

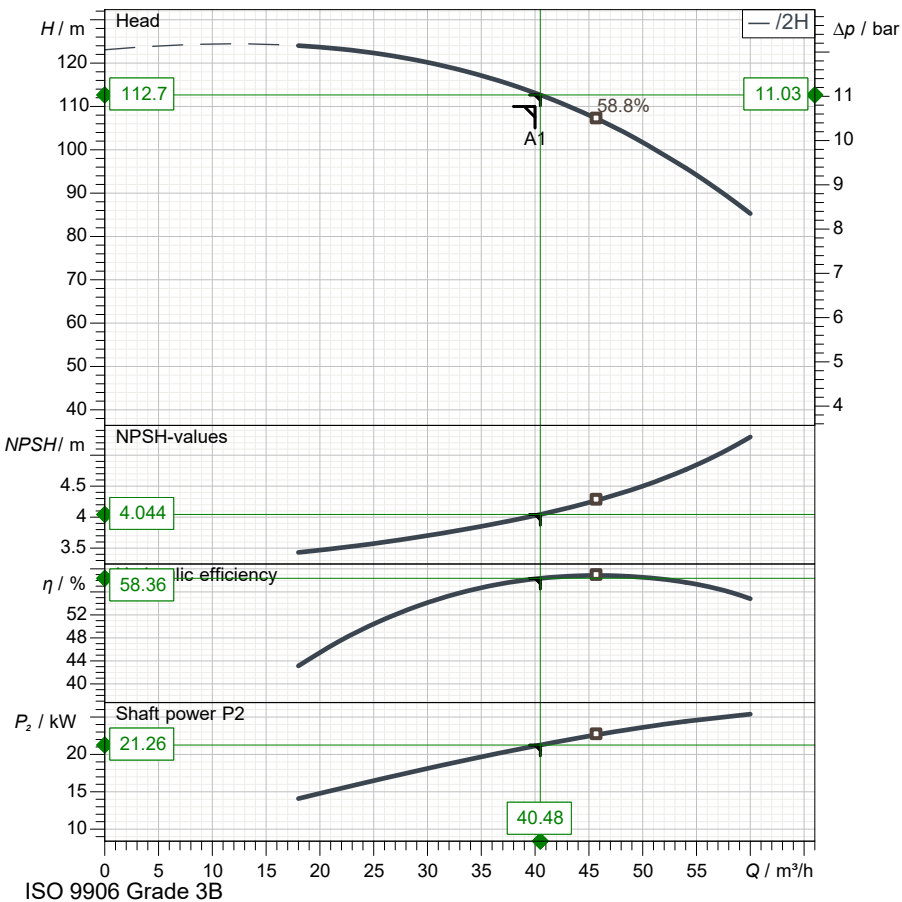
Product description

S2K65/2H

	Pos.no	Description	Item no	Qty.	UP / €	TP / €
1		Horizontal multistage high pressure pump				
2		Centrifugal pump: S2K65/2H		1	Price on req.	Price on req.
3		Pump bodies Horizontal multistage centrifugal pump with axial inlet, scroll outlet with upwards delivery flange laterally rotating 90° on both sides. Oil lubricated bearing support. Duty point Flow : 40 m³/h / Head : 110 m Pump operating data Impeller diameter : / Speed : 2900 1/min Flow : 40.48 m³/h / Head : 112.7 m Shaft power P2 : 21.26 kW / Efficiency : 58.36 % Head (Q = 0) : 123.1 m Suction bowl : Cast iron Wear ring : Cast iron Impeller : Cast iron Pump body : Cast iron Bearing support : Cast iron Tie rod : Steel Diffuser shell : Cast iron Diffuser : Cast iron Shaft protection bushing : Chrome steel Shaft : Steel Max. solid contents : 40 g/m³ Max. water temperature : 90 °C Max. running time with Q=0 : 2 min				
4		Shaft seal: Tenuta a baderna Flangia premistoppa		1		
5		Stuffing-box packing : Synthetic fibers Stuffing-box flange : Brass				

Technical data

S2K65/2H



Operating data specification

Capacity	40 m³/h
Head	110 m
Fluid	Pure water
Type of installation	<Single head pump>

Pump operating data

Design	S2K65/2H
Impeller Ø	
Speed	2900 1/min
Flow	40.5 m³/h
Head	113 m
Shaft power P2	21.3 kW
Efficiency	58.4 %
Head (Q=0)	123 m
Non return valve loss	

Electric motor technical data

Design	
Rated power	
Frequency	
Number of poles	
Nominal speed	
Rated voltage	
Starting mode	
Rated current	
Insulation class	
Degree of protection	

