

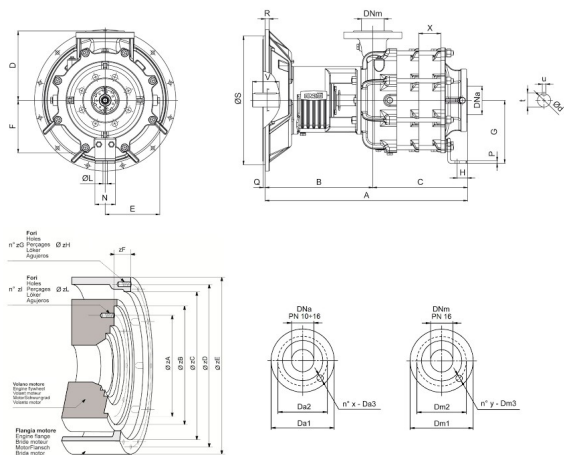
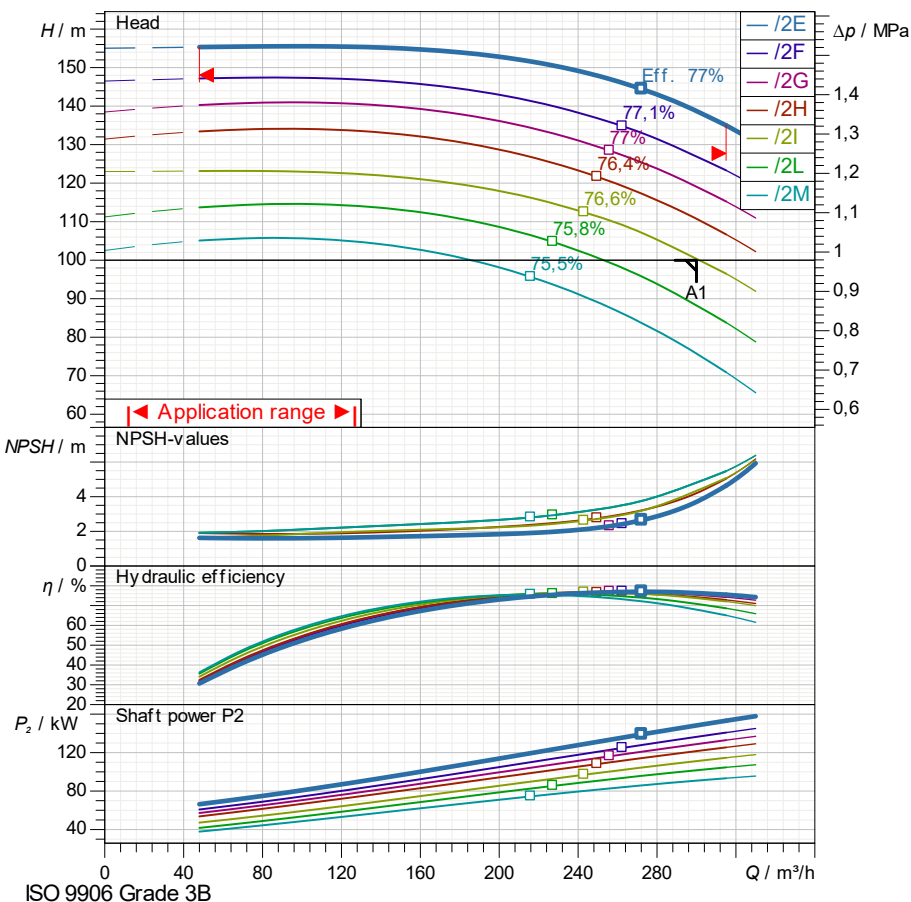
Product description

F34K150/2E

	Pos.no	Description	Item no	Qty.	UP / EUR	TP / EUR
1		Multistage flanged pump for SAE thermic engines				
2		Centrifugal pump: F34K150/2E		1	Price on req.	Price on req.
3		Pump bodies Multistage SAE flanged pump with axial inlet. Outlet with upwards delivery flange laterally rotating 90° on both sides. Oil lubricated bearing support. Duty point Flow : 300 m³/h / Head : 100 m Pump operating data Impeller diameter : / Speed : 1.800 1/min Flow : / Head : Shaft power P2 : / Efficiency : Head (Q = 0) : 155 m Flange : SAE 3 / Flywheel : 8" 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 Max. solid contents : 0...40 g/m³ Max. water temperature : 0 °C...90 °C Max. running time with Q=0 : 2 min				
4		Shaft seal: Tenuta a baderna Twinner system®		1		
5		Stuffing-box packing : Synthetic fibers Twiner system® : Stainless steel Shaft protection bushing : Chrome steel				

