

General Data

Description Value

General Information

Product name: QF 50-3-Premium-101_4.0HP With 3~
Price: Price on req.

Technical

Speed for pump data: 2,900 1/min
Actual calculated flow:
Resulting head of the pump:
Head max.: 34.3 m
Stages: 3
Curve tolerance: ISO 9906.2012 3B
Pump type: QF 50
Valve: Pump with built-in non-return valve

Liquid

Pumped liquid: Water
Liquid temp. range: 20 °C
Density: 998.3 kg/m³

Materials

Pump: Stainless steel DIN W.-Nr. 1.4301 AISI 304
Impeller: Stainless steel DIN W.-Nr. 1.4301 AISI 304
Motor: Stainless steel DIN W.-Nr. 1.4301 AISI 304

Installation

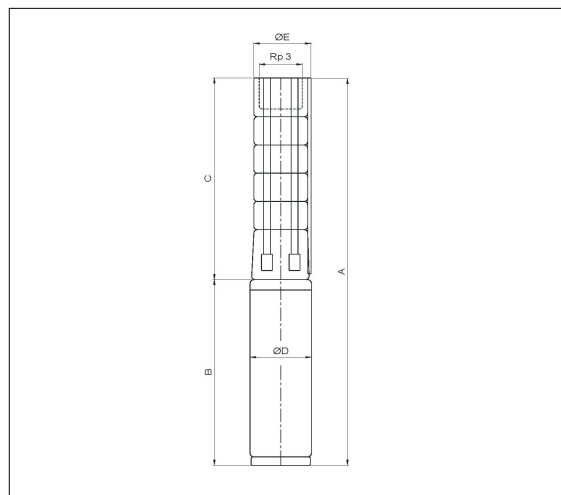
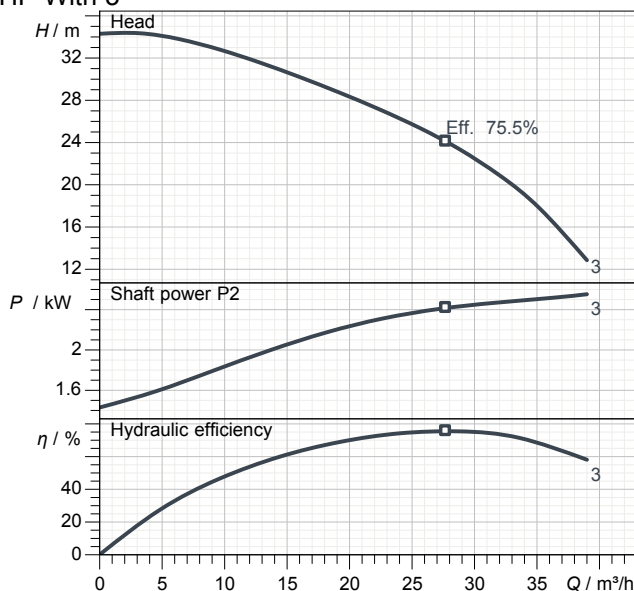
Max. ambiente temperature: 40 °C
Max. Operating Pressure : Maximum 0.67m (67 bar)
Pump outlet: Rp 3
Motor diameter: 100 mm

Electrical Data

Motor type: Premium-101_4.0HP
No poles: 2
Rated Power: 3 kW
Frequency: 50 Hz
Rated Volt.: 380 V
Rated Current: 7.4 A
Power Factor: 0.82
Eff.: 76 %

