



Vortex Submersible Pump

VX50M1.520

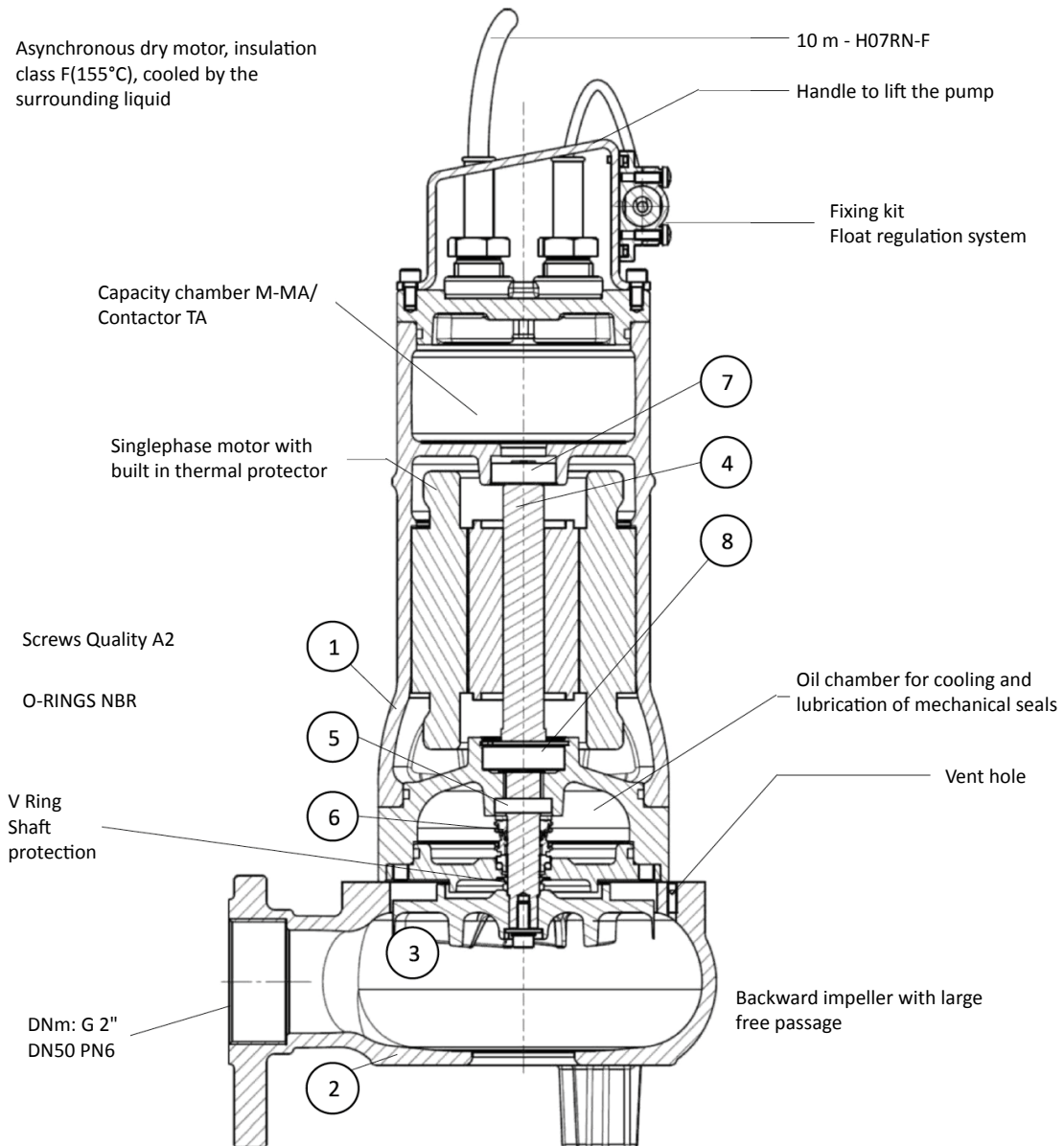


Vortex Submersible Pump

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Construction features



No.	Description	Material
1	Motor	Cast iron
2	Cover	Cast iron
3	Impeller	Cast iron
4	Shaft	Steel AISI 420B

