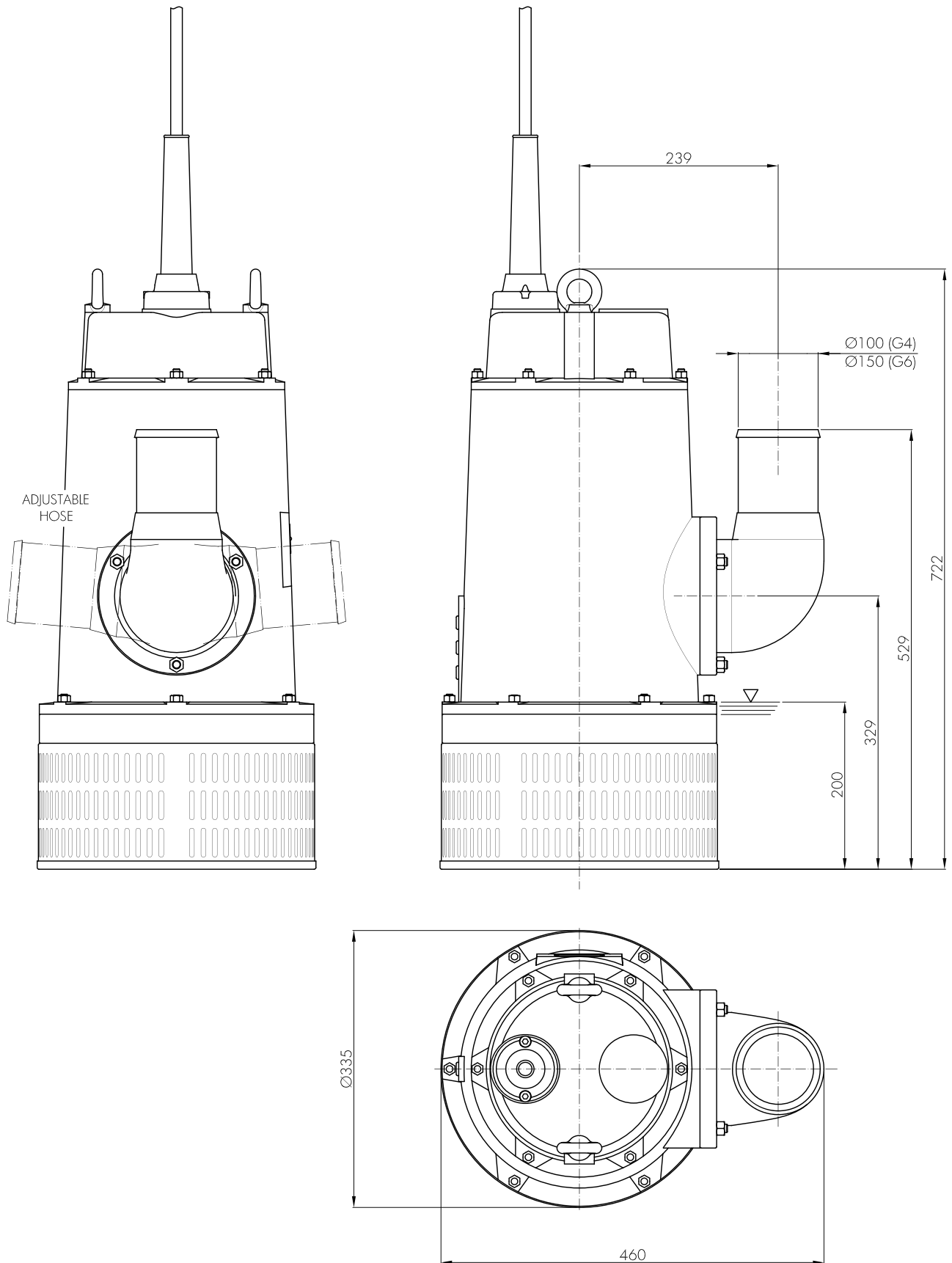
MODEL	CURVE N°	HEAD <i>m</i>															
		2400 BP	1	21,3	20,7	20,1	19,2	18,5	17,5	16,2	14,2	11,0	7,8	4,4	-	-	-
3200 BP	2	24,0	23,3	22,8	22,4	21,6	20,0	19,0	16,9	13,7	10,7	7,2	2,7	-	-	-	-
4200 BP	3	26,8	26,3	25,5	25,0	24,5	23,9	23,2	21,5	19,3	17,0	14,5	11,4	9,6	7,5	-	-
2400 AP	4	38,0	33,1	30,0	26,9	24,1	21,5	-	-	-	-	-	-	-	-	-	-
3200 AP	5	43,0	38,5	35	31	28	25	-	-	-	-	-	-	-	-	-	-




Performance tolerance in according to UNI/ISO 9906 Grade 3B

HYDRO SERIES	2400-3200-4200		OPEN IMPELLER	60 Hz
				2 POLE

INSTALLATION DIMENSIONS



HYDRO SERIES	2400-3200-4200		OPEN IMPELLER	60 Hz
				2 POLE

NOTES



Area with horizontal dashed lines for taking notes.

i Changes reserved

02/2019