

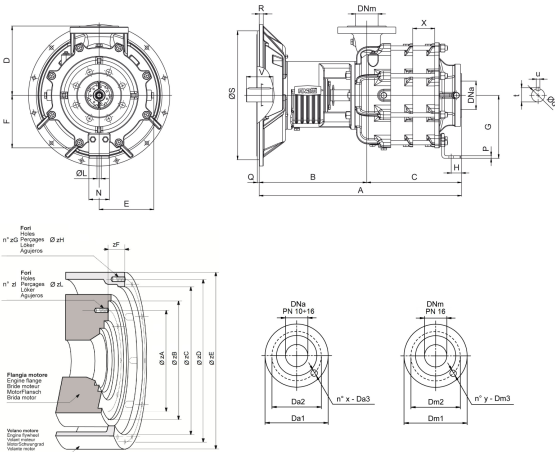
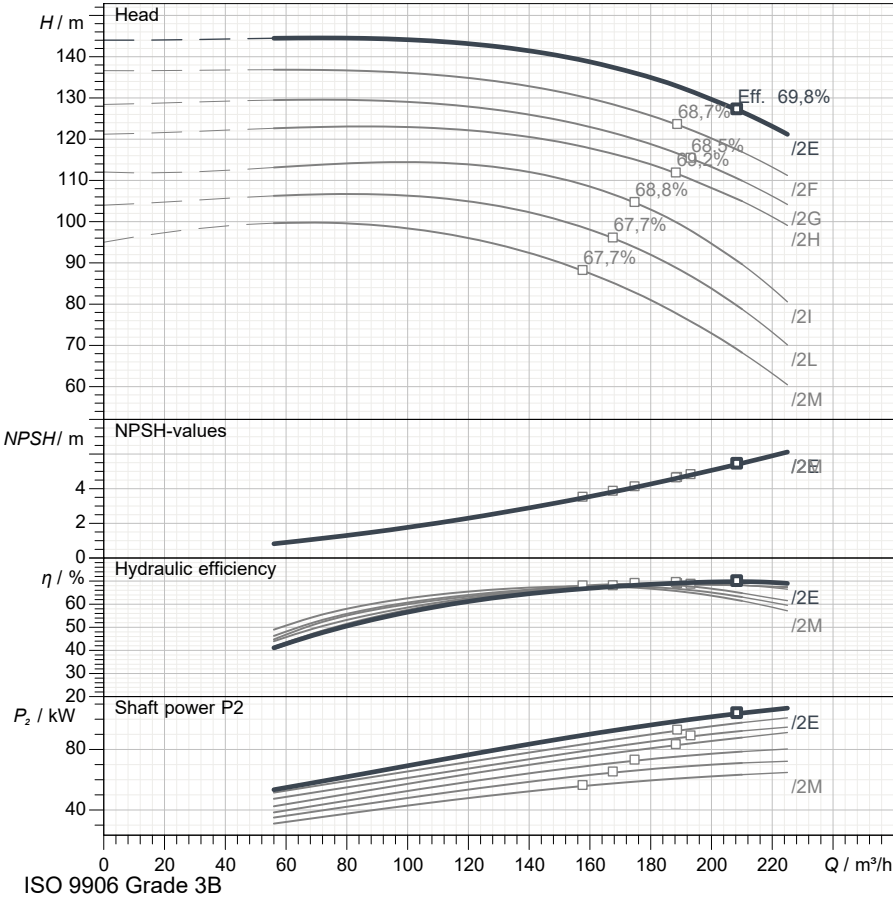
Product description

F34K125/2E

Pos.no	Description	Item no	Qty.	UP / €	TP / €
1	Multistage flanged pump for SAE thermic engines				
2	Centrifugal pump: F34K125/2E		1	Price on req.	Price on req.
3	<p>Pump bodies</p> <p>Multistage SAE flanged pump with axial inlet. Outlet with upwards delivery flange laterally rotating 90° on both sides. Oil lubricated bearing support.</p> <p>Duty point Flow : / Head :</p> <p>Pump operating data Impeller diameter : / Speed : 1.800 1/min Flow : / Head : Shaft power P2 : / Efficiency : Head (Q = 0) : 144 m Flange : SAE 3 / Flywheel : 8"</p> <p>Flange : Spheroidal cast iron Bearing support : Cast iron Shaft : Steel Pump body : Cast iron Diffuser shell : Cast iron Diffuser : Cast iron Impeller : Cast iron Wear ring : Cast iron Suction bowl : Cast iron</p> <p>Max. solid contents : 40 g/m³ Max. water temperature : 90 °C Max. running time with Q=0 : 2 min</p>				
4	Shaft seal: Tenuta a baderna Twinner system®		1		
5	<p>Stuffing-box packing : Synthetic fibers</p> <p>Twiner system® : Stainless steel</p> <p>Shaft protection bushing : Chrome steel</p>				

