
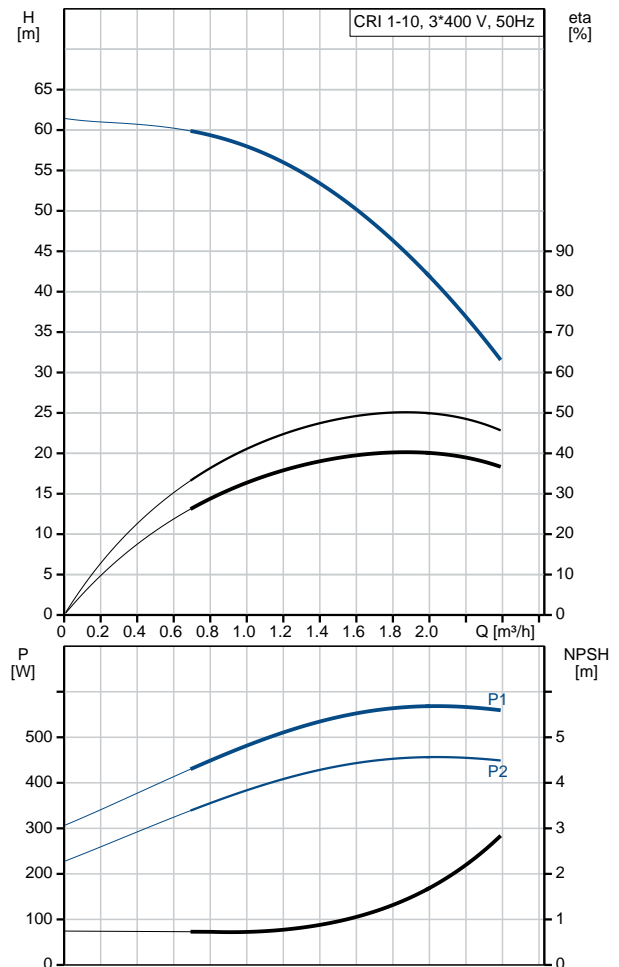


Qty.	Description
1	<p data-bbox="199 340 502 362"><b>CRI 1-10A-CA-A-V-HQQV</b></p> <div data-bbox="347 383 443 633" style="text-align: center;">  </div> <p data-bbox="199 663 470 685">Product No.: <a href="#">96516346</a></p> <p data-bbox="199 719 1460 797">Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid 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 FlexiClamps.</p> <p data-bbox="199 835 933 857">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="199 896 311 918"><b>Controls:</b></p> <p data-bbox="199 925 638 947">Frequency converter: NONE</p> <p data-bbox="199 983 287 1005"><b>Liquid:</b></p> <p data-bbox="199 1012 638 1034">Pumped liquid: Water</p> <p data-bbox="199 1041 694 1064">Liquid temperature range: -20 .. 90 °C</p> <p data-bbox="199 1070 630 1093">Selected liquid temperature: 20 °C</p> <p data-bbox="199 1099 774 1122">Density at selected liquid temperature: 998.2 kg/m<sup>3</sup></p> <p data-bbox="199 1160 327 1182"><b>Technical:</b></p> <p data-bbox="199 1189 821 1211">Pump speed on which pump data are based: 2856 rpm</p> <p data-bbox="199 1218 662 1240">Rated flow: 1.8 m<sup>3</sup>/h</p> <p data-bbox="199 1247 646 1270">Rated head: 47.1 m</p> <p data-bbox="199 1276 646 1299">Pump orientation: Vertical</p> <p data-bbox="199 1305 638 1328">Shaft seal arrangement: Single</p> <p data-bbox="199 1335 638 1357">Code for shaft seal: HQQV</p> <p data-bbox="199 1364 662 1386">Approvals on nameplate: CE, EAC</p> <p data-bbox="199 1393 758 1415">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1453 319 1476"><b>Materials:</b></p> <p data-bbox="199 1482 726 1561">Base: Stainless steel EN 1.4408 AISI 316</p> <p data-bbox="199 1576 726 1655">Impeller: Stainless steel EN 1.4301 AISI 304</p> <p data-bbox="199 1671 606 1693">Bearing: SIC</p> <p data-bbox="199 1731 343 1753"><b>Installation:</b></p> <p data-bbox="199 1760 630 1783">Maximum ambient temperature: 40 °C</p> <p data-bbox="199 1789 638 1812">Maximum operating pressure: 25 bar</p> <p data-bbox="199 1818 734 1874">Max pressure at stated temp: 25 bar / 90 °C 25 bar / -20 °C</p> <p data-bbox="199 1877 694 1899">Type of connection: FlexiClamp</p> <p data-bbox="199 1906 678 1962">Size of inlet connection: DN 32 1 1/4 inch</p> <p data-bbox="199 1964 678 2020">Size of outlet connection: DN 32 1 1/4 inch</p> <p data-bbox="199 2022 686 2045">Pressure rating for pipe connection: PN 25</p> <p data-bbox="199 2051 630 2074">Flange size for motor: FT85</p>

