



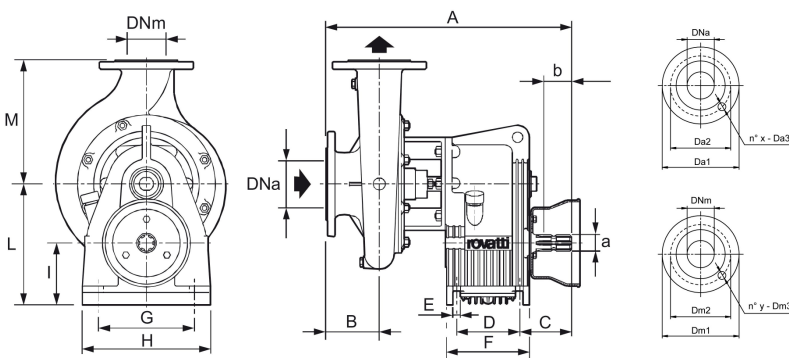
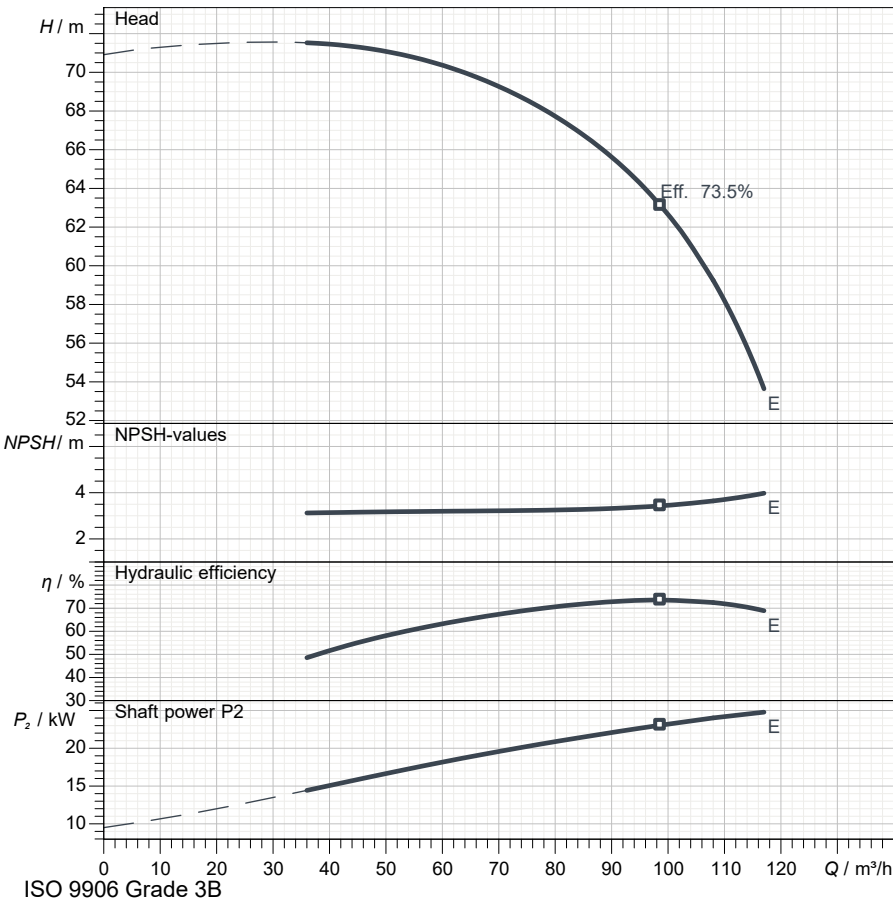
Product description

T2-80E-TW [3500 1/min]

Pos.no	Description	Item no	Qty.	UP / €	TP / €
1	Medium head single-stage pump				
2	Centrifugal pump: T2-80E-TW [3500 1/min]		1	Price on req.	Price on req.
3	<p>Pump bodies Horizontal single-stage scroll centrifugal pump with axial inlet and radially adjustable outlet.</p> <p>Duty point Flow : / Head :</p> <p>Pump operating data Impeller diameter : 189 mm / Speed : 3500 1/min Flow : / Head : Shaft power P2 : / Efficiency : Head (Q = 0) : 70.91 m PTO min-1 : 500 / Gear ratio : 7 Trolley : CT.2 / CT.3 / Three-point mounting : A2T</p> <p>Gear box : Cast iron PTO shaft : Case hardened steel PTO transmission gear : Case hardened steel Shaft pinion : Case hardened steel Impeller : Cast iron Pump body : Cast iron</p> <p>Max. solid contents : 40 g/m³ Max. water temperature : 60 °C Max. running time with Q=0 : 2 min</p>				
4	Shaft seal: Packed gland		1		
5	<p>Stuffing-box packing : Synthetic fibers Twinner system® : Stainless steel</p>				

