



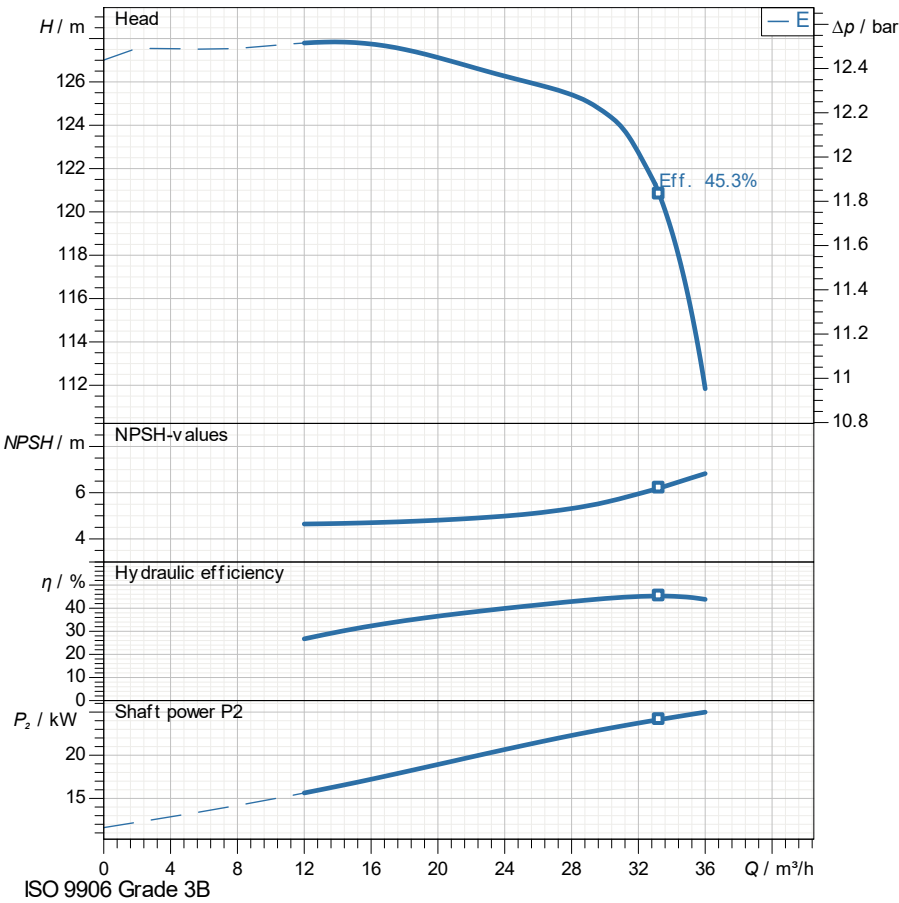
Product description

T2-40E-TW [3500 1/min]

Pos.no	Description	Item nc	Qty.	UP / €	TP / €
1	Medium head single-stage pump				
2	Centrifugal pump: T2-40E-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 : 254 mm / Speed : 3500 1/min Flow : / Head : Shaft power P2 : / Efficiency : Head (Q = 0) : 127 m PTO min-1 : 545 / Gear ratio : 6,43 Trolley : / 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 : 0...40 g/m³ Max. water temperature : 0 °C...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

T2-40E-TW [3500 1/min]



Operating data specification

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

Pump operating data

Design	T2-40E-TW [3500 1/min]
Impeller Ø	254 mm
Speed	3500 1/min
Flow	
Head	
Shaft power P2	
Efficiency	
Head (Q=0)	127 m
Non return valve loss	

Coupling

Gear ratio	6,43
PTO	545 1/min
Trolley	
Three-point mounting	A2T

Use limits

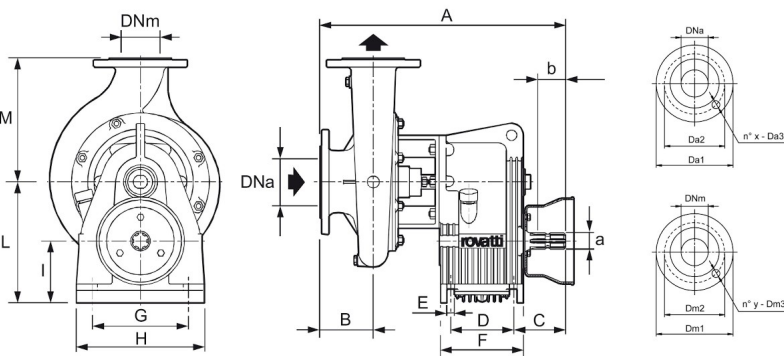
Max N° startings/hour	
Max. running time with Q=0	2 min
Max. solids contents	0...40 g/m³
Max. pumped liquid temperature	0 °C...60 °C
Maximum density	998 kg/m³
Maximum viscosity	1 mm²/s