Technical data

F34K125/2E



Dimensions in				Total weight				242 kg	
		mm							
A	690	Dm1	220	H	38	u	14	zD	428,6
B	410	Dm2	180	L	18	V	98	zE	451
C	280	Dm3	19	N	160	x	8	zF	61,61
d	48	DNa	125	P	8	X	125	zG	12
D	400	DNrr	100	Q	6	y	8	zH	M10
Da1	250	E	273	R	15	zA	244,5	zI	6
Da2	210	F	284	S	409,6	zB	263,5	zL	M10
Da3	19	G	280	t	51,5	zC	409,6		

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

Pump operating data	
Design	F34K125/2E
Impeller Ø	
Speed	1.800 1/min
Flow	
Head	
Shaft power P2	
Efficiency	
Head (Q=0)	144 m
Non return valve loss	

Motor coupling	
Flange	SAE 3
Flywheel	8"

Use limits	
Max N° startings/hour	
Max. running time with Q=0	2 min
Max. solids contents	40 g/m ³
Max. pumped liquid temperature	90 °C
Maximum density	998 kg/m ³
Maximum viscosity	1 mm ² /s

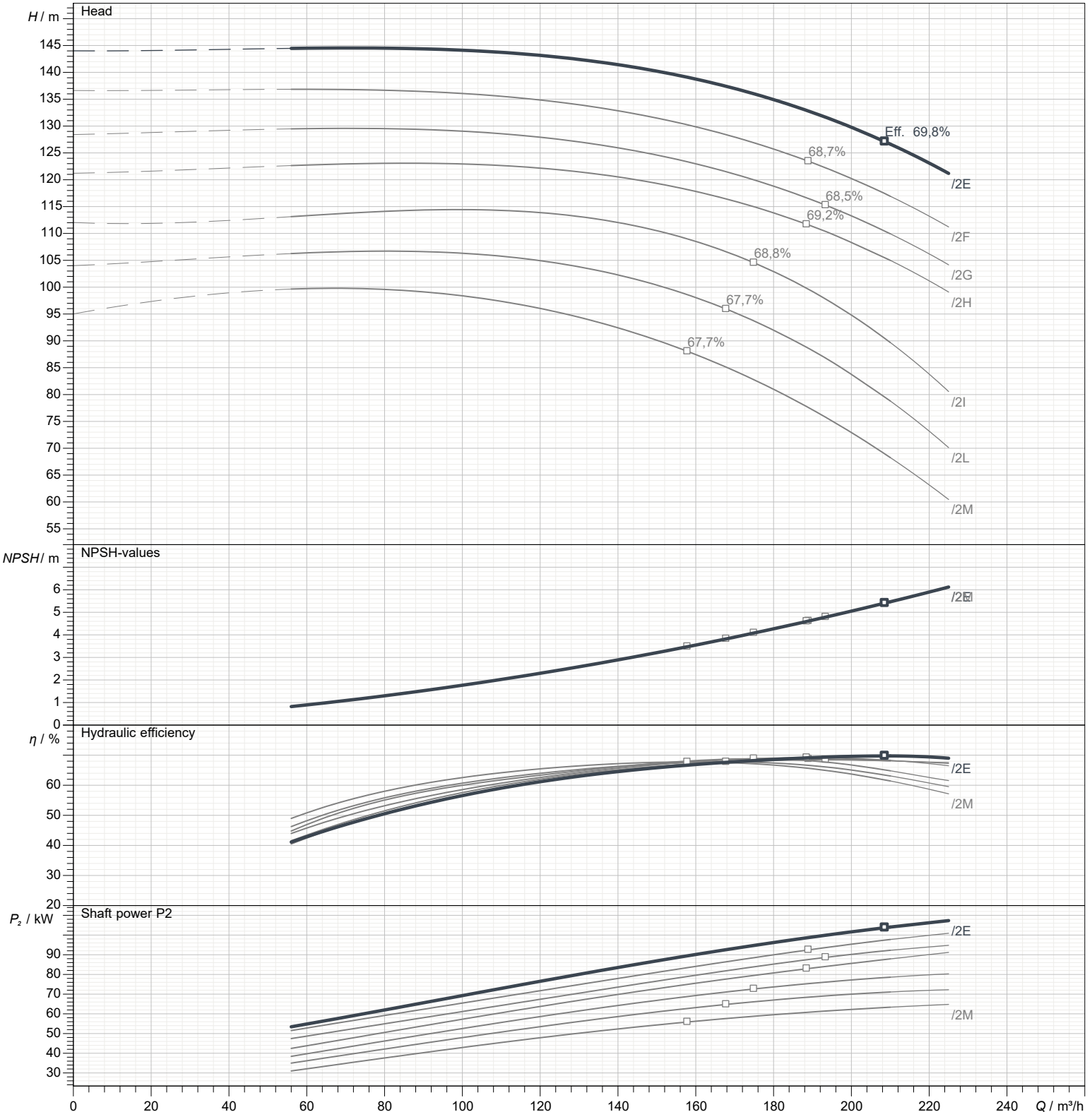
Materials	
Flange	Spheroidal cast iron
Bearing support	Cast iron
Shaft	Steel
Pump body	Cast iron
Diffuser shell	Cast iron
Diffuser	Cast iron
Impeller	Cast iron
Wear ring	Cast iron
Suction bowl	Cast iron

