



ITT

ROBOT PUMPS

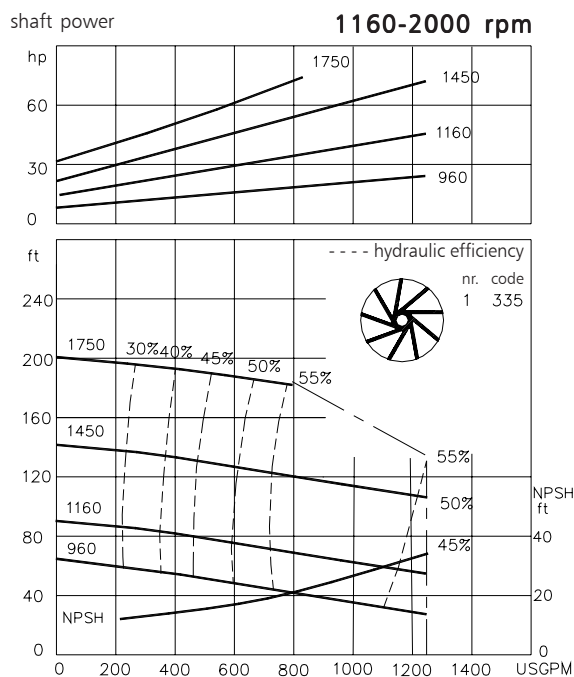
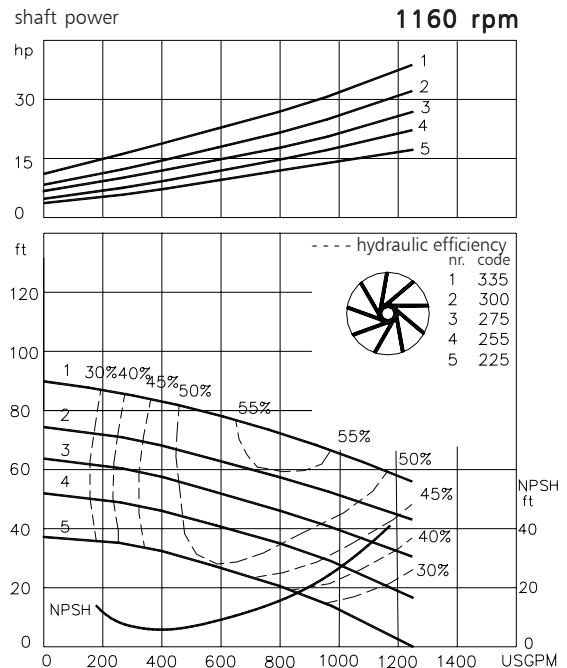
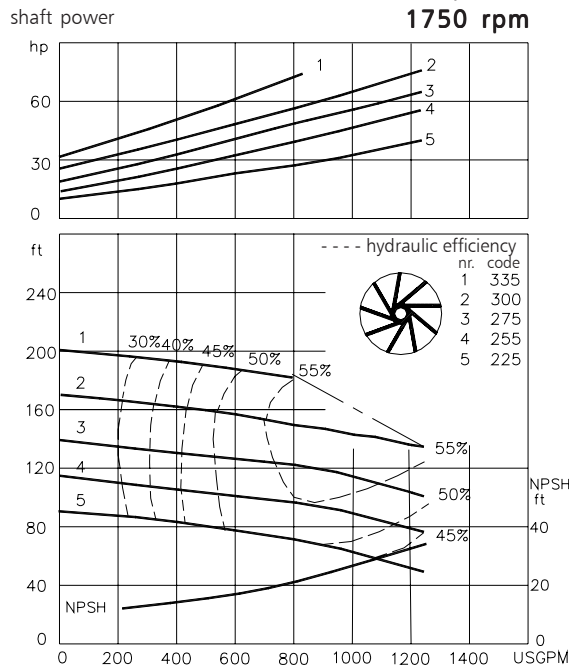
Dry Installed Vortex Pump

BW6041

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 : 4" **60 c/s**
 discharge flange : 4"
 suction flange : 5"
 impeller code : 335-225
 recommended minium flow : 95 USGPM

hydraulic characteristics in water at 68°F



Available electric motors Degree of protection IP55		
NEMA	[hp]	[rpm]
256T	10	1160
284T	15	1160
286T	20	1160
324T	25	1160
326T	30	1160
364T	40	1160
256T	20	1750
284T	25	1750
286T	30	1750
324T	40	1750
326T	50	1750
364T	60	1750
365T	75	1750

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Engineered for life

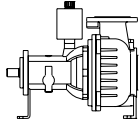


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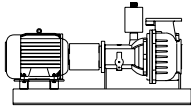
Installation options

BW6041



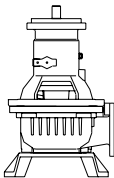
H

Horizontal installation:
Bare shaft



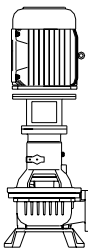
HM

Horizontal installation:
With foundation plate
and electric motor.



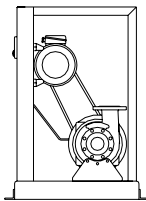
V

Vertical installation:
Bare shaft



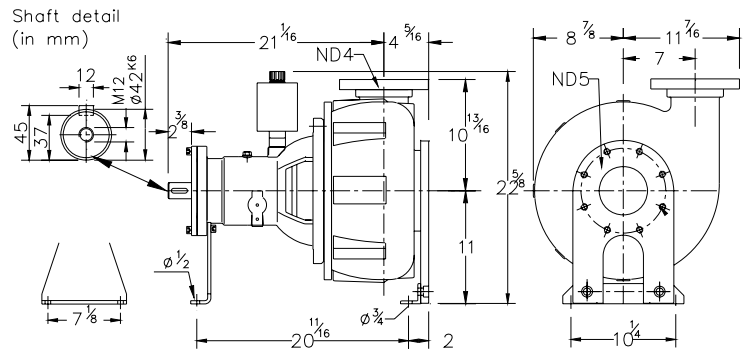
VM

Vertical installation:
With support and electric
motor.



K

V-belt driven:
Frame construction.
For motors NEMA
145T - 324T.



Flange connections

Standard

		p.c.d.	ANSI 150 Number x holes
Discharge	ND 4	7 ¹ / ₂	8 x $\phi 7/8$
Suction	ND 5	8 ¹ / ₂	8 x $3/4$ UNC

Weight (H version): 209 lbs

Optional:

- seal flushing

Other options and materials upon request

Materials

sealhousing	: 1
pump casing	: 1
impeller	: 2 5
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 component high-build polyurethane coating

1	cast iron	ASTM A-48 Cl.35
2	sg cast iron	ASTM A445 Gr.60-46-18
3	stainless steel	AISI 431
4	stainless steel	AISI 304
5	stainless steel	AISI 316
6	stainless steel	AISI 329
7	wear resistant sg iron	HB500
8	nitrile	(NBR)
9	neoprene	(CR)
10	viton	(FPM)

We reserve the right to alter specifications without prior notice.