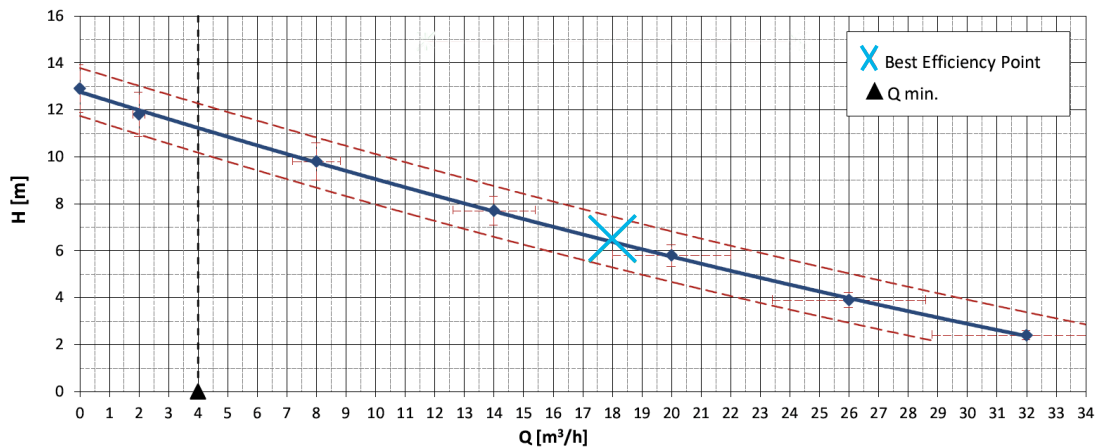
No.	Description	Material
5	Upper seal	NBR Lip Seal
6	Lower mech. seal	SiC/SiC/NBR
7	Top bearing	6201-2RS
8	Lower bearing	6203-2RS

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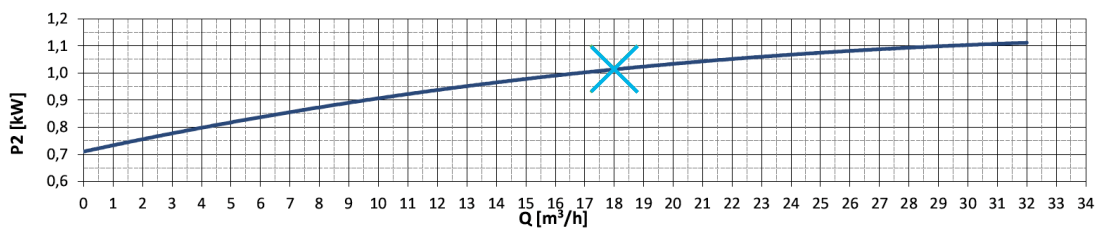
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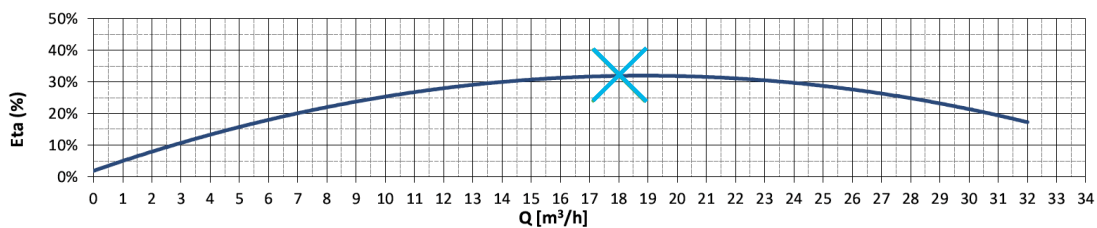
PERFORMANCE CURVE



SHAFT POWER



HYDRAULIC EFFICIENCY



FLOW (Q)	l/min	0,0	33,3	133,3	233,3	333,3	433,3	533,3					
	l/s	0,0	0,6	2,2	3,9	5,6	7,2	8,9					
	m³/h	0,0	2,0	8,0	14,0	20,0	26,0	32,0					
HEAD (H)	m	12,9	11,8	9,8	7,7	5,8	3,9	2,4					

Specifications

Pump Type	VX50M	Discharge	50mm BSP	Float	Yes
Code	VX50M1.521	Power Supply	1ph 230V - 50Hz	Thermal Protection	Yes
Construction	Cast Iron	Nominal Speed	2900rpm	Humidity Probe	No
Impeller Type	Vortex	Rated Motor Power	1.5kW	Cable Length	10m
Weight	25kg	Starting Current	21.6A	Max Flow	32m3/hr
Impeller diameter	127mm	Rated Current	7.7A	Max Head	13m
Solids Passage	50	Capacitor	25µF	Ingress Rating	IP68

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Dimensions and installation

S Installation mobile

DN50-PN6
 UNI EN ISO 1092-1

G 2"

R55,0

4xR6,75 (M12)

Measures [mm]		
A	B	C
570	250	215

FC With foot coupling

8FC000002	KG: 7,5
1	3/4" guide rails bracket
2	Horizontal foot - 2"out
3	Sliding bracket complete
4	Not supplied

D	260mm
E	175mm
F	195mm