Use limits

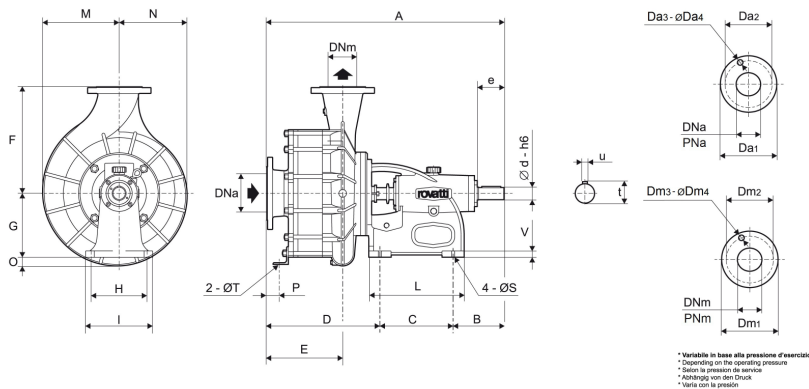
Max N° startings/hour	
Max. running time with Q=0	2 min
Max. solids contents	40 g/m³
Max. pumped liquid temperature	90 °C
Maximum density	998 kg/m³
Maximum viscosity	1 mm²/s

Materials

Suction bowl	Cast iron
Wear ring	Cast iron
Impeller	Cast iron
Pump body	Cast iron
Bearing support	Cast iron
Tie rod	Steel
Diffuser shell	Cast iron
Diffuser	Cast iron
Shaft protection bushing	Chrome steel
Shaft	Steel

Shaft seal

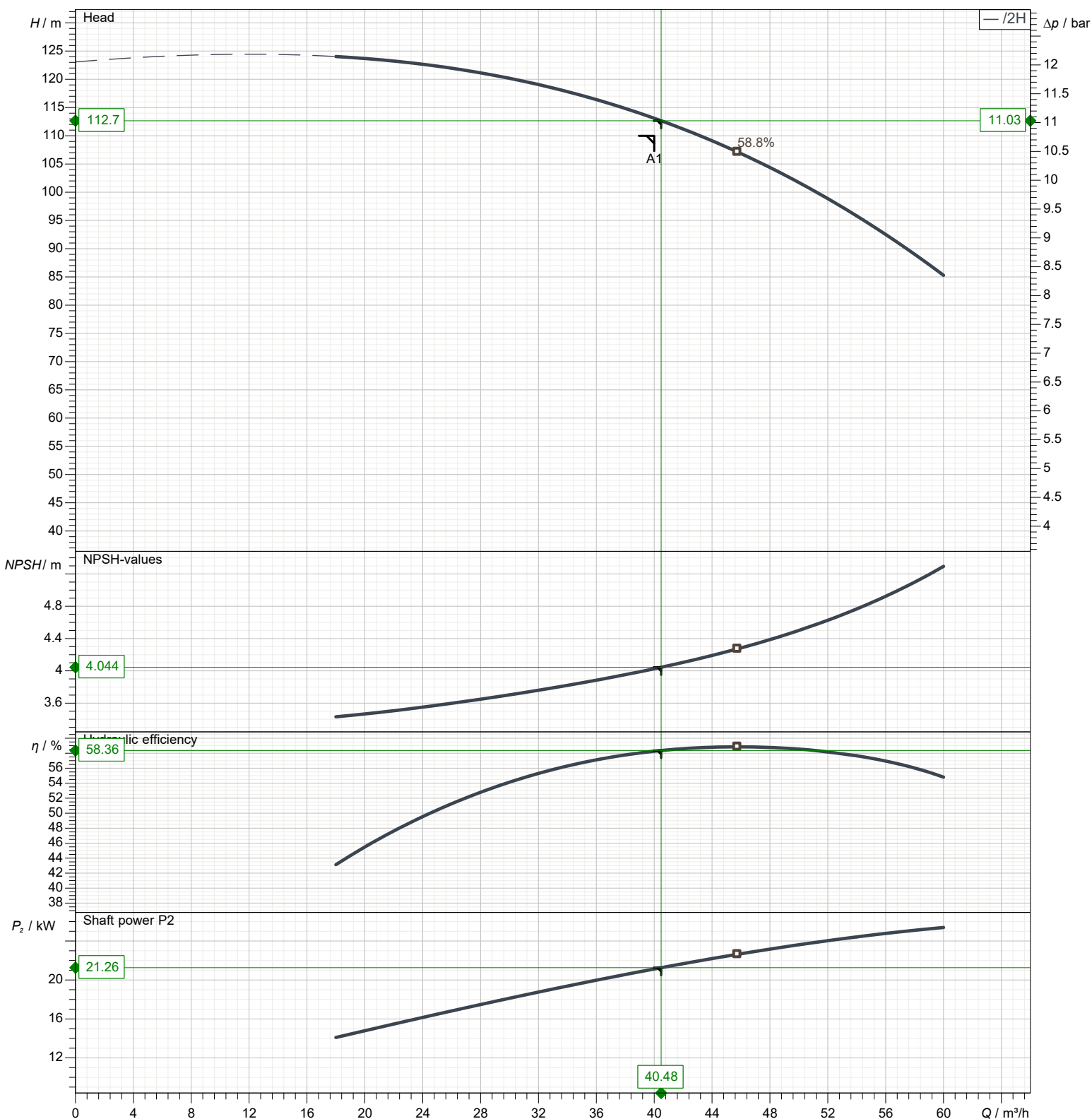
Stuffing-box packing	Synthetic fibers
Stuffing-box flange	Brass



