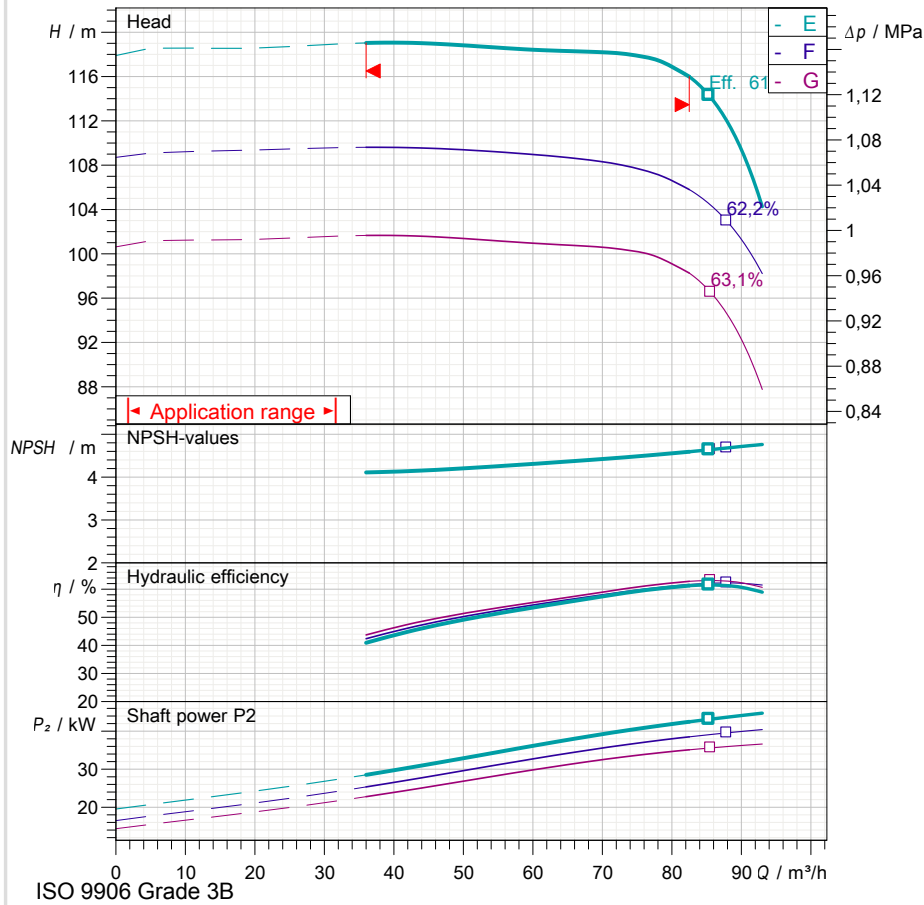


## Technical data

### T3-80AE-TW [3200 1/min]



#### Operating data specification

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

#### Pump operating data

Design	T3-80AE-TW [3200 1/min]
Impeller Ø	269 mm
Speed	3200 1/min
Flow	
Head	
Shaft power P2	
Efficiency	
Head (Q=0)	118 m
Non return valve loss	

#### Coupling

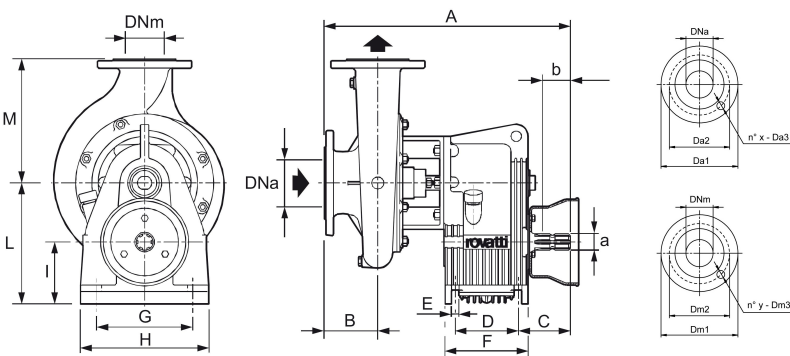
Gear ratio	6,38
PTO	501 1/min
Trolley	CT.2 - CT.3
Cardan shaft	R 450/100
Three-point mounting	A3T

