
 **SolidsPro**

Vortex Submersible Pump

VX50T322



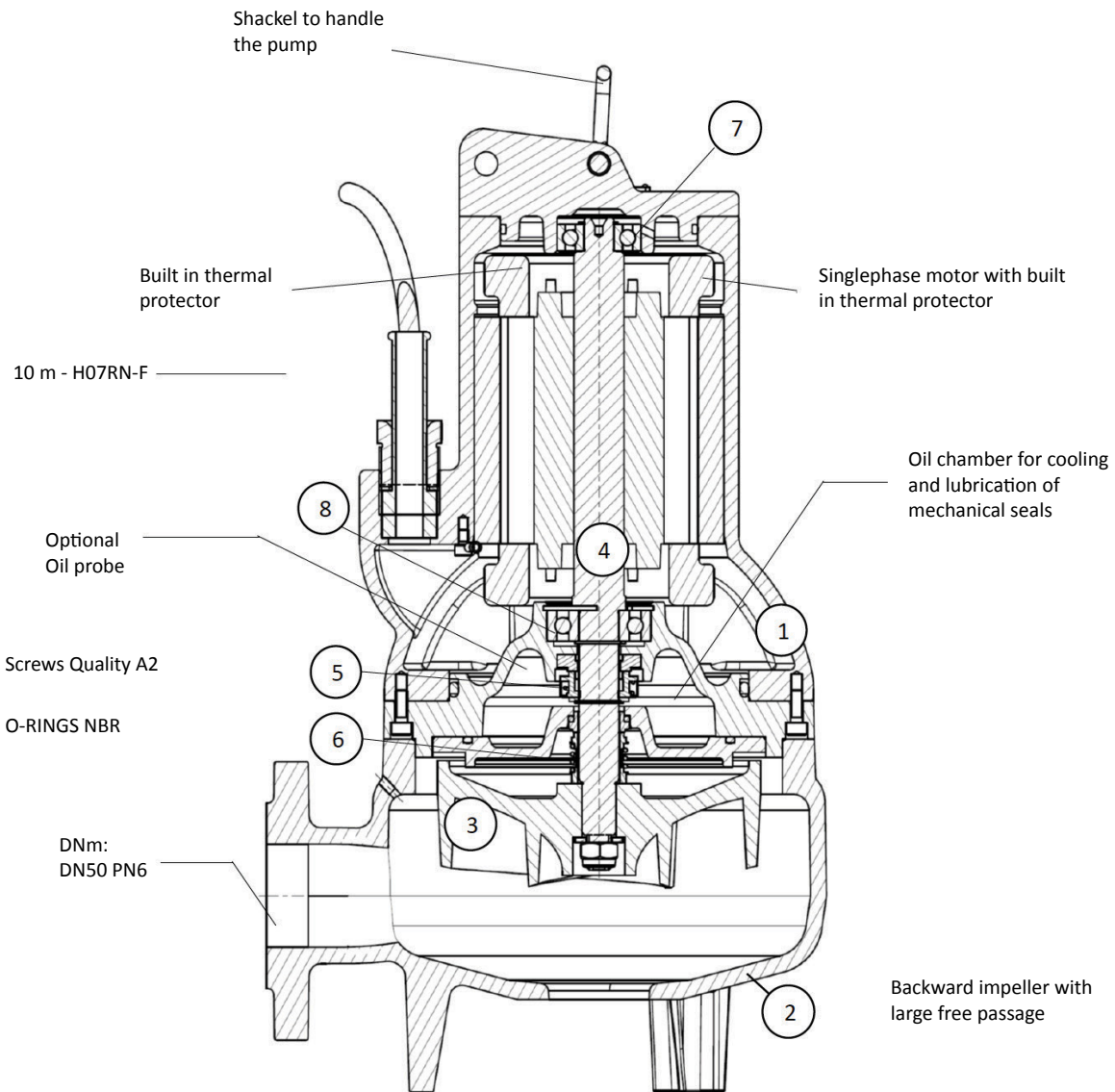
Vortex Submersible Pump

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Construction features

Asynchronous dry motor, insulation class F(155°C), cooled by the surrounding liquid



No.	Description	Material
1	Motor group	Cast iron
2	Cover	Cast iron
3	Self cleaning propeller	Cast iron
4	Shaft	AISI 420B

