



ITT

ROBOT PUMPS

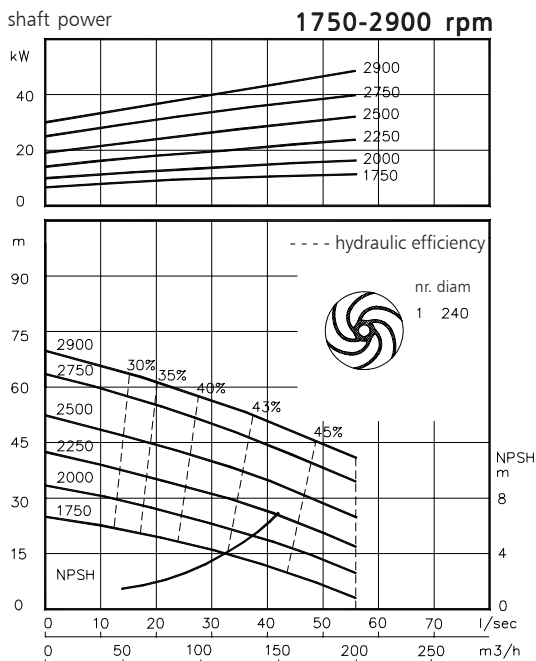
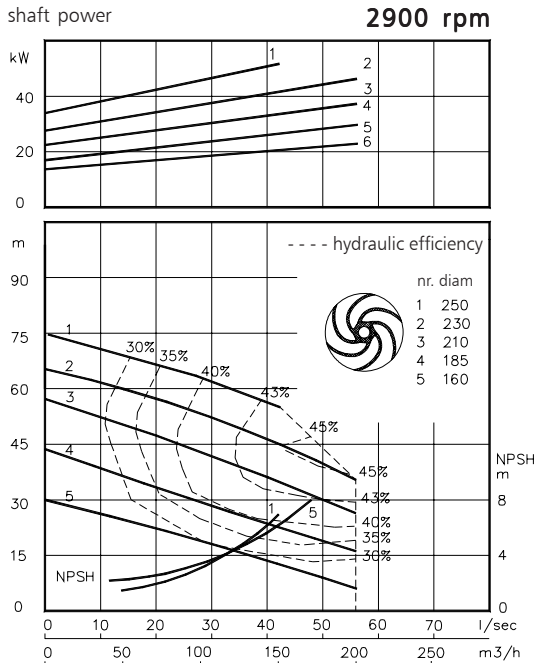
Dry installed vortex pump

BW6032

The dry installed vortex pumps are designed to pump a wide variety of solids contaminated liquids. They are used for sewage and other waste water applications. These pumps are designed for a stationary dry installation of pump and motor.

solids passage	: 80 mm	50 Hz
discharge flange	: NW 100	
suction flange	: NW 100	
impeller diameter	: 178-140 mm	
recommended min. flow	: 6 l/s (21 m ³ /h)	

hydraulic characteristics in clean cold water according to ISO 9906 grade 2



Available electric motors Degree of protection IP55		
Class	kW	[rpm]
IEC 160M	11	2900
	15	2900
IEC 180M	22	2900
IEC 200L	30	2900
	37	2900
IEC 225M	45	2900
IEC 250M	55	2900

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Engineered for life

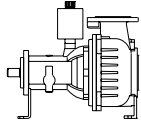


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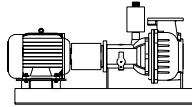
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Installation options

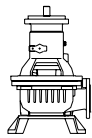
BW6032

**H**

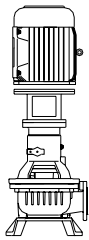
Horizontal installation:
Bare shaft

**HM**

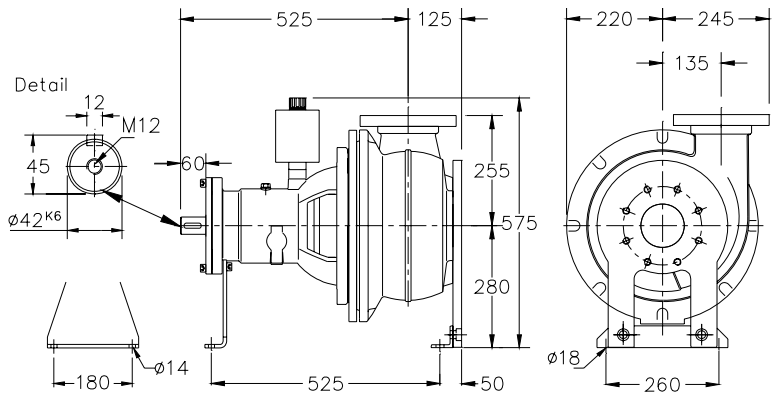
Horizontal installation:
With foundation plate
and electric motor.

**V**

Vertical installation:
Bare shaft

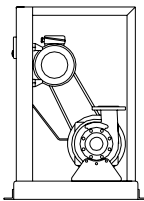
**VM**

Vertical installation:
With support and electric
motor.

**Flange connections**

		Standard	
		DIN 2501 PN10/PN16	
		p.c.d.	Number of holes
Discharge	NW 100	180	8x ø19
Suction	NW 100	180	8x M16

Weight (H version): 160 kg.

**K**

V-belt driven:
Frame construction.
For motors IEC100L-200L.

Optional:
- seal flushing

Other options and materials upon request

Materials

sealhousing	: 1
pump casing	: 1
impeller	: 2 7
pump shaft	: 3 5
bearing housing	: 1
bolts	: 4 5
elastomer	: 8+9 10
seal lubrication	: oil
pump seal	: silicon carbide-ceramic
secondary seal	: carbon - ceramic
primer	: alkyd primer
top coating	: two components high-build polyurethane coating

1	cast iron	EN-GJL-250
2	sg cast iron	EN-GJS-400-15
3	stainless steel 431	X20 CrNi 17 2
4	stainless steel 304	X5 CrNi 18 10
5	stainless steel 316	X5 CrNiMo 17 12 2
6	stainless steel 329	X4 CrNiMoN 27 5 2
7	wear resistant sg iron	HB 500
8	nitrile	(NBR)
9	neoprene	(CR)
10	viton	(FPM)

We reserve the right to alter specifications without prior notice.