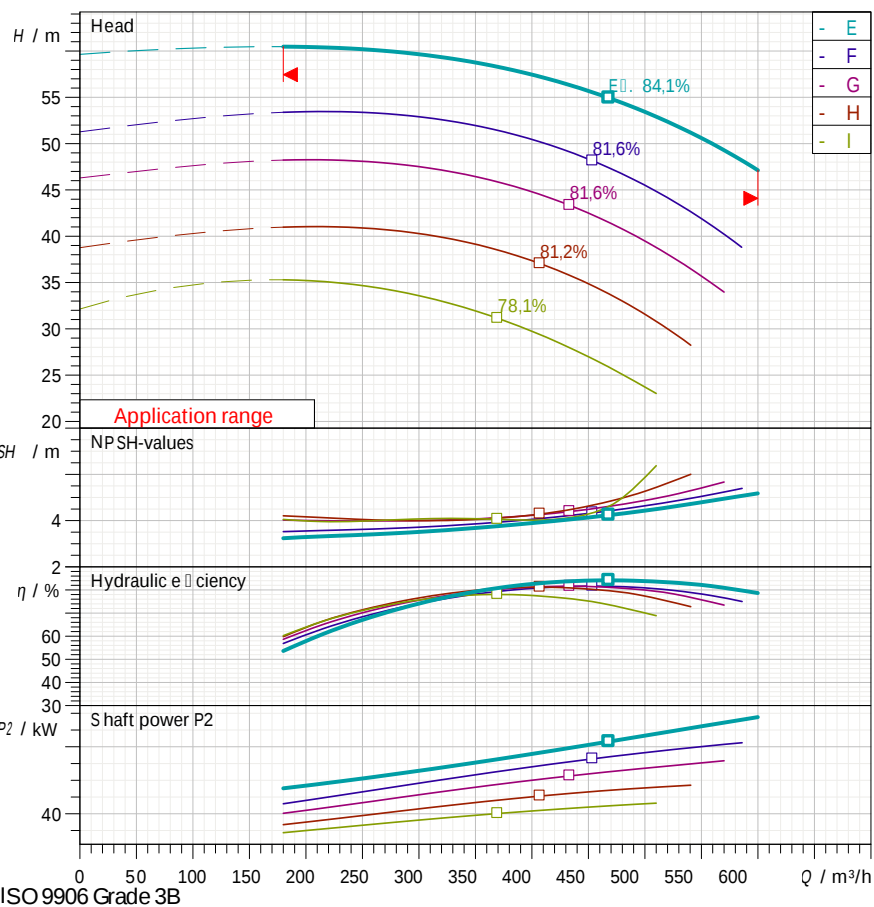


Technical data

SN4F150-400-E-OB-TB-GG

MEI $\geq 0,4$



Operating data specification

Capacity	
Head	
Fluid	Pure water
Type of installation	<Single head pump>

Pump operating data

Design	SN4F150-400-E-OB-TB-GG
Impeller Ø	420 mm
Speed	1450 1/min
Flow	
Head	
Shaft power P2	
Efficiency	
Head (Q=0)	59,6 m
Non return valve loss	

Electric motor technical data

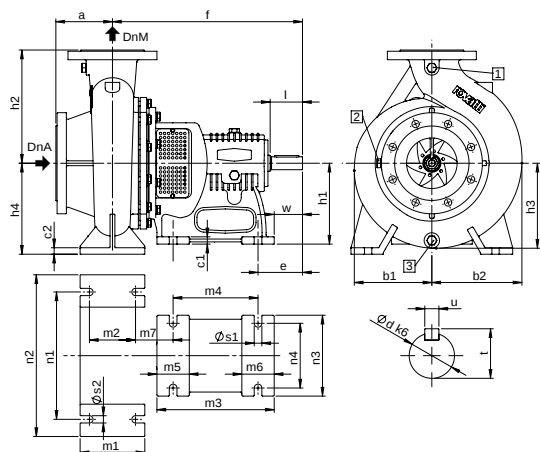
Design	
Rated power	
Frequency	
Number of poles	
Nominal speed	
Rated voltage	
Starting mode	
Rated current	
Insulation class	
Degree of protection	

Use limits

Max N° startings/hour	
Max. runing time with Q=0	2 min
Max. solids contents	60 g/m³
Max. pumped liquid temperature	90 °C
Maximum density	998 kg/m³
Maximum viscosity	1 mm²/s

Materials

Pump body	Cast iron
Impeller	Carbon steel + Cataphoresis
Wear ring	Cast iron
Support	Cast iron
Bearing support	Cast iron
Shaft	Stainless steel
Twiner system®	Stainless steel
Stu ng-box packing	Synthetic bers
Shaft protection bushing	Chromed stainless steel