Performance curves

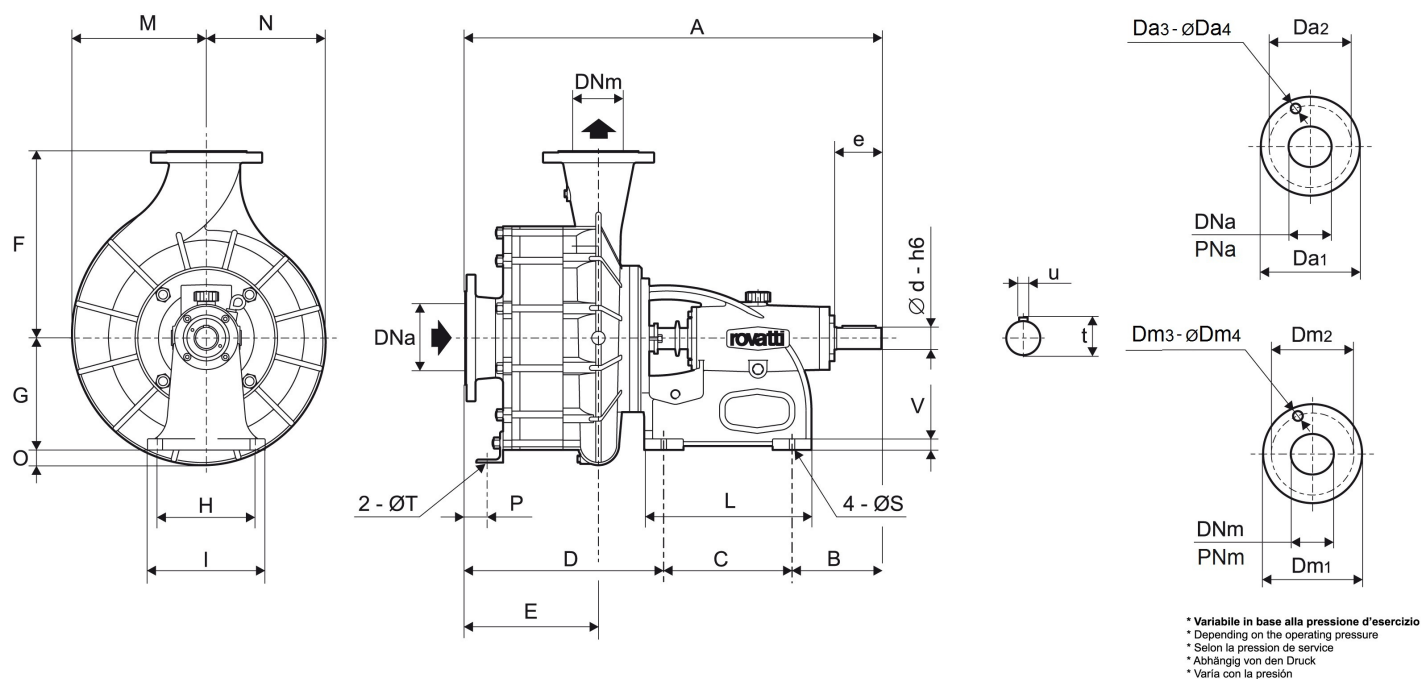
S2K65/2H

Performances				
Speed		2900 1/min	Density	998 kg/m ³
Flow	Min.	18 m ³ /h	Viscosity	1 mm ² /s
	Max.	54 m ³ /h	Temperature	20 °C
Efficiency	Max.	45.8 m ³ /h	Tolerances	ISO 9906 Grade 3B



Types of installation

S2K65/2H



Total weight		68 kg		Dimensions in mm	
A	575	L	235		
B	119	M	177		
C	175	N	165		
d	28	O	10		
D	281	P	\		
Da1	185	PN _e	10		
Da2	145	PN _r	16 \ 25		
Da3	4	S	16		
Da4	19	t	31		
Dm1	165	T	\		
Dm2	125	u	8		
Dm4	4	V	17		
Dm4	19				
DNa	65				
DNm	50				
e	60				
E	190				
F	240				
G	160				
H	145				
I	175				