Others

Net weight
Net Pump Weight: 12 kg



Name	mm
A	1,132
B	578
C	554
D	95
E*	145
E**	—

E = Maximum diameter of pump inclusive of cable guard & motor

* Maximum diameter of pump with one motor cable

** Maximum diameter of pump with two motor cable



Performance curves

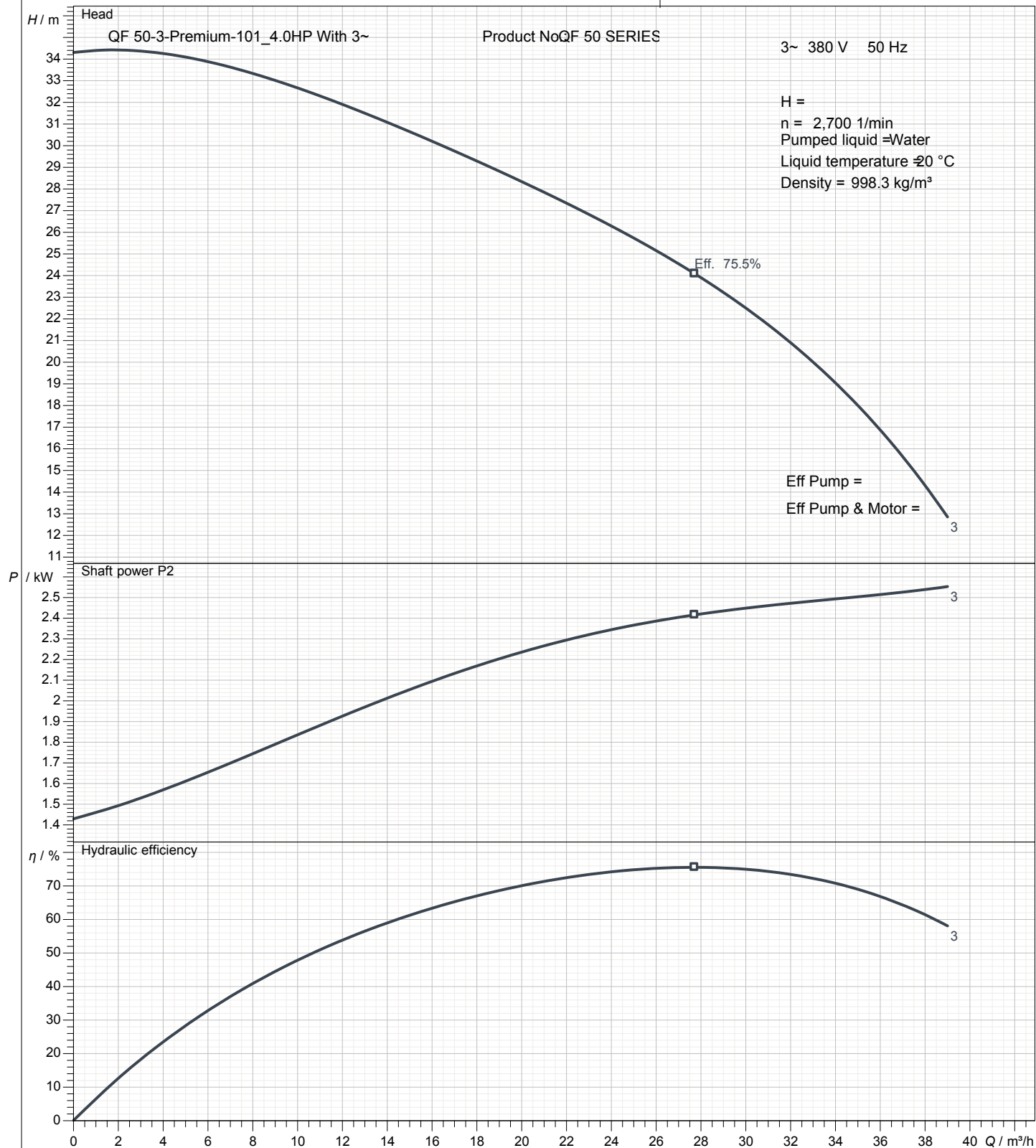
Q = Revision number Page:

QF 50-3-Premium-101_4.0HP With 3~

Customer

Supplier

Company name
Department
Issued by
Phone number
Fax no.
e-mail address



Project ID
73A424D5-5573-4D14-BC79-1115DF4B2CE4

Project

Creation software
Spaix® 5-2020.2 - 2020/11/16 (E

Issue date
2023-06-08

Last update
2023-06-08

Company name
Department
Issued by
Phone number
Fax no.
e-mail address

Customer

Supplier

Dimension QF

Product No.: QF 50 SERIES

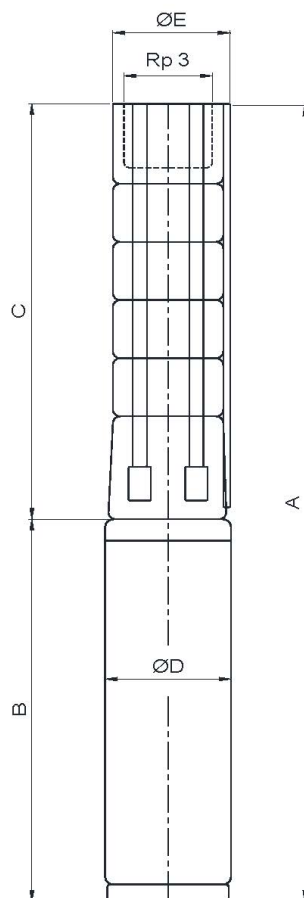
Inlet / outlet

Suction port
Rp 3
DN 65 PN 16/40

Discharge port
Rp 3
DN 65 PN 16/40

Dimensions mm

A	1,132		
B	578		
C	554		
D	95		
E*	145		
E**	—		



E * = Maximum diameter of pump
inclusive of cable guard & motor

E** = Maximum diameter of pump
with two motor cable