

General Data

Description Value

General Information

Product name: QF 30-5-Premium-101_4.0HP With 3~
Price: Price on req.

Technical

Speed for pump data: 2900 1/min
Actual calculated flow:
Resulting head of the pump:
Head max.: 55.92 m
Stages: 5
Curve tolerance: ISO 9906.2012 3B
Pump type: QF 30
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

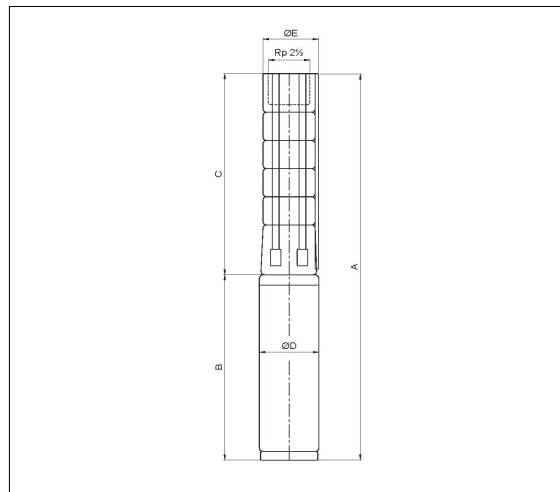
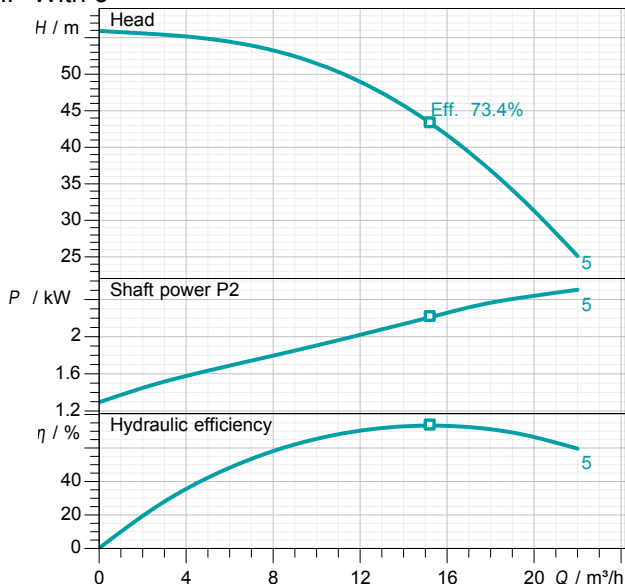
Max. ambiente temperature: 40 °C
Max. Operating Pressure : Maximum 0.67m (67 bar)
Pump outlet: Rp 2.5
Motor diameter: 100 mm

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
C	572
B	578
A	1150
D	95
E*	143

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

QF 30-5-Premium-101 4.0HP With 3~

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

Head

QF 30-5-Premium-101_4.0HP With 3~

Product NoQF 30 SERIES

3~ 380 V 50 Hz

Q =
H =
n = 2700 1/min
Pumped liquid =Water
Liquid temperature ≈20 °C
Density = 998.3 kg/m³

Eff Pump =
Eff Pump & Motor =

Shaft power P2

Hydraulic efficiency

Flow Rate (Q) / m³/h	Head (H) / m	Shaft Power (P) / kW	Hydraulic Efficiency (η) / %
0	~56	~1.3	0
15	~43.5 (Eff. 73.4%)	~2.2	~75
22	~24.5	~2.5	~60

Customer

Supplier

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

Dimension QF

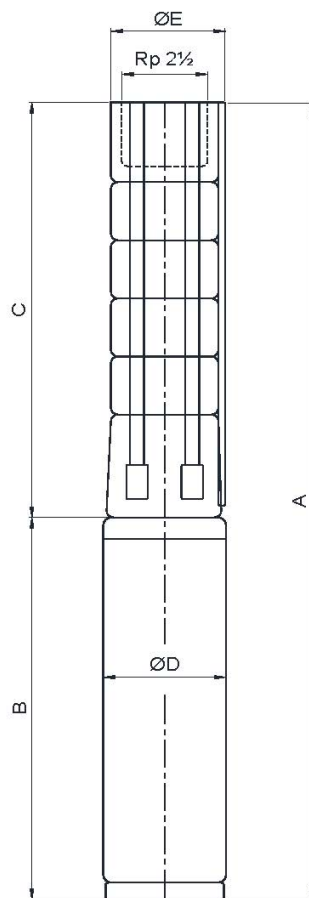
Product No.: QF 30 SERIES

Inlet / outlet

Suction port	Discharge port
Rp 2.5	Rp 2.5
DN 50 PN 16/40	DN 50 PN 16/40

Dimensions	mm
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C	572
B	578
A	1150
D	95
E*	143
E**	—



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

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