



Vortex Submersible Pump

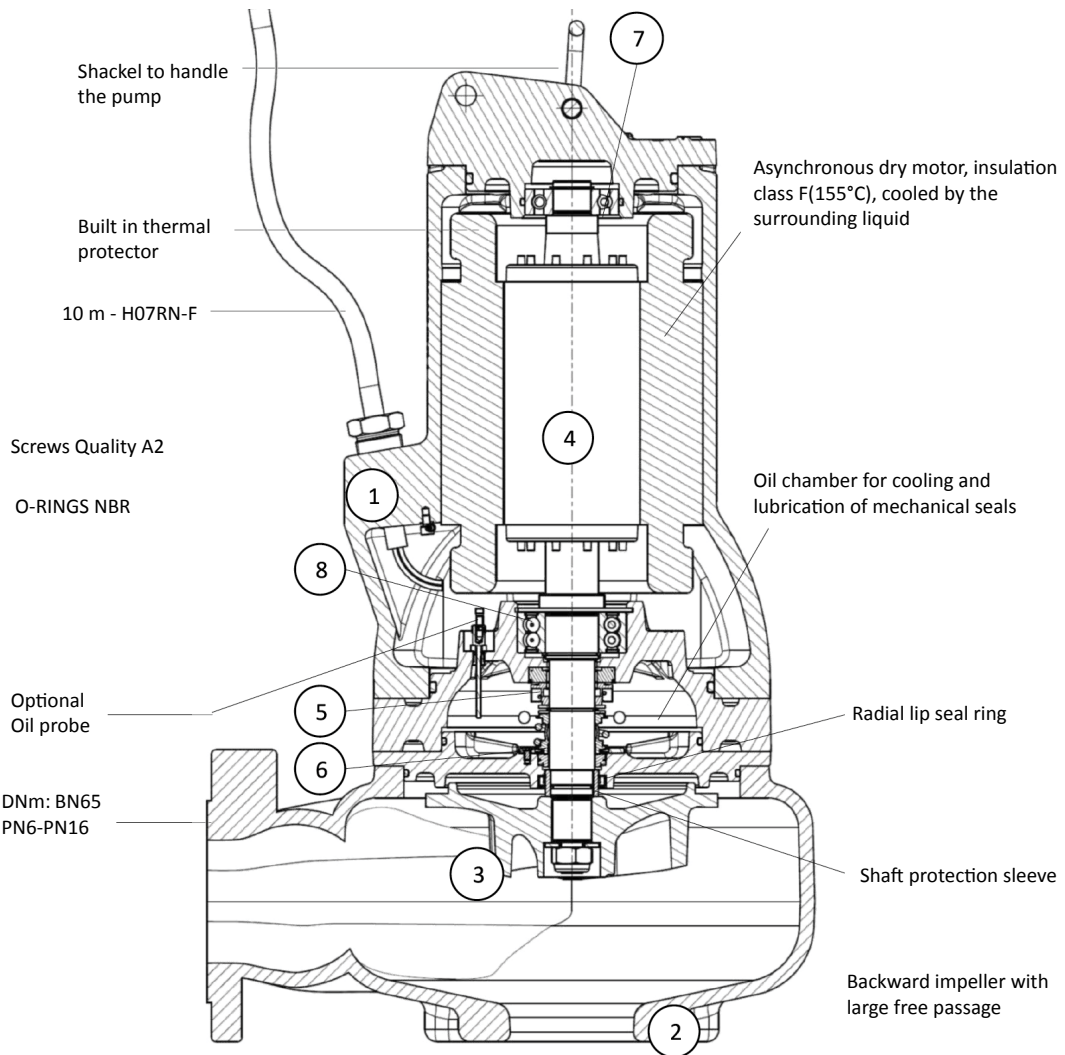
VX80T5.522



Vortex Submersible Pump VX80T5.522



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	6305-2RS
8	Lower bearing	3207-2RS

