



## Specifications

Product name:	CR 10-10 A-A-A-E-HQQE
Product No:	96501232
EAN number:	5700396217994
Price:	On request

### Technical

Speed for pump data:	2917 rpm
Rated flow:	10 m <sup>3</sup> /h
Rated head:	81.6 m
Head max:	102 m
Impellers:	10
Shaft seal:	HQQE
Approvals on nameplate:	CE,TR
Curve tolerance:	ISO9906:2012 3B
Pump type:	CR 10
Stages:	10
Pump version:	A
Model:	A
Curve tolerance:	ISO9906:2012 3B

### Materials

Pump housing:	Cast iron
Pump housing:	EN-JL1030
Pump housing:	ASTM A48-30 B
Impeller:	Stainless steel
Impeller:	DIN W.-Nr. 1.4301
Impeller:	AISI 304
Material code:	A
Code for rubber:	E

### Installation

Maximum ambient temperature:	60 °C
Max pressure at stated temp:	16 bar / 120 °C
Max pressure at stated temp:	16 bar / -20 °C
Flange standard:	OVAL
Connect code:	A
Pipe connection:	Rp 1 1/2
Flange size for motor:	FT130

### Liquid

Liquid temperature range:	-20 .. 120 °C
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### Electrical data

Motor type:	112MC
IE Efficiency class:	IE3
Number of poles:	2
Rated power - P2:	4 kW
Power (P2) required by pump:	4 kW
Power (P2) required by pump:	4 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-415 D V
Rated current:	7.9 A
Starting current:	1000-1110 %
Cos phi - power factor:	0,87-0,87
Rated speed:	2920-2940 rpm
Efficiency:	IE3 88,1%
Motor efficiency at full load:	88,1 %
Motor efficiency at 3/4 load:	88,6 %
Motor efficiency at 1/2 load:	85,2 %
Enclosure class (IEC 34-5)::	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	PTC
Motor No:	85U15413

### Others

Label:	Grundfos Blueflux
Minimum efficiency index, MEI ≥:	0.7