Technical data

F34K150/2E



Dimensions in				mm	Total weight				264 kg
A	706	Dm1	250	H	38	u	14	zD	428,6
B	410	Dm2	210	L	18	V	98	zE	451
C	296	Dm3	19	N	160	x	8	zF	61,61
d	48	DNa	150	P	8	X	130	zG	12
D	420	DNm	125	Q	6	y	8	zH	M10
Da1	285	E	312	R	15	zA	244,5	zI	6
Da2	240	F	293	S	409,6	zB	263,5	zL	M10
Da3	23	G	280	t	51,5	zC	409,6		

Operating data specification

Capacity	300 m³/h
Head	100 m
Fluid	Pure water
Type of installation	<Single head pump>

Pump operating data

Design	F34K150/2E
Impeller Ø	
Speed	1.800 1/min
Flow	
Head	
Shaft power P2	
Efficiency	
Head (Q=0)	155 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	0...40/m³
Max. pumped liquid temperature	0 °C...90 °C
Maximum density	998 kg/m³
Maximum viscosity	1 mm²/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

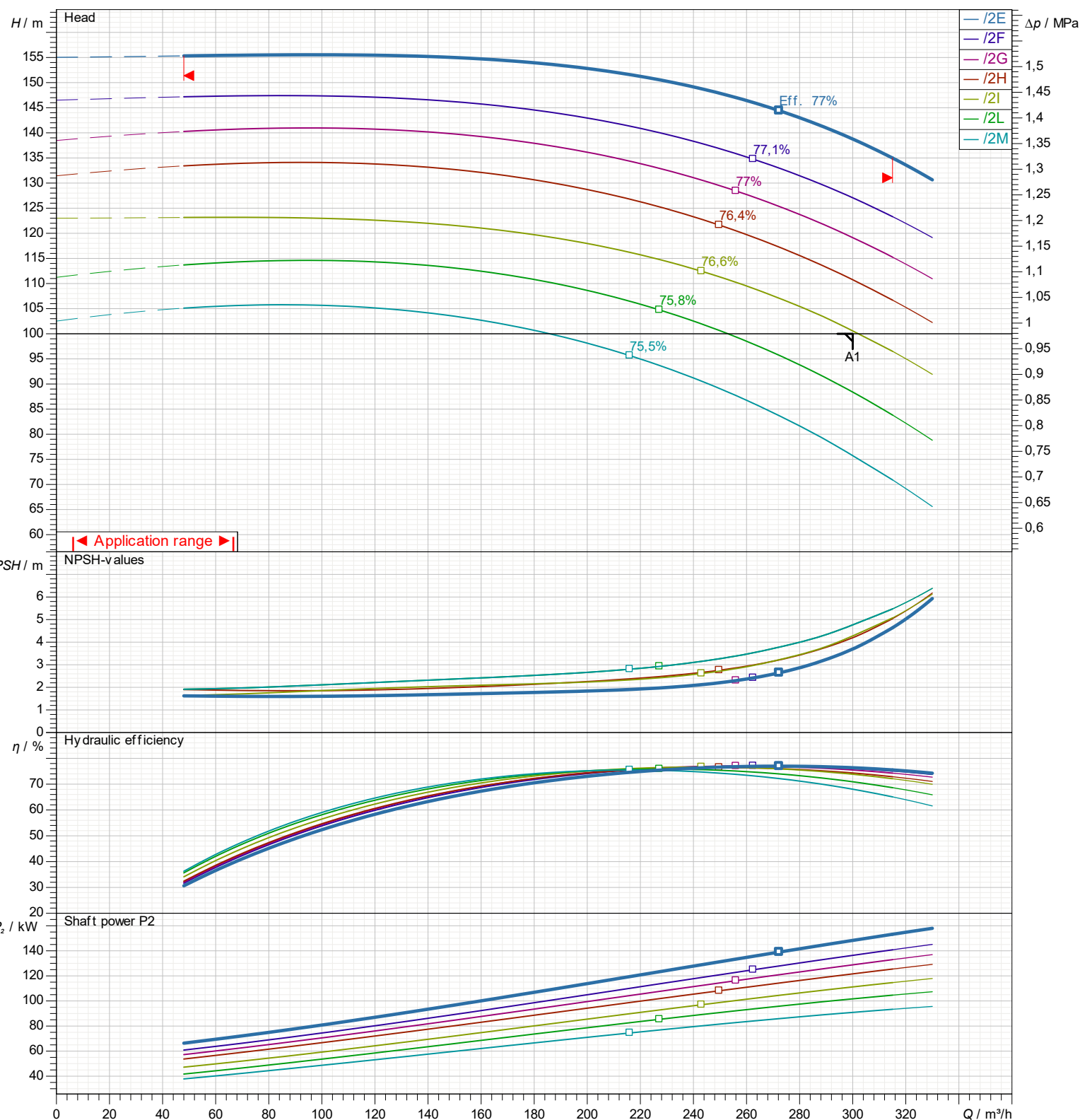
Shaft seal

Stuffing-box packing	Synthetic fibers
Tw inner system®	Stainless steel
Shaft protection bushing	Chrome steel

Performance curves

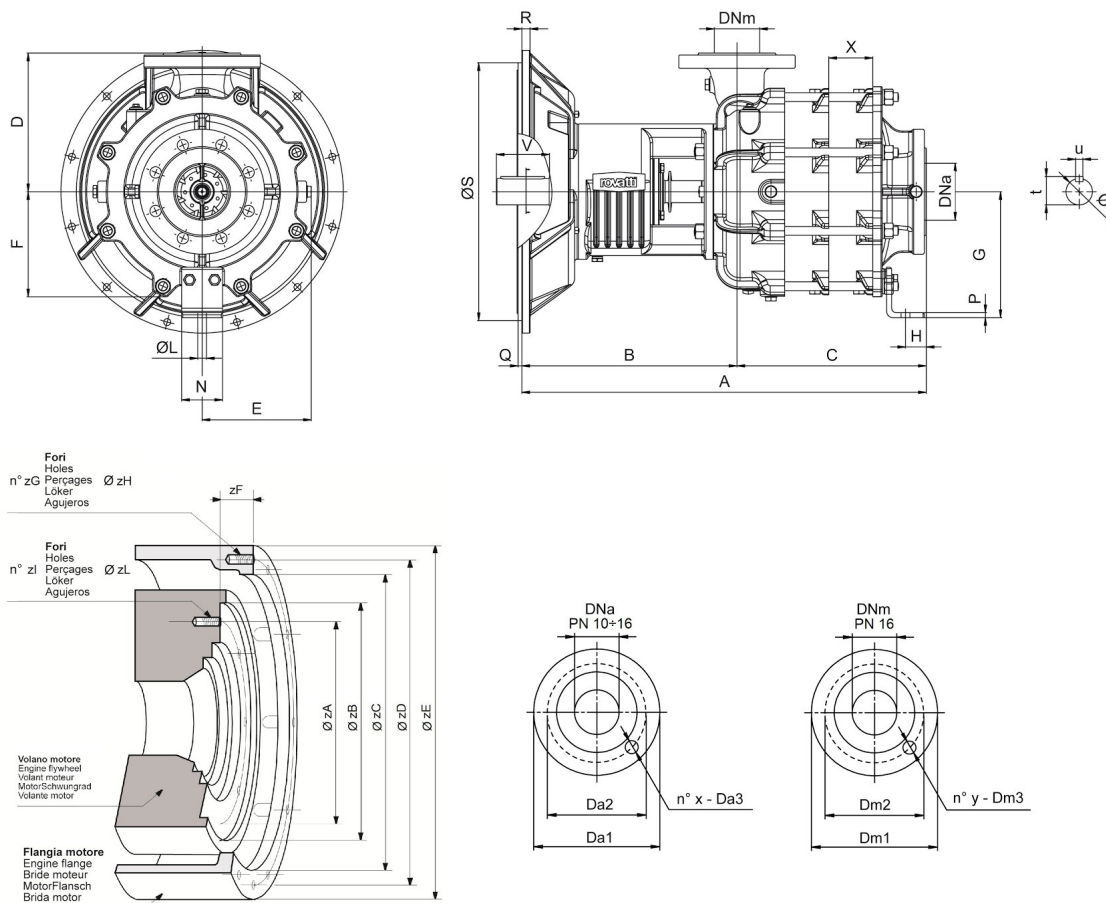
F34K150/2E

Performances				
Speed		1.800 1/min	Density	998 kg/m³
Flow	Min.	48 m³/h	Viscosity	1 mm²/s
Flow	Max.	315 m³/h	Temperature	20 °C
Efficiency	Max.	272 m³/h	Tolerances	ISO 9906 Grade 3B



Types of installation

F34K150/2E



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N	160				
P	8				
Q	6				