Technical data

T2-80E-TW [3500 1/min]



Dimensions in					mm		Total weight			53 kg
a	1"3/8	Da3	18	G	210					
A	470	Dm1	185	H	242					
b	60	Dm2	145	I	115					
B	105	Dm3	18	L	222					
C	101	DNa	80	M	195					
D	120	DNr	65	x	8					
Da1	200	E	14	y	4					
Da2	160	F	162							

Operating data specification

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

Pump operating data

Design	T2-80E-TW [3500 1/min]
Impeller Ø	189 mm
Speed	3500 1/min
Flow	
Head	
Shaft power P2	
Efficiency	
Head (Q=0)	70.9 m
Non return valve loss	

Coupling

Gear ratio	7
PTO	500 1/min
Trolley	CT.2 / CT.3
Three-point mounting	A2T

Use limits

Max N° startings/hour	
Max. running time with Q=0	2 min
Max. solids contents	40 g/m³
Max. pumped liquid temperature	60 °C
Maximum density	998 kg/m³
Maximum viscosity	1 mm²/s

Materials

Gear box	Cast iron
PTO shaft	Case hardened steel
PTO transmission gear	Case hardened steel
Shaft pinion	Case hardened steel
Impeller	Cast iron
Pump body	Cast iron

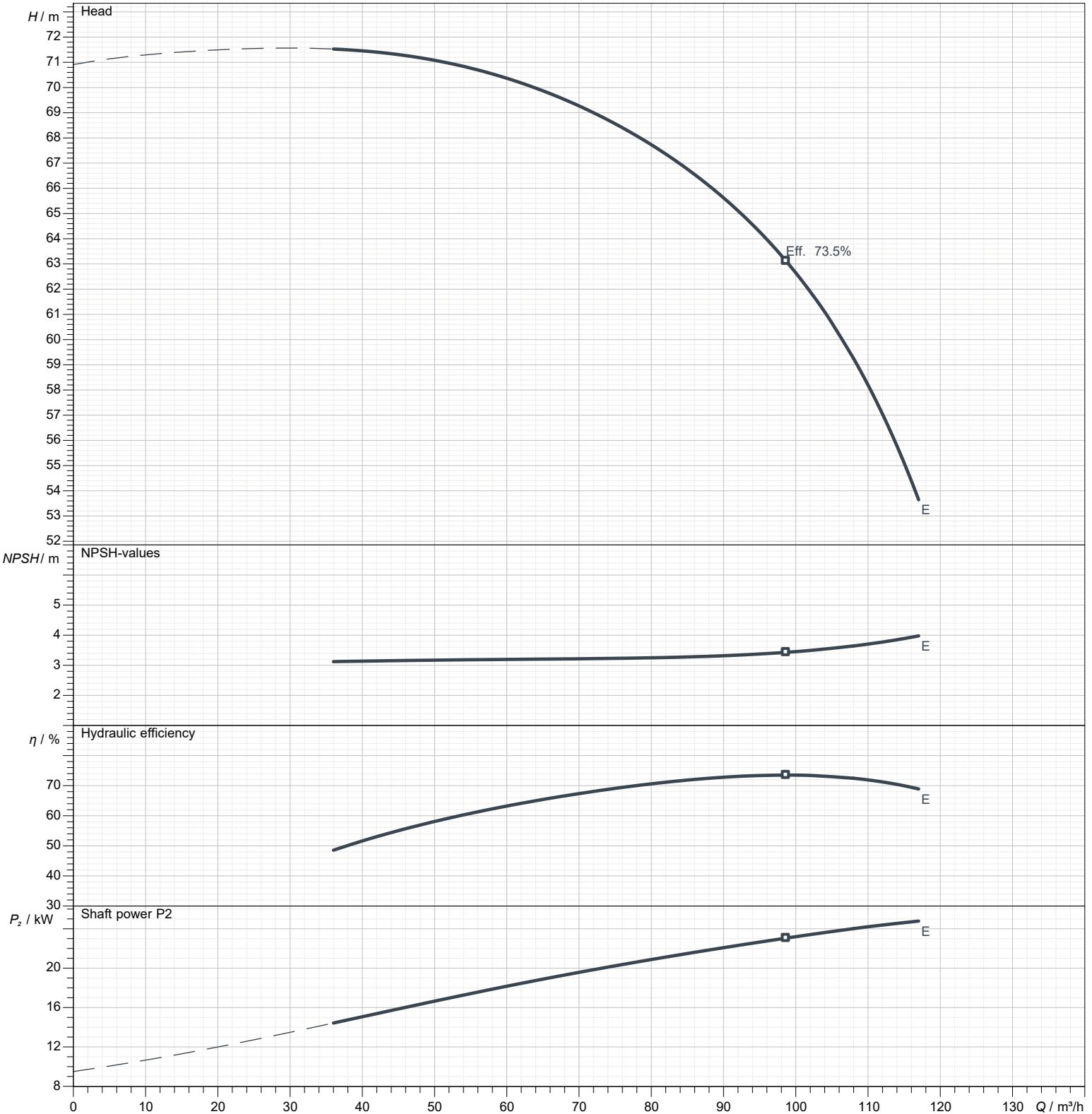
Shaft seal

Stuffing-box packing	Synthetic fibers
Twinner system®	Stainless steel

Performance curves

T2-80E-TW [3500 1/min]

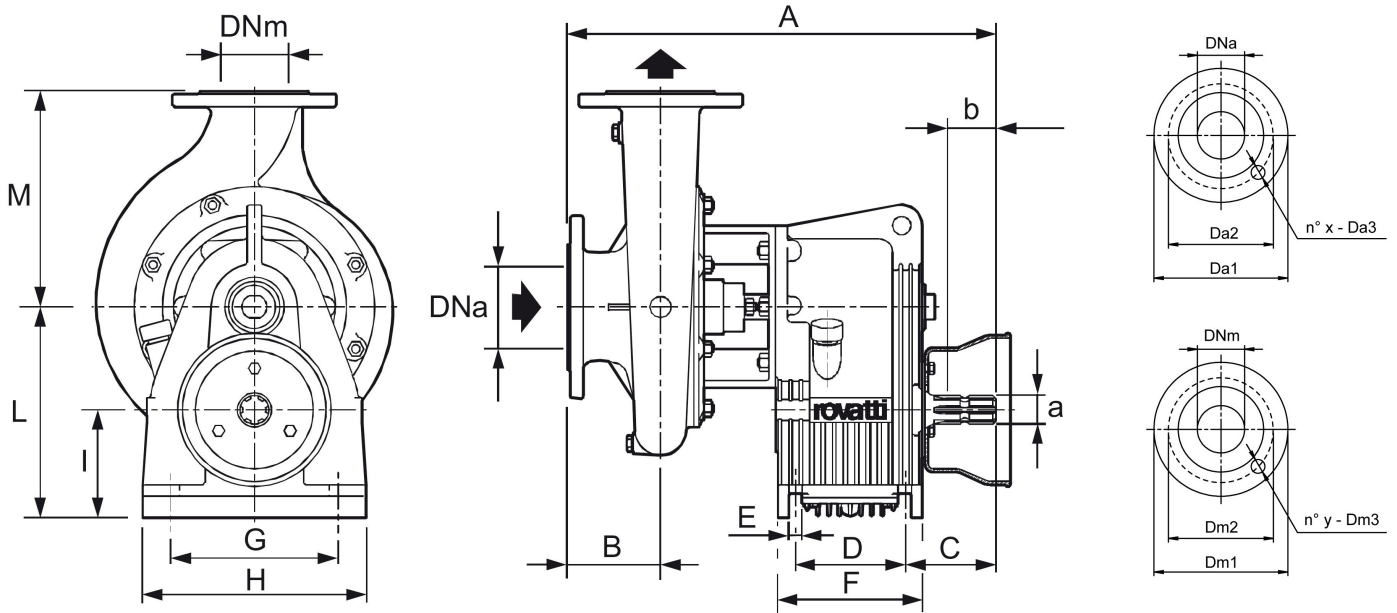
Performances				
Speed		3500 1/min	Density	998 kg/m ³
Flow	Min.	36 m ³ /h	Viscosity	1 mm ² /s
	Max.	108 m ³ /h	Temperature	20 °C
Efficiency	Max.	98.6 m ³ /h	Tolerances	ISO 9906 Grade 3B





Types of installation

T2-80E-TW [3500 1/min]



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a	1"3/8	x	8		
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B	105				
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Da1	200				
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Dm1	185				
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Dm3	18				
DNa	80				
DNm	65				
E	14				
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