#### Use limits

Max N° startings/hour	
Max. runing 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
Twiner system®	Stainless steel
Stuffing-box packing	PTFE

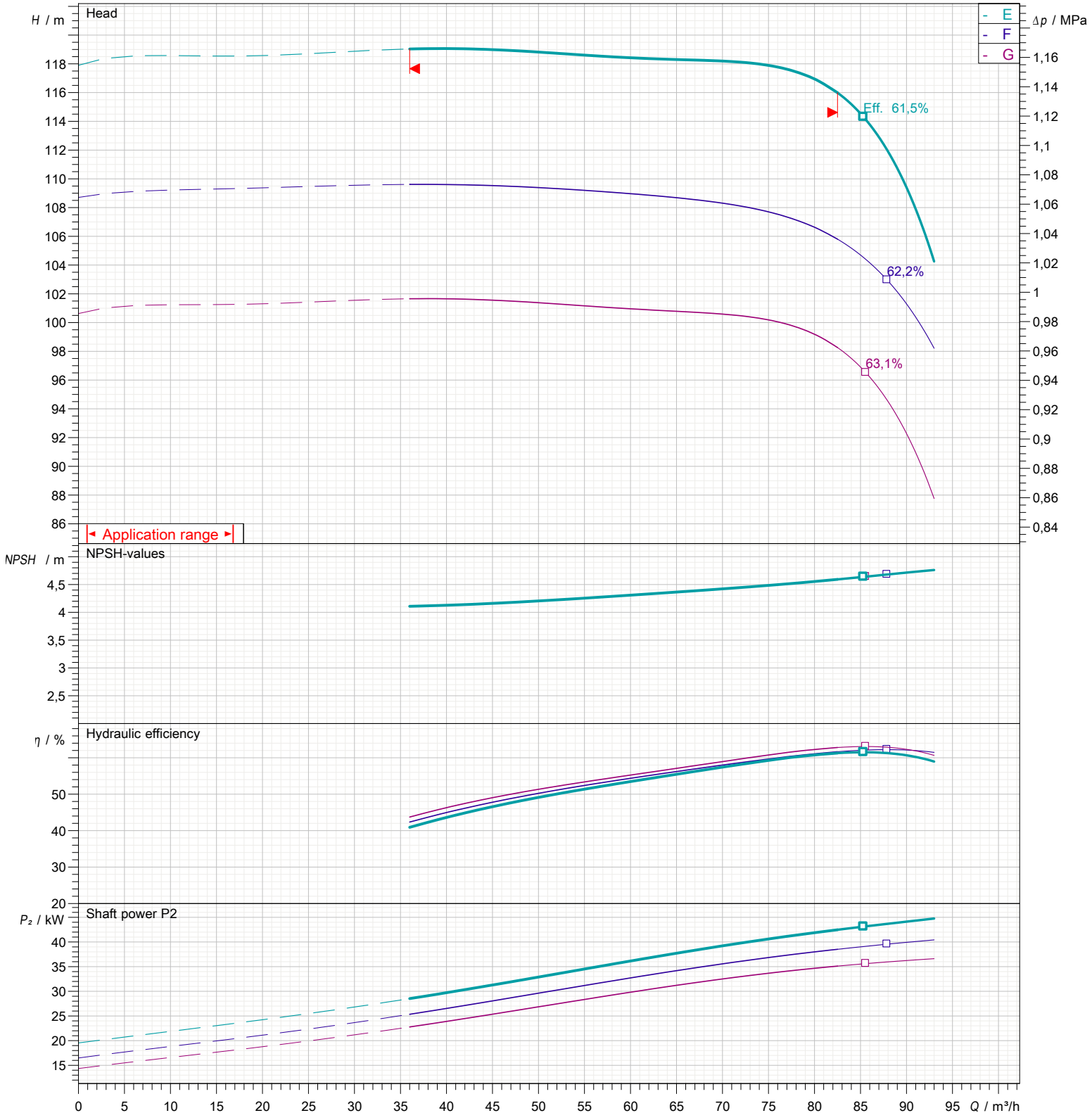


Dimensions in				mm		Total weight		80 kg	
DNa	80	G	240	Da2	160				
DNm	65	H	270	Da3	18				
A	506	I	130	x	8				
B	105	L	254	Dm1	185				
C	111	M	250	Dm2	145				
D	130	a	1"3/8	Dm3	18				
E	15	b	60	y	4				
F	174	Da1	200						