Shaft seal	
Stuffing-box packing	Synthetic fibers
Twinner system®	Stainless steel
Shaft protection bushing	Chrome steel

Performance curves

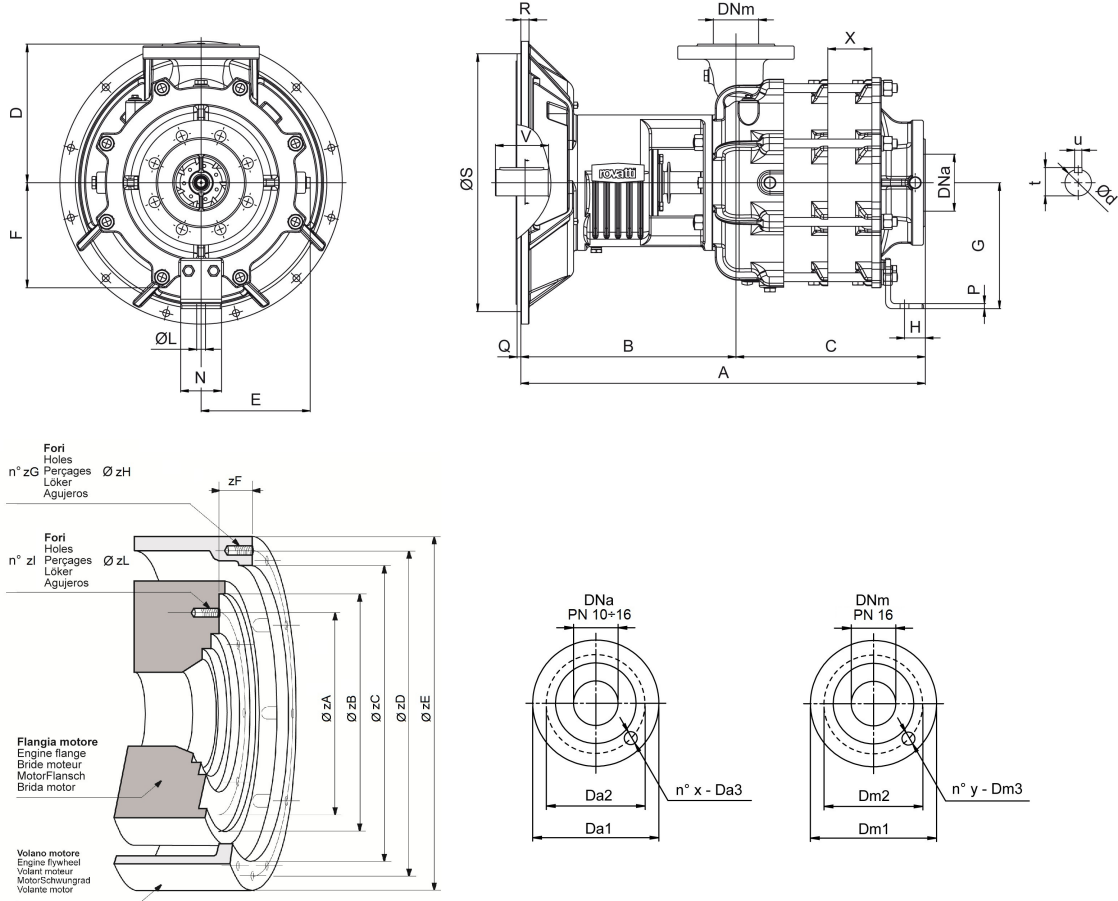
F34K125/2E

Performances				
Speed		1.800 1/min	Density	998 kg/m ³
Flow	Min.	56 m ³ /h	Viscosity	1 mm ² /s
	Max.	210 m ³ /h		
Efficiency	Max.	209 m ³ /h	Temperature	20 °C
			Tolerances	ISO 9906 Grade 3B



Types of installation

F34K125/2E



Total weight		242 kg		Dimensions in mm	
A	690	R	15		
B	410	S	409,6		
C	280	t	51,5		
d	48	u	14		
D	400	V	98		
Da1	250	x	8		
Da2	210	X	125		
Da3	19	y	8		
Dm1	220	zA	244,5		
Dm2	180	zB	263,5		
Dm3	19	zC	409,6		
DNa	125	zD	428,6		
DNm	100	zE	451		
E	273	zF	61,61		
F	284	zG	12		
G	280	zH	M10		
H	38	zI	6		
L	18	zL	M10		
N	160				
P	8				
Q	6				