



Vortex Submersible Pump

VX80T2.942

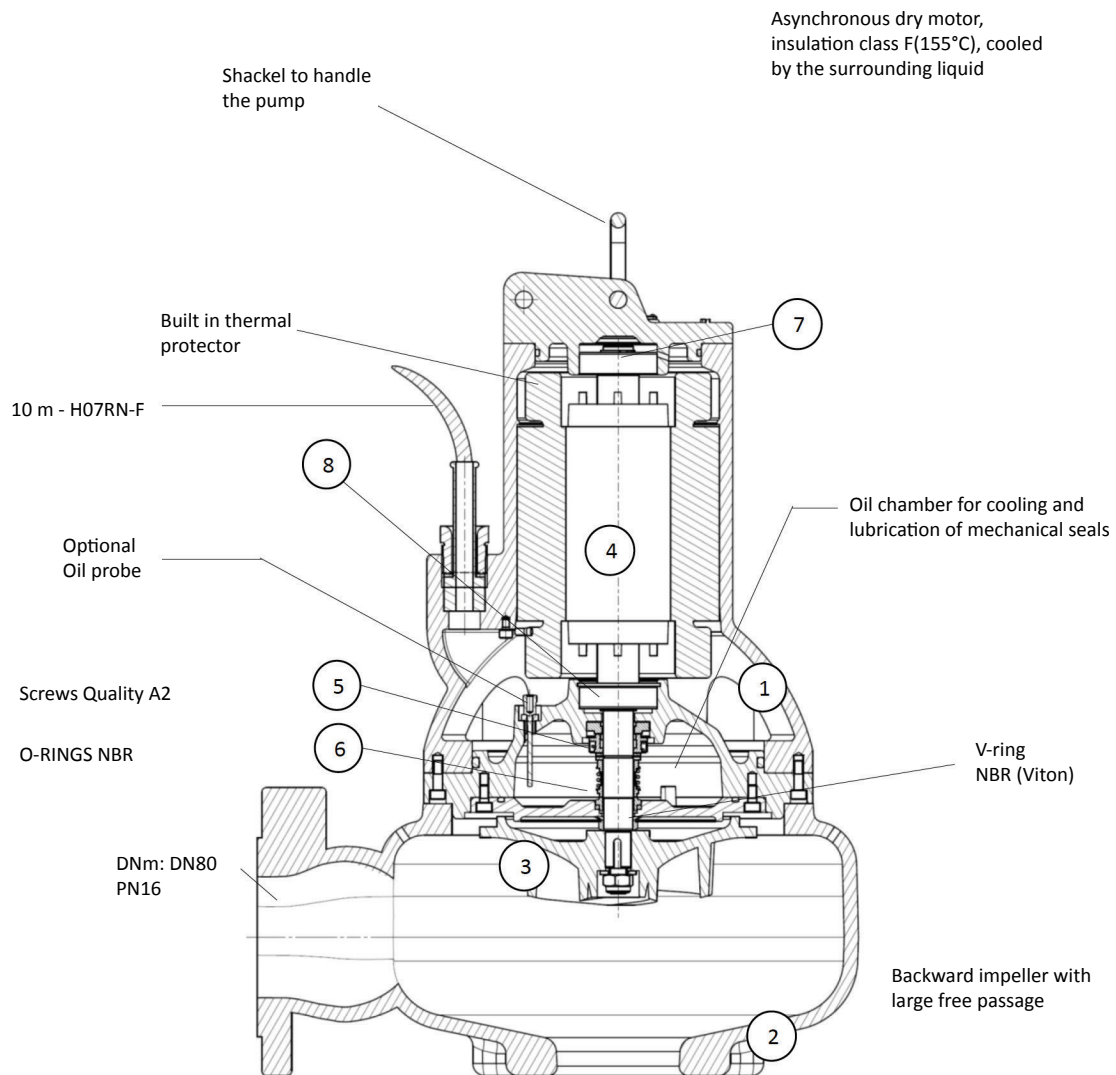


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Construction features



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

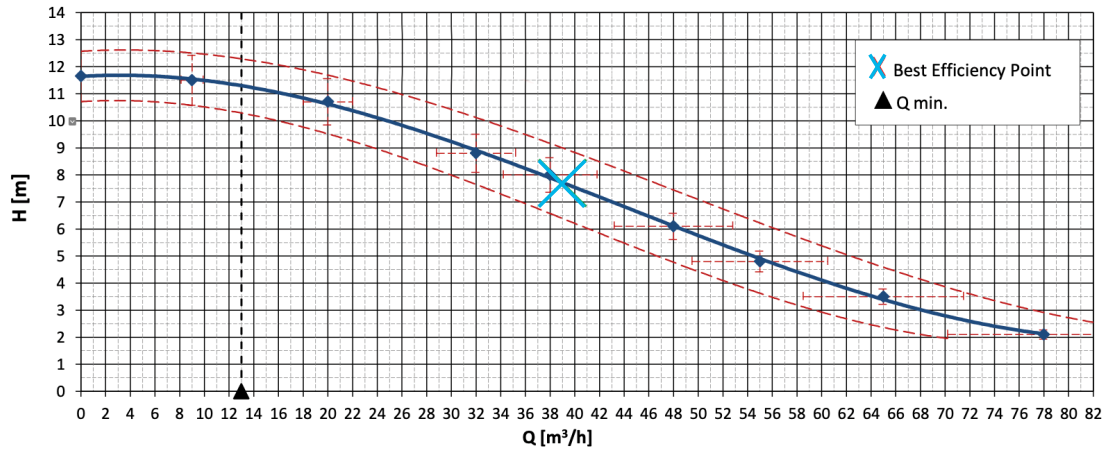
No.	Description	Material
5	Upper mech. seal	Carbon/Graphite/NBR
6	Lower mech. seal	SiC/SiC/NBR
7	Top bearing	6302-2RS
8	Lower bearing	6304-2RS

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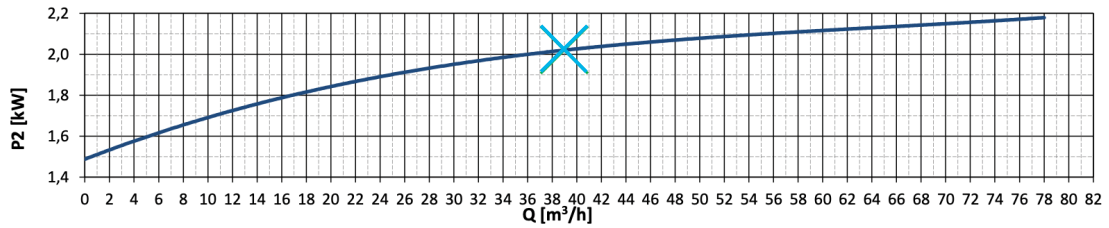
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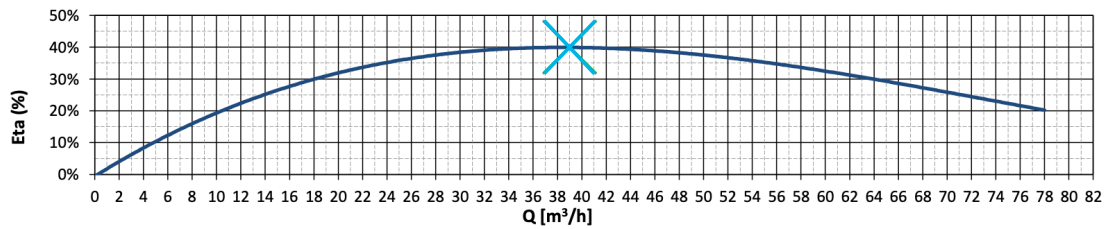
PERFORMANCE CURVE



SHAFT POWER



HYDRAULIC EFFICIENCY



FLOW (Q)	l/min	0,0	150,0	333,3	533,3	633,3	800,0	916,7	1083,3	1300,0			
	l/s	0,0	2,5	5,6	8,9	10,6	13,3	15,3	18,1	21,7			
	m³/h	0,0	9,0	20,0	32,0	38,0	48,0	55,0	65,0	78,0			
HEAD (H)	m	11,7	11,5	10,7	8,8	8,0	6,1	4,8	3,5	2,1			

Specifications

Pump Type	VX80T	Discharge	80mm BSP	Humidity Probe	Yes
Code	VX80T4.942	Power Supply	3ph 400V - 50Hz	Cable Length	10m
Construction	Cast Iron	Nominal Speed	1450rpm	Max Flow	78m³/hr
Impeller Type	Vortex	Rated Motor Power	2.9kW	Max Head	11.7m
Weight	76kg	Starting Current	27A	Ingress Rating	IP68
Impeller diameter	219mm	Rated Current	5.2A		
Solids Passage	80mm	Thermal Protection	Yes		

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Dimensions and installation

S Installation mobile

Packaging dimensions		
Measures [mm]		
A	B	C
750	450	390

FC With foot coupling

8FC000004	
1	1 1/2 guide rails bracket
2	Vertical foot - 3"out
3	Sliding bracket complete
4	Not supplied

D	550
E	600
F	400