

CRN 64-3-1 A-F-A-E-HQQE		16 bar / -40 °C
Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline).		
Pump materials in contact with the liquid are in high-grade 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 DIN flanges. The pump is fitted with a 3-phase, fan-cooled asynchronous motor.		
Liquid:		
Pumped liquid:	Water	
Liquid temperature range:	-40 .. 120 °C	
Selected liquid temperature:	20 °C	
Density:	998.2 kg/m³	
Technical:		
Pump speed on which pump data are based:	2923 rpm	
Rated flow:	64 m³/h	
Rated head:	59.8 m	
Pump orientation:	Vertical	
Shaft seal arrangement:	Single	
Primary shaft seal:	HQQE	
Code for shaft seal:	HQQE	
Approvals:	CE,EAC,UKCA,SEPRO,	
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:	Stainless steel	
	EN 1.4408	
	AISI 316	
Impeller:	Stainless steel	
	EN 1.4401	
	AISI 316	
Bearing:	SIC	
Support bearing:	Graflon	
Installation:		
Maximum ambient temperature:	60 °C	
Maximum operating pressure:	16 bar	
Max pressure at stated temp:	16 bar / 120 °C	
Type of connection:		
Size of inlet connection:	DIN	
Size of outlet connection:	DN 100	
Pressure rating for connection:	DN 100	
Flange size for motor:	PN 16	
Terminal box position:	FF300	
	6	
Electrical data:		
Motor standard:	IEC	
Motor type:	160MD	
Rated power - P2:	15 kW	
Power (P2) required by pump:	15 kW	
Mains frequency:	50 Hz	
Rated voltage:	3 x 380-415D/660-690Y V	
Rated current:	28,0-26,0/16,2-15,6 A	
Starting current:	660-780 %	
Cos phi - power factor:	0.89-0.87	
Rated speed:	2930-2950 rpm	
IE Efficiency class:	IE3	
Motor efficiency at full load:	91.9 %	
Motor efficiency at 3/4 load:	92.4-92.7 %	
Motor efficiency at 1/2 load:	92.4-92.3 %	
Number of poles:	2	
Enclosure class (IEC 34-5):	55 Dust/Jetting	
Insulation class (IEC 85):	F	
Motor No.:	85U17526	
Controls:		
Terminal box position:	6	
Frequency converter:	None	
Others:		
Minimum efficiency index, MEI z:	0.70	
Net weight:	178 kg	
Gross weight:	211 kg	
Shipping volume:	0.495 m³	
Danish VVS No.:	385918031	