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
Tw inner system®	Stainless steel

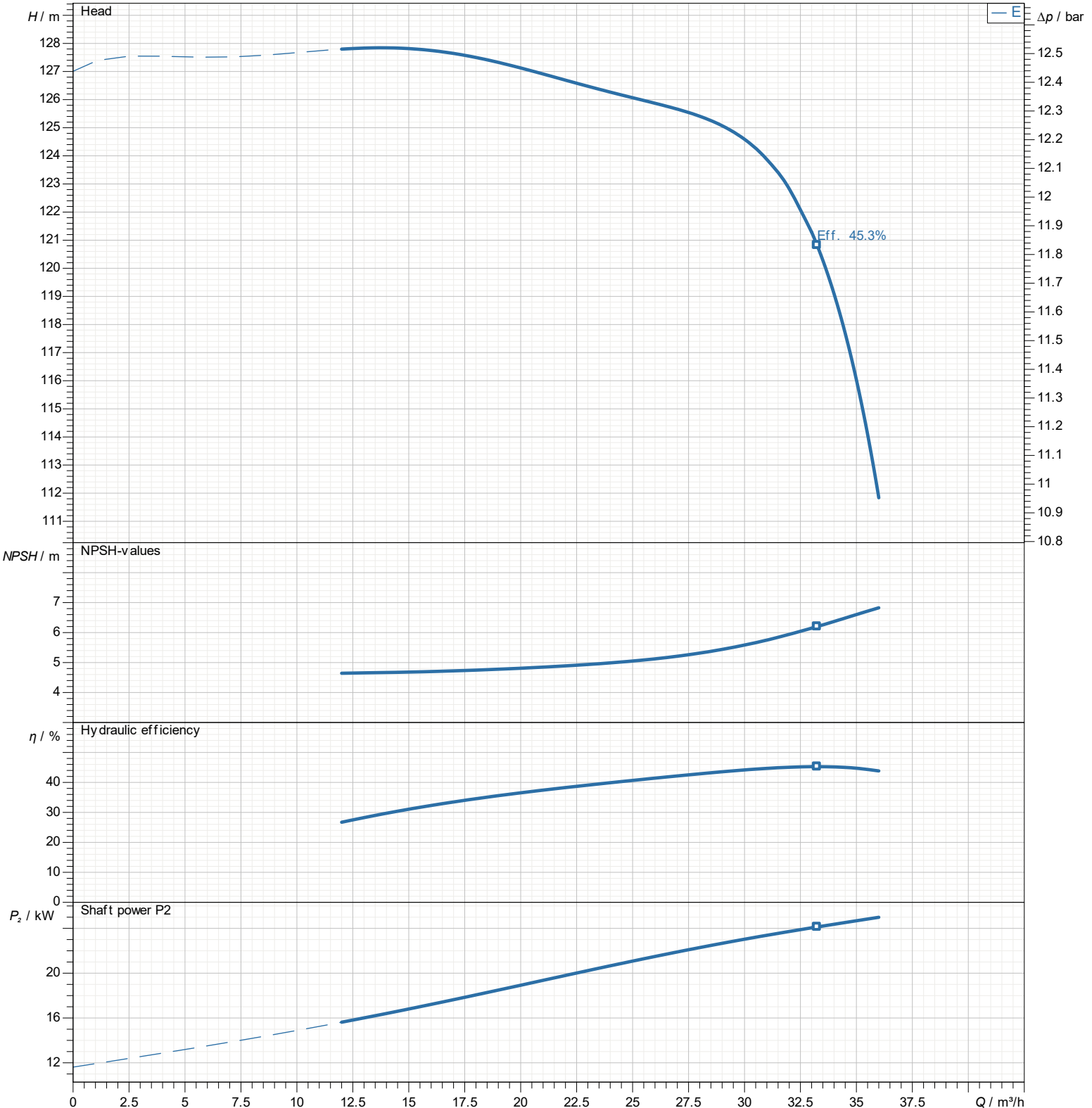


Dimensions in					mm		Total weight		59 kg
a	1"3/8	Da3	18	G	210				
A	465	Dm1	150	H	242				
b	60	Dm2	110	I	115				
B	100	Dm3	18	L	222				
C	101	DNa	65	M	225				
D	120	DNm	40	x	4				
Da1	185	E	14	x	8				
Da2	145	F	162	y	4				

Performance curves

T2-40E-TW [3500 1/min]

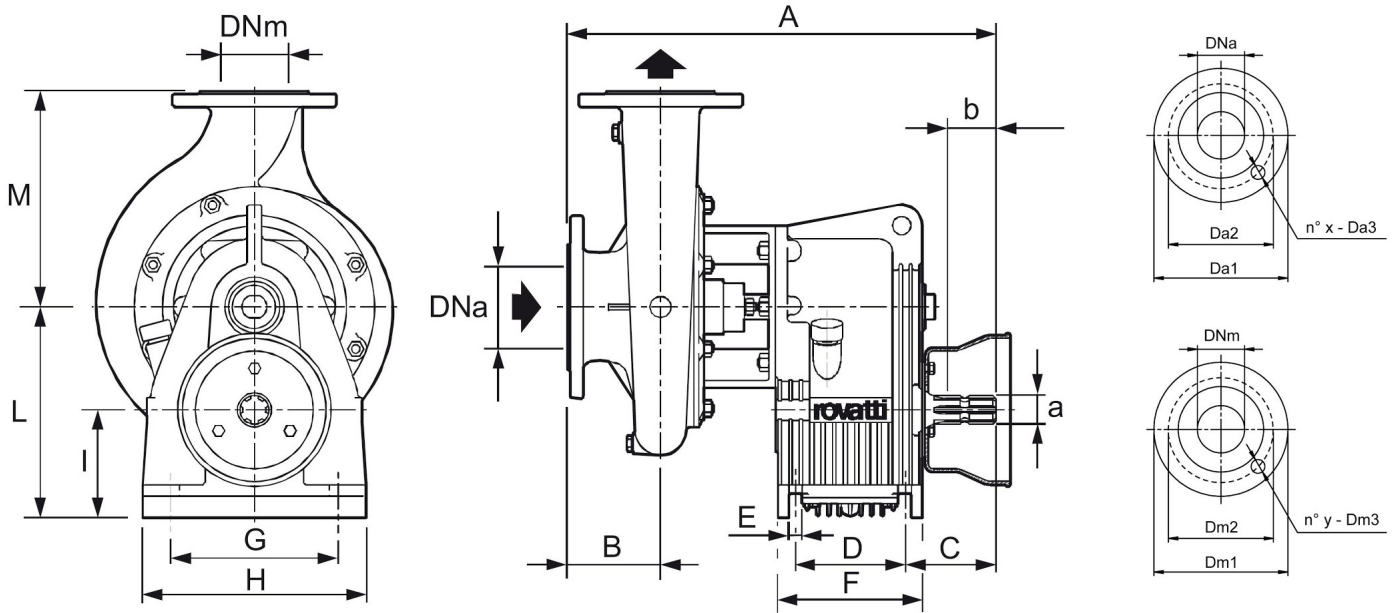
Performances				
Speed		3500 1/min	Density	998 kg/m ³
Flow	Min.	12 m ³ /h	Viscosity	1 mm ² /s
	Max.	33 m ³ /h	Temperature	20 °C
Efficiency	Max.	33.2 m ³ /h	Tolerances	ISO 9906 Grade 3B





Types of installation

T2-40E-TW [3500 1/min]



Total weight		59 kg		Dimensions in mm	
a	1"3/8	x	4		
A	465	x	8		
b	60	y	4		
B	100				
C	101				
D	120				
Da1	185				
Da2	145				
Da3	18				
Dm1	150				
Dm2	110				
Dm3	18				
DNa	65				
DNm	40				
E	14				
F	162				
G	210				
H	242				
I	115				
L	222				
M	225				