Qty.	Description
	<p><b>Electrical data:</b></p> <p>Motor standard: IEC</p> <p>Motor type: 71B</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 0.55 kW</p> <p>Power (P2) required by pump: 0.55 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 2.50/1.44 A</p> <p>Starting current: 580-620 %</p> <p>Cos phi - power factor: 0.80-0.70</p> <p>Rated speed: 2830-2850 rpm</p> <p>Efficiency: IE3 77,8%</p> <p>Motor efficiency at full load: 77.8 %</p> <p>Motor efficiency at 3/4 load: 81.5 %</p> <p>Motor efficiency at 1/2 load: 79.5 %</p> <p>Number of poles: 2</p> <p>Enclosure class (IEC 34-5): 55 Dust/Jetting</p> <p>Insulation class (IEC 85): F</p> <p>Motor No: 85805103</p> <p><b>Others:</b></p> <p>Minimum efficiency index, MEI <math>\hat{\alpha}\%</math>: 0.70</p> <p>Net weight: 19.1 kg</p> <p>Gross weight: 21.8 kg</p> <p>Shipping volume: 0.063 m<sup>3</sup></p> <p>Country of origin: GB</p> <p>Custom tariff no.: 84137075</p>

Description	Value
<b>General information:</b>	
Product name:	CRI 1-10A-CA-A-V-HQQV
Product No:	96516346
EAN number:	5700396741376
<b>Technical:</b>	
Pump speed on which pump data are based:	2856 rpm
Rated flow:	1.8 m <sup>3</sup> /h
Rated head:	47.1 m
Head max:	62 m
Stages:	10
Impellers:	10
Number of reduced-diameter impellers:	0
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQV
Approvals on nameplate:	CE, EAC
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
<b>Materials:</b>	
Base:	Stainless steel EN 1.4408 AISI 316
Impeller:	Stainless steel EN 1.4301 AISI 304
Material code:	A
Code for rubber:	V
Bearing:	SIC
<b>Installation:</b>	
Maximum ambient temperature:	40 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 90 °C 25 bar / -20 °C
Type of connection:	FlexiClamp
Size of inlet connection:	DN 32 1 1/4 inch
Size of outlet connection:	DN 32 1 1/4 inch
Pressure rating for pipe connection:	PN 25
Flange size for motor:	FT85
Connect code:	CA
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 90 °C
Selected liquid temperature:	20 °C
Density at selected liquid temperature:	998.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Motor standard:	IEC
Motor type:	71B
IE Efficiency class:	IE3
Rated power - P2:	0.55 kW
Power (P2) required by pump:	0.55 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-415Y V





Company name:

Created by:

Phone:

Date:

07/05/2019

Description	Value
Rated current:	2.50/1.44 A
Starting current:	580-620 %
Cos phi - power factor:	0.80-0.70
Rated speed:	2830-2850 rpm
Efficiency:	IE3 77,8%
Motor efficiency at full load:	77.8 %
Motor efficiency at 3/4 load:	81.5 %
Motor efficiency at 1/2 load:	79.5 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85805103
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Minimum efficiency index, MEI $\eta_{min}$ :	0.70
Net weight:	19.1 kg
Gross weight:	21.8 kg
Shipping volume:	0.063 m <sup>3</sup>
Country of origin:	GB
Custom tariff no.:	84137075