



Vortex Submersible Pump

VX80T4.942

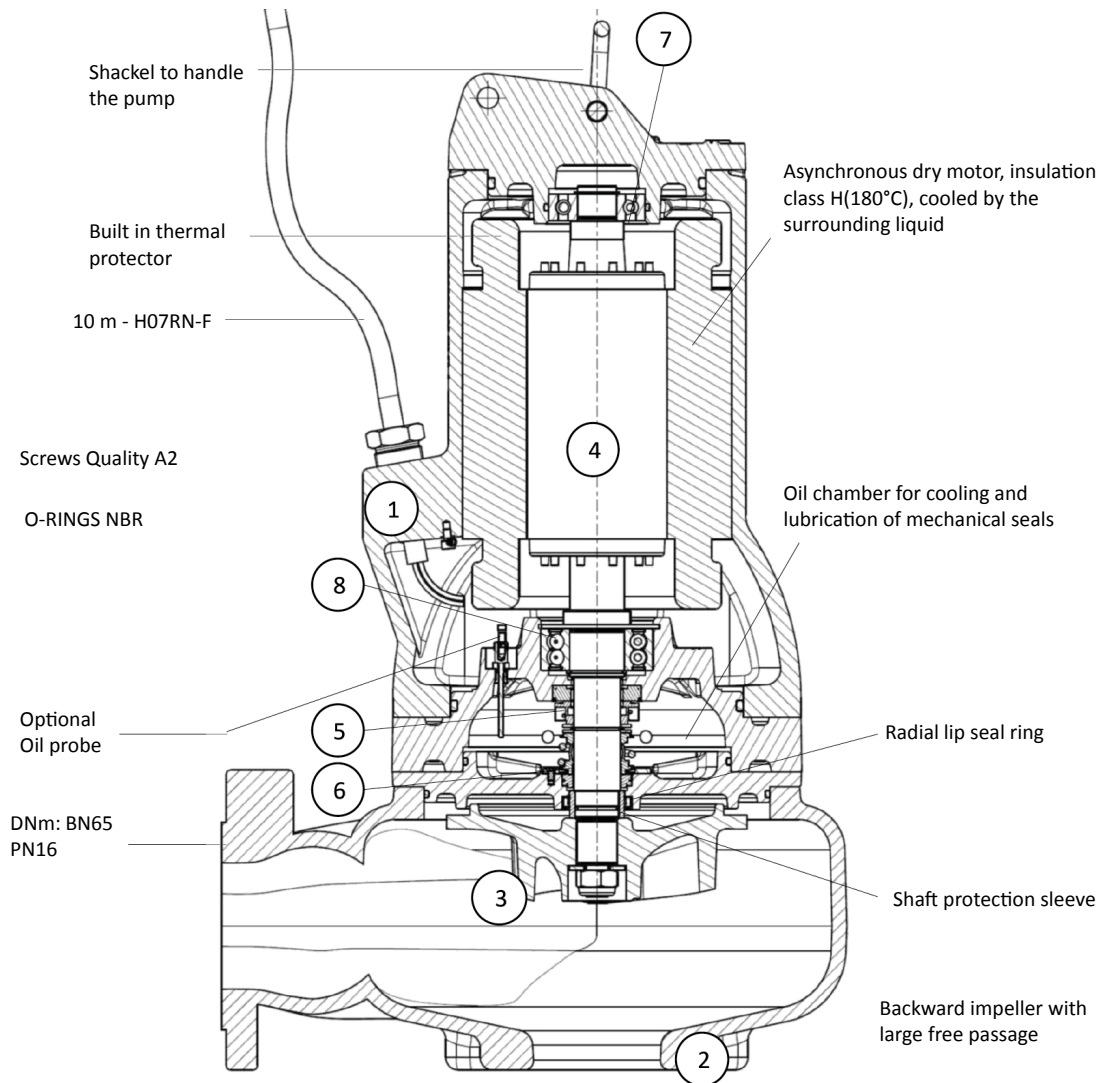


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Construction features

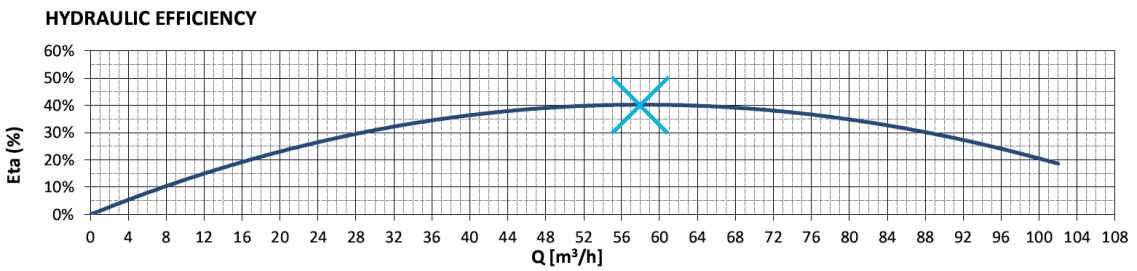
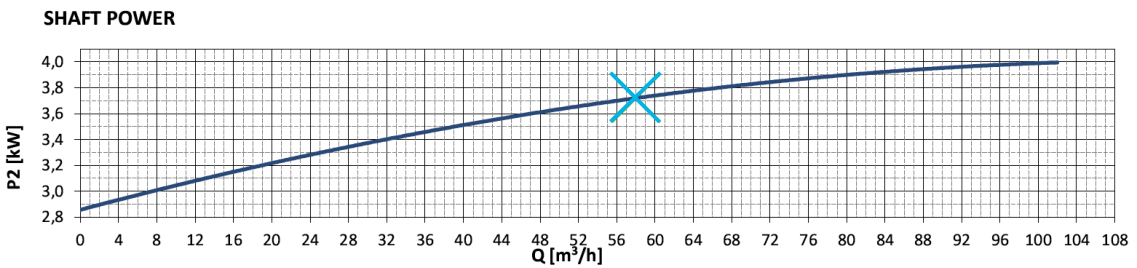
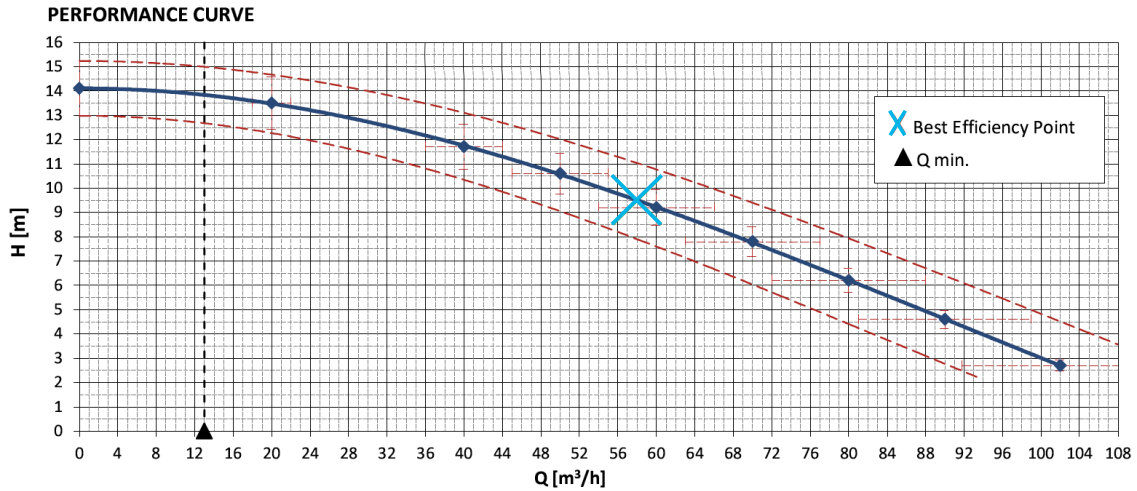


No.	Description	Material
1	Motor group	Cast iron
2	Cover	Cast iron
3	Self cleaning propeller	Cast iron
4	Shaft	AISI 420B

No.	Description	Material
5	Upper mech. seal	Carbon/Graphite/NBR
6	Lower mech. seal	SiC/SiC/NBR
7	Top bearing	6305-2RS
8	Lower bearing	3207-2RS

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FLOW (Q)	l/min	0,0	333,3	666,7	833,3	1000,0	1166,7	1333,3	1500,0	1700,0			
	l/s	0,0	5,6	11,1	13,9	16,7	19,4	22,2	25,0	28,3			
	m ³ /h	0,0	20,0	40,0	50,0	60,0	70,0	80,0	90,0	102,0			
HEAD (H)	m	14,1	13,5	11,7	10,6	9,2	7,8	6,2	4,6	2,7			

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	102m ³ /hr
Impeller Type	Vortex	Rated Motor Power	4.9kW	Max Head	14.1m
Weight	108kg	Starting Current	44.5A	Ingress Rating	IP68
Impeller diameter	220mm	Rated Current	8.1A		
Solids Passage	80mm	Thermal Protection	Yes		

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Dimensions and installation

S Installation mobile

UNI EN 1092-1
DN80 PN10

12x \varnothing 18

\varnothing 81

\varnothing 160

Packaging dimensions

Measures [mm]

A	B	C
750	450	390

FC With foot coupling

REF.

563,5

322

81

2x \varnothing 1 1/2

171

345

108

756

334

S1: 747

321

180

55

95

2x \varnothing 18

327

160

220

240

66

94

UNI EN 1092-1
DN80 PN10

12x \varnothing 19

4xR9

8FC00004 **KG: 30**

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