Dimensions in	mm	Total weight	206 kg
DNa	200	s1	19
DNm	150	s2	23
a	160	l	110
b1	294	w	65
b2	311	d	42
c1	22	t	12
c2	20	u	45
f	530	1	G3/8"
h1	250	2	G3/8"
h2	450	3	G3/8"
h3	311	e	110
h4	315		
m1	200		
m2	150		
m3	340		
m4	250		
m5	90		
m6	90		
m7	95		
n1	450		
n2	550		
n3	250		
n4	200		

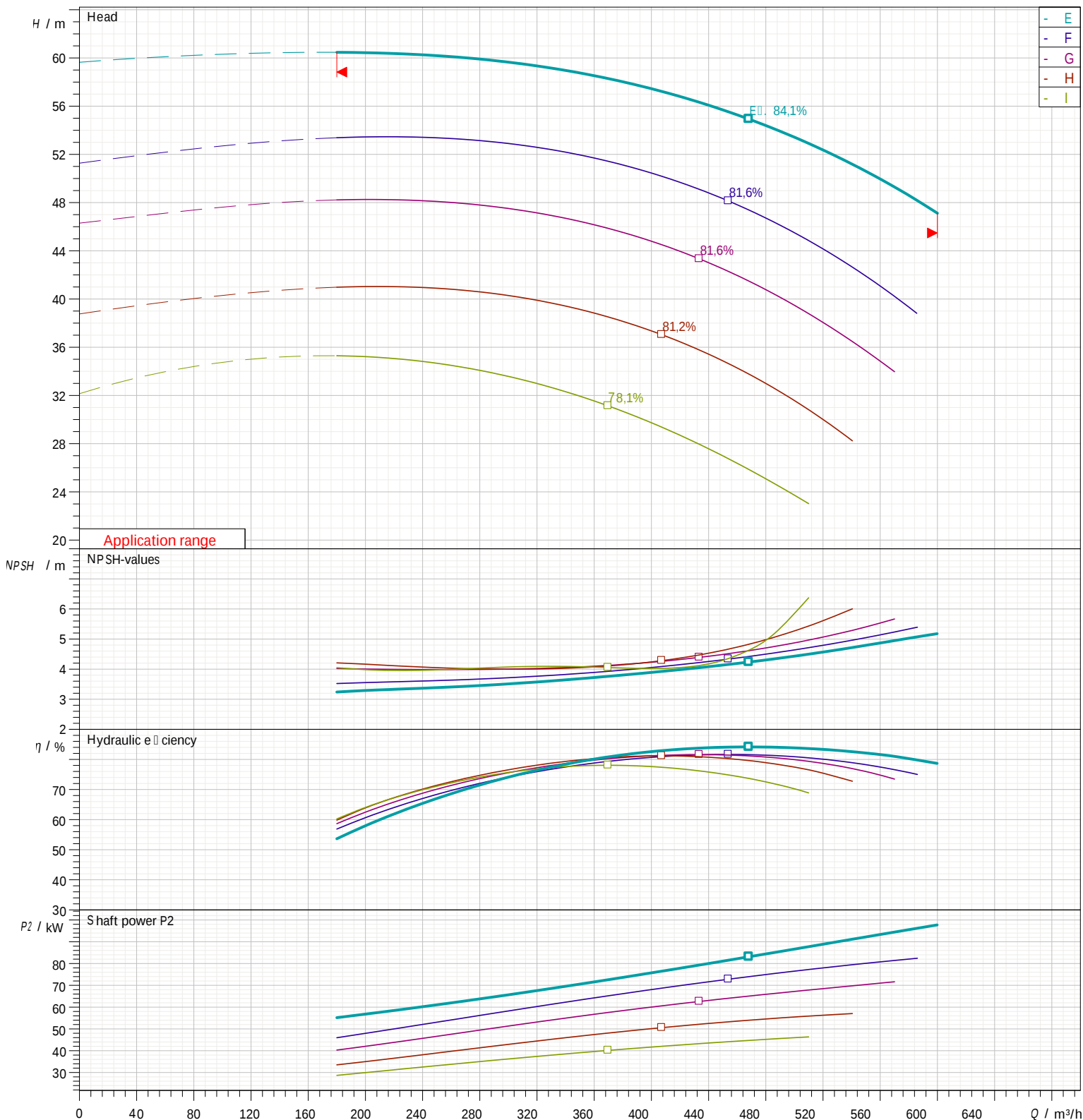
Performance curves

SN4F150-400-E-OB-TB-GG

MEI $\geq 0,4$

Performances

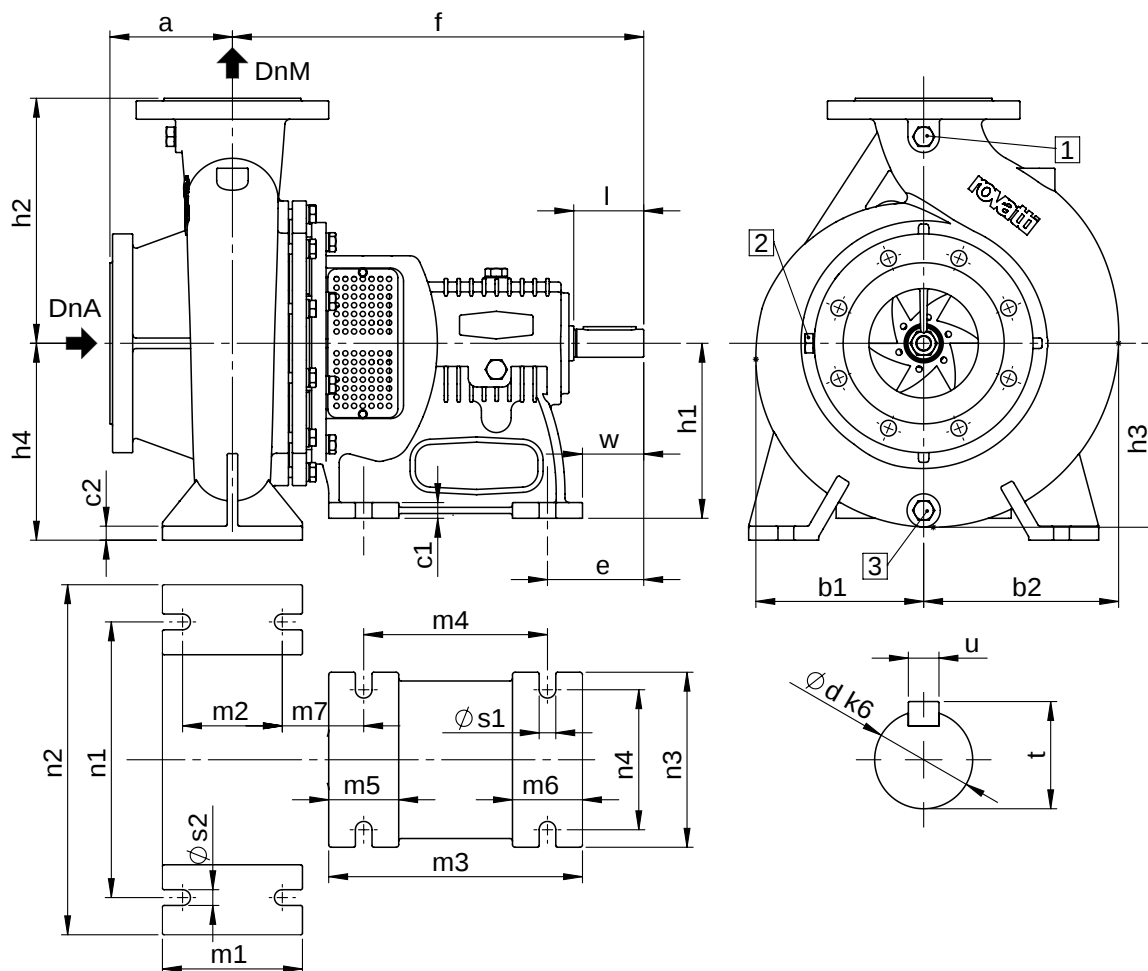
Speed	1450 1/min	Density	998 kg/m ³
Flow	Min. 180 m ³ /h	Viscosity	1 mm ² /s
	Max. 600 m ³ /h	Temperature	20 °C
Efficiency	Max. 84,1%	Tolerances	ISO 9906 Grade 3B



Types of installation

SN4F150-400-E-OB-TB-GG

MEI $\geq 0,4$



Dimensions in				mm	Total weight			206 kg
DNa	200			s1	19			
DNm	150			s2	23			
a	160			l	110			
b1	294			w	65			
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m5	90							
m6	90							
m7	95							
n1	450							
n2	550							
n3	250							
n4	200							

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Products you can rely on

Rovatti cataphoresis coating

Cataphoresis is an electrochemical coating process for cast iron components provided by Rovatti Pompe to improve protection from weather conditions, alkali and diluted acids.

Rovatti cataphoresis treatment is characterized by a high adhesion to the surfaces and uniformity of the coating also in the inner cavities of the component.

The result is a black semi-gloss protective layer with homogeneous thickness.

Rovatti cataphoresis treatment produces a reduced surface friction in the hydraulic channels improving pump efficiency and increasing driving motor life.

Components treated with the Rovatti cataphoresis coating are easily removable during the usual maintenance operations.



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Products you can rely on

Twinner System®

To make maintenance operation more efficient, it is essential to reduce the time and the cost of any intervention. The exclusive Twinner System® by Rovatti allows to easily operate on gland packing box without removing shaft support.



Available on many pumps of the wide Rovatti production range the Twinner System® consists of:

- Flange in two stainless steel halves that through a simple extraction greatly facilitates the replacing operations of stuffing-box packing.
- Easy to adjust and long-term functioning stuffing-box packing on stainless steel chromium coated bush.
- Stainless steel screws that allow easy disassembling, control and stuffing-box replacement procedures even after several operation hours.



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