

Technical data

Submersible pump Sub TWI 8.90-09-C-SD

Project ID

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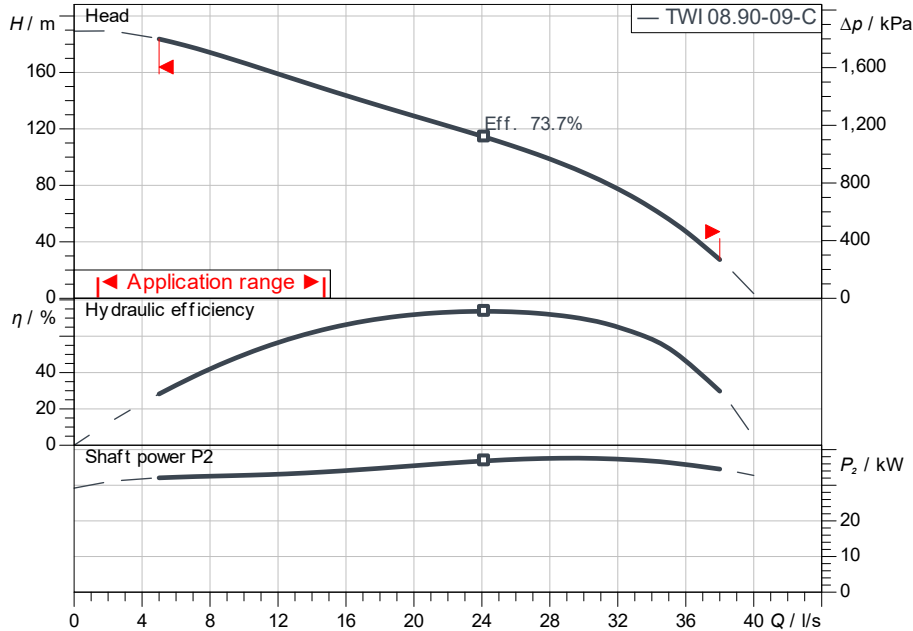
Project name

Installation location

Customer pos. No.

Date 2025-03-17

Duty chart



Requested data

Flow	
Head	
Media	Water 100 %
Fluid temperature	20.00 °C
Density	998.30 kg/m ³
Kin. viscosity	1.00 mm ² /s

Hydraulic data (Duty point)

Flow	
Head	
Shaft power P ₂	
Hydraulic efficiency	
Power input P ₁	

Product data

Submersible pump	
Sub TWI 8.90-09-C-SD	
Max. operating pressure	4,000 kPa
Fluid temperature	3 °C ... +30 °C
Minimum efficiency index (MEI)	-
Max. pump diameter	186 mm

Motordata per Motor/Pump

Mains connection	3~400 V / 50 Hz
Type of motor	Submersible motor

Activation type	Star-Delta (YΔ)
Min. flow at the motor	0.1 m/s
Motor diameter	136.7 mm
Permitted voltage tolerance	+5 %
Nominal speed	2,870 1/min
Rated power P ₂	45.00 kW
Rated current	90.00 A
Power factor	0.84
Degree of protection	IP68
Insulation class	F

Cable

Length of connecting cable	4 m
Cable type	2x 3x8,4 +1G8,4

Fitting dimensions

Discharge size	Rp 5
Flange standard	-

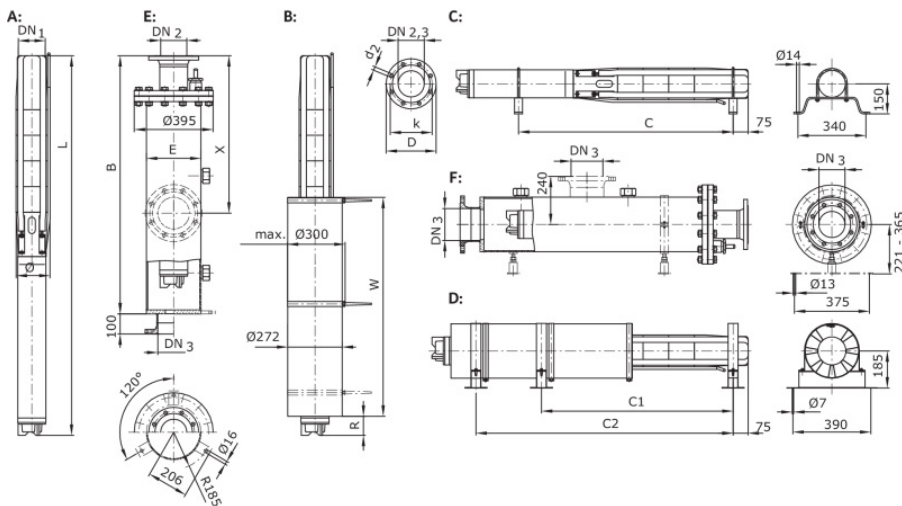
Materials

Pump housing	1.4301
Motor housing	5.1301/EN-GJL-250
Shaft	1.4057
Impeller	1.4301

Information for order placements

Weight approx.	206 kg
Item number	6075424

Approval



Dimensions

	mm
c	2,350
C1	2,220
L	3,218
R	67