## Performance curves

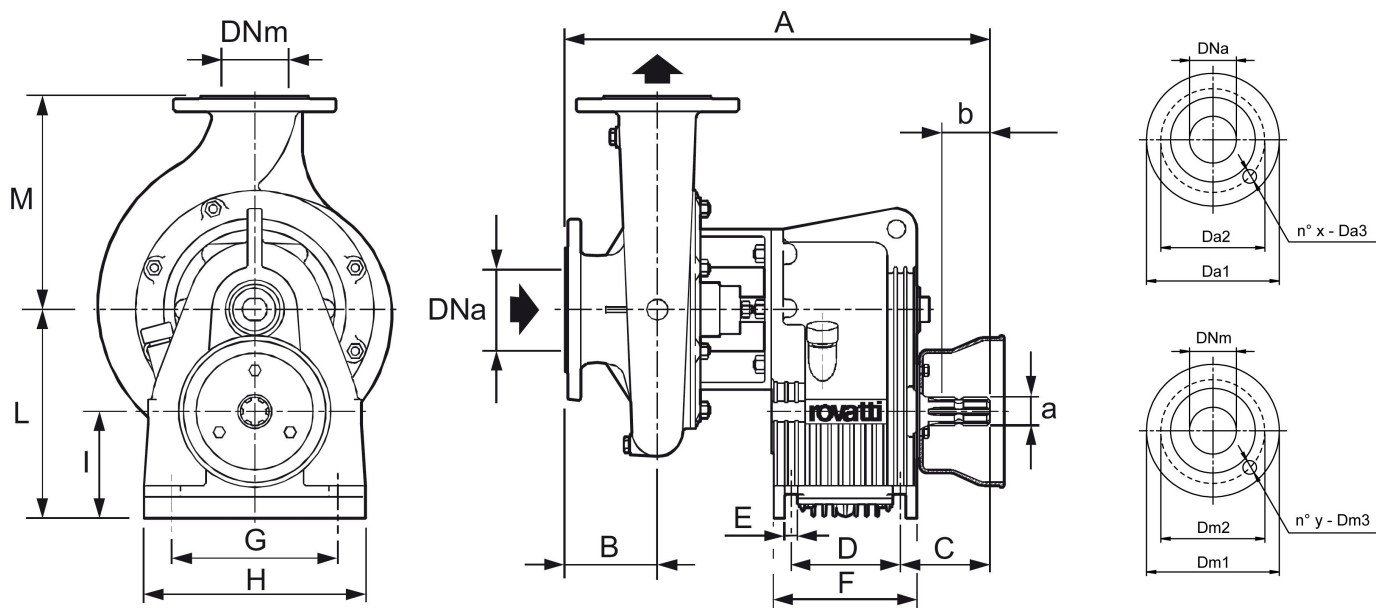
### T3-80AE-TW [3200 1/min]

Performances				
Speed		3200 1/min	Density	998 kg/m <sup>3</sup>
Flow	Min.	36 m <sup>3</sup> /h	Viscosity	1 mm <sup>2</sup> /s
	Max.	82,5 m <sup>3</sup> /h	Temperature	20 °C
Efficiency	Max.	85,3 m <sup>3</sup> /h	Tolerances	ISO 9906 Grade 3B



## Types of installation

T3-80AE-TW [3200 1/min]



Dimensions in		mm	Total weight	80 kg
DNa	80	Dm3	18	
DNm	65	y	4	
A	506			
B	105			
C	111			
D	130			
E	15			
F	174			
G	240			
H	270			
I	130			
L	254			
M	250			
a	1"3/8			
b	60			
Da1	200			
Da2	160			
Da3	18			
x	8			
Dm1	185			
Dm2	145			