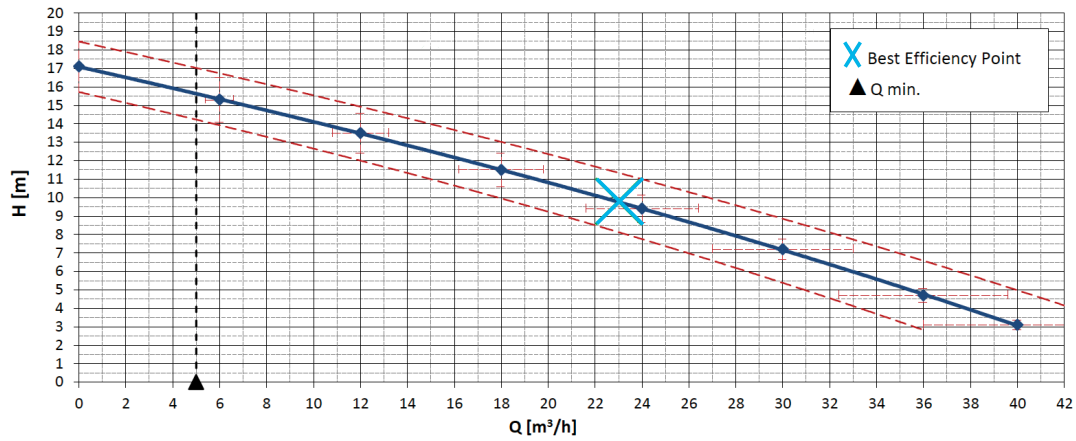
No.	Description	Material
5	Upper mech. seal	Carbon/Graphite/NBR
6	Lower mech. seal	SiC/SiC/NBR
7	Top bearing	6302-2RS
8	Lower bearing	6304-2RS

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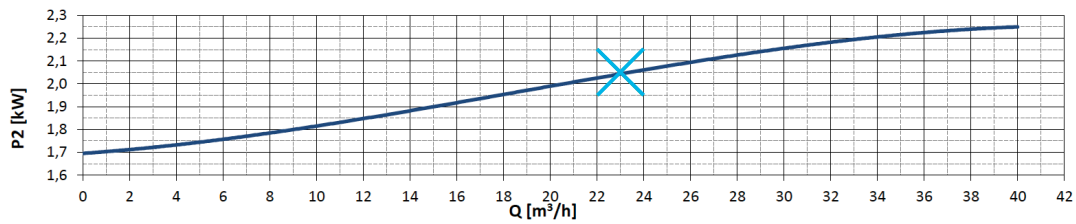
VX50T322



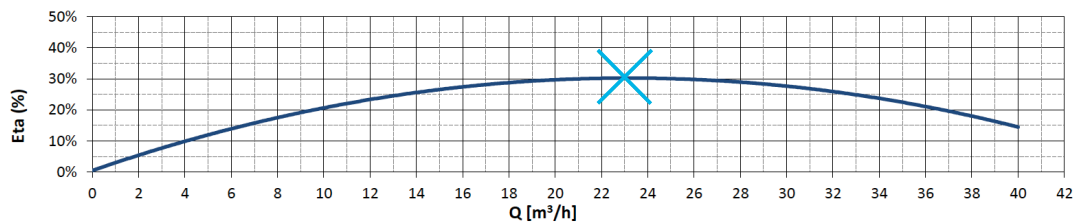
PERFORMANCE CURVE



SHAFT POWER



HYDRAULIC EFFICIENCY



FLOW (Q)	l/min	0,0	100,0	200,0	300,0	400,0	500,0	600,0	666,7				
	l/s	0,0	1,7	3,3	5,0	6,7	8,3	10,0	11,1				
	m ³ /h	0,0	6,0	12,0	18,0	24,0	30,0	36,0	40,0				
HEAD (H)	m	17,1	15,3	13,5	11,5	9,4	7,2	4,7	3,1				

Specifications

Pump Type	VX50T	Discharge	50mm BSP	Humidity Probe	Yes
Code	VX50T322	Power Supply	3ph 400V - 50Hz	Cable Length	10m
Construction	Cast Iron	Nominal Speed	2900rpm	Max Flow	40m ³ /hr
Impeller Type	Vortex	Rated Motor Power	3kW	Max Head	17.1m
Weight	36kg	Starting Current	24.2A	Ingress Rating	IP68
Impeller diameter	162mm	Rated Current	5.5A		
Solids Passage	48mm	Thermal Protection	Yes		

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Dimensions and installation

S Installation mobile

Packaging dimensions

Measures [mm]

A	B	C
600	240	290

FC With foot coupling

8FC000002

1	3/4" guide rails bracket
2	Horizontal foot - 2"out
3	Sliding bracket complete
4	Not supplied

D

D	260mm
E	175mm
F	195mm