GRUNDFOS

Company name:
Created by:
Phone:

Date: 09/06/2026

Qty.	Description
1	**CR 5-18 A-FGJ-A-E-HQQE**



Note! Product picture may differ from actual product

Product No.: 96513388

Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). The pump head and base are in cast iron – all other wetted parts are in stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via combined DIN-ANSI-JIS flanges.

The pump is fitted with a 3-phase, fan-cooled asynchronous motor.

Liquid:

Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³

Technical:

Pump speed on which pump data are based:	2902 rpm
Rated flow:	5.8 m³/h
Rated head:	93 m
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Primary shaft seal:	HQQE
Code for shaft seal:	HQQE
Approvals:	CE,EAC,UKCA,SEPRO,RCM,
Approvals for drinking water:	WRAS,ACS
Curve tolerance:	ISO9906:2012 3B

Materials:

Type key, code for materials:	A
Type key, code for rubber components. E = EPDM, V=FKM:	E
Base:	Cast iron
	EN 1561 EN-GJL-200
	ASTM A48-25B
Impeller:	Stainless steel
	EN 1.4301
	AISI 304
Bearing:	SIC

Installation:

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Qty.	Description	
1	Maximum ambient temperature:	60 °C
	Maximum operating pressure:	25 bar
	Max pressure at stated temp:	25 bar / 120 °C
		25 bar / -20 °C
	Type of connection:	DIN / ANSI / JIS
	Size of inlet connection:	DN 25/32
		1 1/4 inch
	Size of outlet connection:	DN 25/32
		1 1/4 inch
	Pressure rating for connection:	PN 25
	Flange rating inlet:	250 lb
	Flange size for motor:	FT130
	Terminal box position:	6
	Electrical data:	
	Motor standard:	IEC
	Motor type:	100LC
	Rated power - P2:	3 kW
	Power (P2) required by pump:	3 kW
	Mains frequency:	50 Hz
	Rated voltage:	3 x 380-415D V
	Rated current:	6.3 A
	Starting current:	840-920 %
	Cos phi - power factor:	0.87-0.82
	Rated speed:	2900-2920 rpm
	IE Efficiency class:	IE3
	Motor efficiency at full load:	87.1 %
	Motor efficiency at 3/4 load:	88.0-87.0 %
	Motor efficiency at 1/2 load:	87.7-85.4 %
	Number of poles:	2
	Enclosure class (IEC 34-5):	IP55 Dust/Jetting
	Insulation class (IEC 85):	F
	Motor No:	85U15510
	Controls:	
	Terminal box position:	6
	Frequency converter:	None
	Others:	
	Minimum efficiency index, MEI ≥:	0.57
	Net weight:	52.2 kg
	Gross weight:	57.6 kg
	Shipping volume:	0.133 m³