



ITT

ROBOT PUMPS

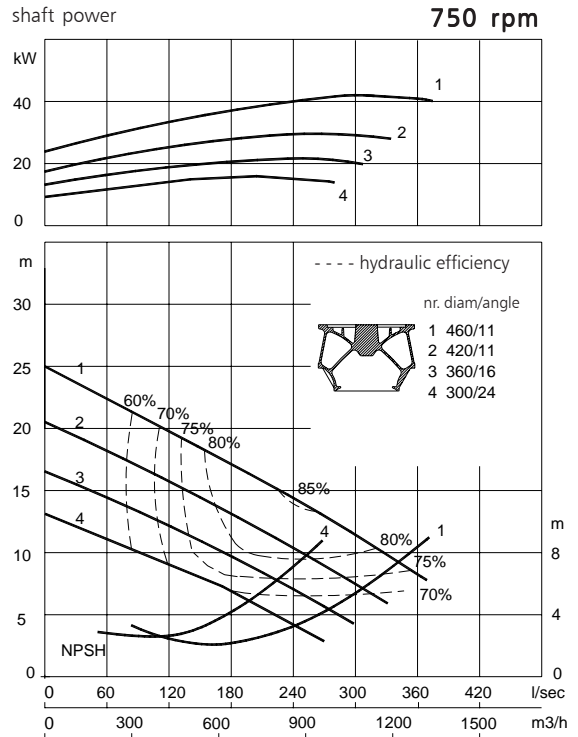
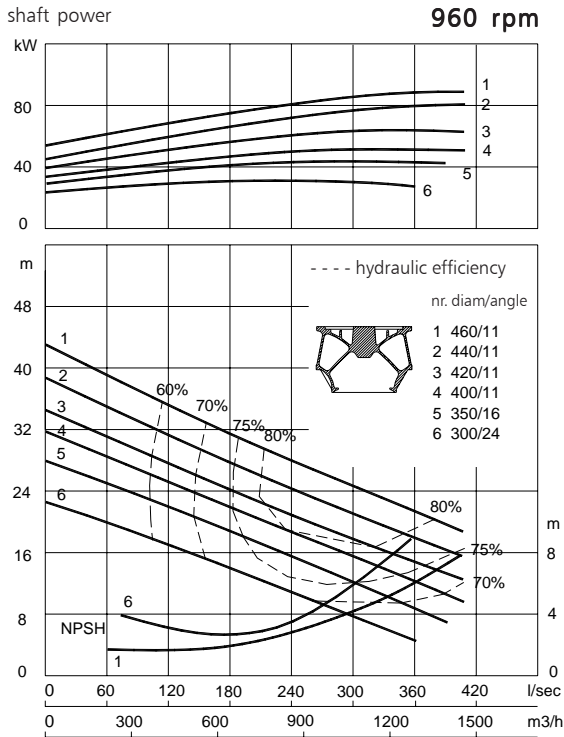
BT - Turbotex Pump

BT8040

BT pumps are designed to pump sewage and other kinds of waste water in many different applications. These pumps are equally suitable for clean water or lightly contaminated liquids. They are designed for a stationary dry installation of pump and motor.

solids passage : 110 x 160 mm **50 Hz**
 discharge flange : 250 mm
 suction flange : 300 mm
 impeller diameter : 460 - 300 mm
 recommended min. flow : 37 l/s (132m³/h)

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



Available electric motors
Degree of protection IP55

Class	kW	[rpm]
IEC 225M	22	750
IEC 250M	30	750
	37	960
IEC 280S	37	750
	45	960
IEC 280M	45	750
	55	960
IEC 315S	75	960
IEC 315M	90	960

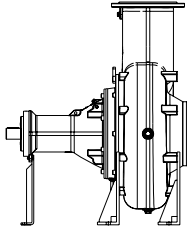
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Engineered for life



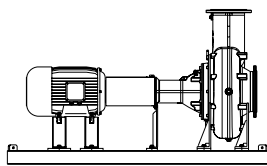
Installation options

BT8040



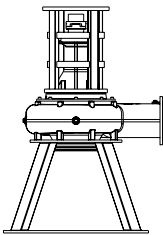
H

Horizontal bare shaft installation.



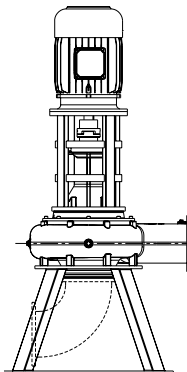
HM

Horizontal installation with foundation plate and electric motor.



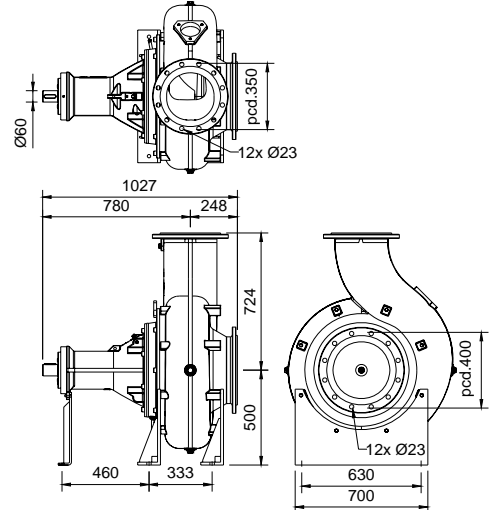
V

Vertical bare shaft installation.



VM

Vertical installation with stand and electric motor.



Flange connections

	Standard	DIN 2501 PN10/PN16	p.c.d.	Number of holes
Discharge	NW 250	350	12x Ø23	
Suction	NW 300	400	12x Ø23	

Weight (H version): 640 kg.

Optional:

- seal flushing

Other options and materials upon request

Materials

sealhousing	: 1
pump casing	: 1
impeller	: 2 6 7
pump shaft	: 3 5
bearing housing	: 1
bolts	: 4 5
elastomer	: 8+9 10
seal lubrication	: oil
pump seal	: silicon carbide-silicon carbide
secondary seal	: carbon - silicon carbide
primer	: alkyd primer
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.