

Company name: created by:

Phone:

H/m

2023-06-08 Date:

General Data

Description Value

General Information

Product name: QF 50-4-Premium-101 5.5HP 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.: 45.74 m

Stages:

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 998.3 kg/m³ Density

40-35 Eff. 75.5% 30 25 20 Shaft power P2 P / kW 2.5 2 Hydraulic efficiency η/% 40-20 15 35 Q / m³/h

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 ℃

Max. Operating Pressure: Maximum 0.67m (67 bar)

Rp 3 Pump outlet 100 mm Motor diameter

Electrical Data

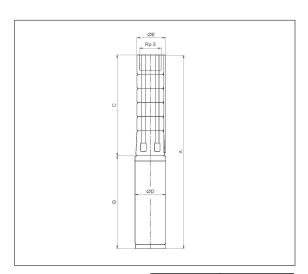
Premium-101_5.5HP Motor type

No poles 4 kW Rated Power 50 Hz Frequency 380 V Rated Volt. Rated Current 9 A Power Factor 0.81 Eff. 78 %

Others

Net weight

Net Pump Weight 14 kg



Name	mm
Α	1,340
В	690
С	650
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

	SHAKTI.	F	Performance curves	Q =	Revision number	Page:
	PUMPING LIFE	QF 50-4-	-Premium-101_5.5HF	⊃ With 3~		
		Customer		Supplier		
Compar	ny name nent					
Issued I	by					
Fax no.						
e-mail a	Head	<u> </u>				
H/m = 46	QF 50-4-Premium-101_5.5	5HP With 3~	Product NoQF 50 SERI	IES	3~ 380 V 50 Hz	
44					0 000 0 00112	
42					H =	
40-					n = 2,750 1/min Pumped liquid =Water	
38			\searrow		Liquid temperature ≠0 Density = 998.3 kg/m³	°C
36					Delisity – 996.3 kg/iii	
34						
32				Eff. 75.5%		
30						
28						
26						
24						
22						
20					Eff Pump =	
18					Eff Pump & Motor =	
16						4
/ kW =	Shaft power P2					
3.2						4
3-						
2.8						
2.6						
2.4						
2.2						
2 =						
1.8 – η / % –	Hydraulic efficiency					
70-						
60						
50						4
40						
30						
20						
10-						
0-						
	0 2 4 6 8	10 12 14 16	18 20 22 24	26 28 30	32 34 36 38	40 Q / m³/h
1	Project ID	Project		Creation software		Last update
	73A424D5-5573-4D14-BC79-1115DI	F4B2CE4	\$	Spaix® 5-2020.2 - 202	20/11/16 (E 2023-06-08	2023-06-08



Types of installation

QF 50-4-Premium-101_5.5HP With 3~

Revision number	Page:
	3

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

Dimension QF

Customer Supplier

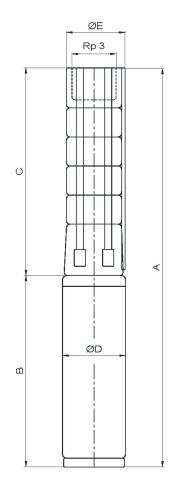
Product No.: QF 50 SERIES

Inlet / outlet

Suction port Discharge port

Rp 3 Rp 3

DN 65 PN 16/40 DN 65 PN 16/40



	DN 65 PN 16	6/40	DN 65 PN 16/40		
	Dimer	nsions	mm		
	Α	1,340			
	В	690			
	С	650			
	D	95			
	E*	145			
	E**	_			
p					

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

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

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