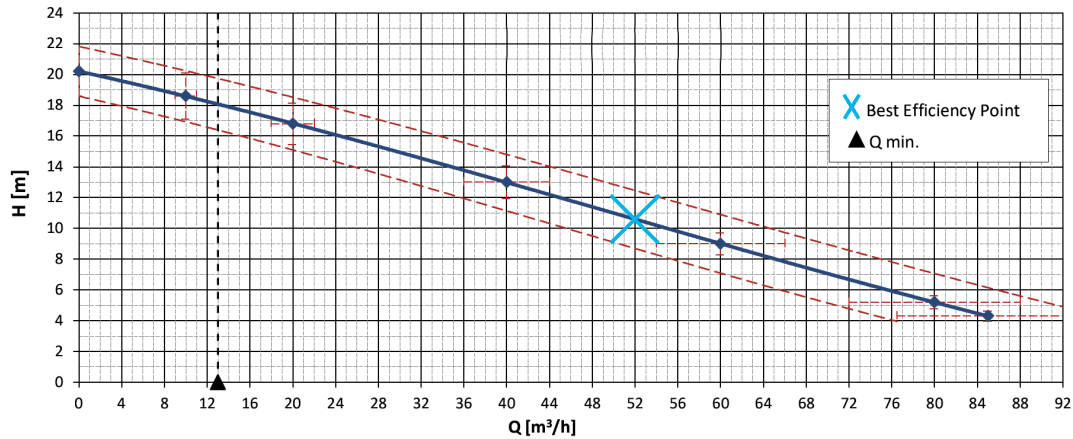
Vortex Submersible Pump

VX80T5.522

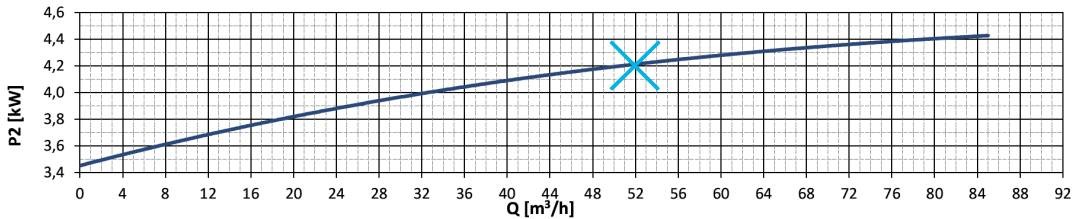


Influence area

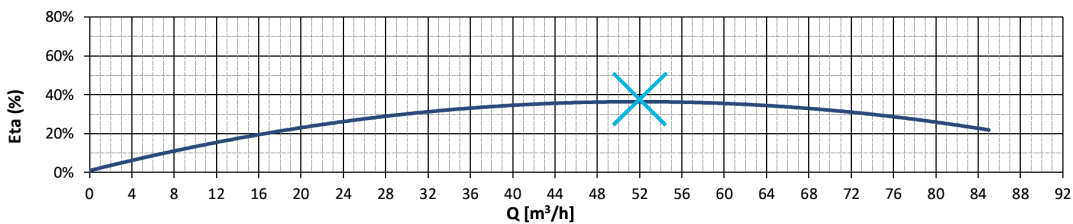
PERFORMANCE CURVE



SHAFT POWER



HYDRAULIC EFFICIENCY



FLOW (Q)	l/min	0,0	166,7	333,3	666,7	1000,0	1333,3	1416,7				
	l/s	0,0	2,8	5,6	11,1	16,7	22,2	23,6				
	m³/h	0,0	10,0	20,0	40,0	60,0	80,0	85,0				
HEAD (H)	m	20,2	18,6	16,8	13,0	9,0	5,2	4,3				

Specifications

Pump Type	VX80T	Discharge	80mm BSP	Humidity Probe	Yes
Code	VX80T5.522	Power Supply	3ph 400V - 50Hz	Cable Length	10m
Construction	Cast Iron	Nominal Speed	2900rpm	Max Flow	85m3/hr
Impeller Type	Vortex	Rated Motor Power	5.5kW	Max Head	20.2m
Weight	103kg	Starting Current	57A	Ingress Rating	IP68
Impeller diameter	161mm	Rated Current	10A		
Solids Passage	80mm	Thermal Protection	Yes		

Vortex Submersible Pump

VX80T5.522



Dimensions and installation

S	Installation mobile		Packaging dimensions						
			Measures [mm]						
			<table border="1"> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> <tr> <td>750</td> <td>450</td> <td>390</td> </tr> </table>	A	B	C	750	450	390
A	B	C							
750	450	390							

FC	With foot coupling										
			<p>8FC000004 KG: 30</p> <table border="1"> <tr> <td>1</td> <td>1"1/2 guide rails bracket</td> </tr> <tr> <td>2</td> <td>Vertical foot - 3"out</td> </tr> <tr> <td>3</td> <td>Sliding bracket complete</td> </tr> <tr> <td>4</td> <td>Not supplied</td> </tr> </table>	1	1"1/2 guide rails bracket	2	Vertical foot - 3"out	3	Sliding bracket complete	4	Not supplied
1	1"1/2 guide rails bracket										
2	Vertical foot - 3"out										
3	Sliding bracket complete										
4	Not supplied										
			<table border="1"> <tr> <td>D</td> <td>550</td> </tr> <tr> <td>E</td> <td>600</td> </tr> <tr> <td>F</td> <td>400</td> </tr> </table>	D	550	E	600	F	400		
D	550										
E	600										
F	400										