


Qty.	Description
1	<p data-bbox="199 338 483 367"><b>CRI 3-6A-CA-A-V-HQQV</b></p>  <p data-bbox="199 660 467 689">Product No.: <a href="#">96516747</a></p> <p data-bbox="199 719 1449 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="199 835 935 864">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="199 896 316 925"><b>Controls:</b></p> <p data-bbox="199 925 638 954">Frequency converter: NONE</p> <p data-bbox="199 985 288 1014"><b>Liquid:</b></p> <p data-bbox="199 1014 638 1043">Pumped liquid: Water</p> <p data-bbox="199 1043 694 1072">Liquid temperature range: -20 .. 90 °C</p> <p data-bbox="199 1072 630 1102">Selected liquid temperature: 20 °C</p> <p data-bbox="199 1102 778 1131">Density at selected liquid temperature: 998.2 kg/m<sup>3</sup></p> <p data-bbox="199 1162 328 1191"><b>Technical:</b></p> <p data-bbox="199 1191 821 1220">Pump speed on which pump data are based: 2856 rpm</p> <p data-bbox="199 1220 638 1249">Rated flow: 3 m<sup>3</sup>/h</p> <p data-bbox="199 1249 646 1279">Rated head: 28.5 m</p> <p data-bbox="199 1279 651 1308">Pump orientation: Vertical</p> <p data-bbox="199 1308 638 1337">Shaft seal arrangement: Single</p> <p data-bbox="199 1337 638 1366">Code for shaft seal: HQQV</p> <p data-bbox="199 1366 667 1395">Approvals on nameplate: CE, EAC</p> <p data-bbox="199 1395 762 1424">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1456 320 1485"><b>Materials:</b></p> <p data-bbox="199 1485 727 1547">Base: Stainless steel EN 1.4408 AISI 316</p> <p data-bbox="199 1579 727 1641">Impeller: Stainless steel EN 1.4301 AISI 304</p> <p data-bbox="199 1673 608 1702">Bearing: SIC</p> <p data-bbox="199 1733 344 1762"><b>Installation:</b></p> <p data-bbox="199 1762 630 1792">Maximum ambient temperature: 40 °C</p> <p data-bbox="199 1792 638 1821">Maximum operating pressure: 25 bar</p> <p data-bbox="199 1821 735 1879">Max pressure at stated temp: 25 bar / 90 °C 25 bar / -20 °C</p> <p data-bbox="199 1879 694 1908">Type of connection: FlexiClamp</p> <p data-bbox="199 1908 638 1966">Size of inlet connection: DN 32 1 1/4 inch</p> <p data-bbox="199 1966 638 2024">Size of outlet connection: DN 32 1 1/4 inch</p> <p data-bbox="199 2024 686 2054">Pressure rating for pipe connection: PN 25</p> <p data-bbox="199 2054 627 2083">Flange size for motor: FT85</p>

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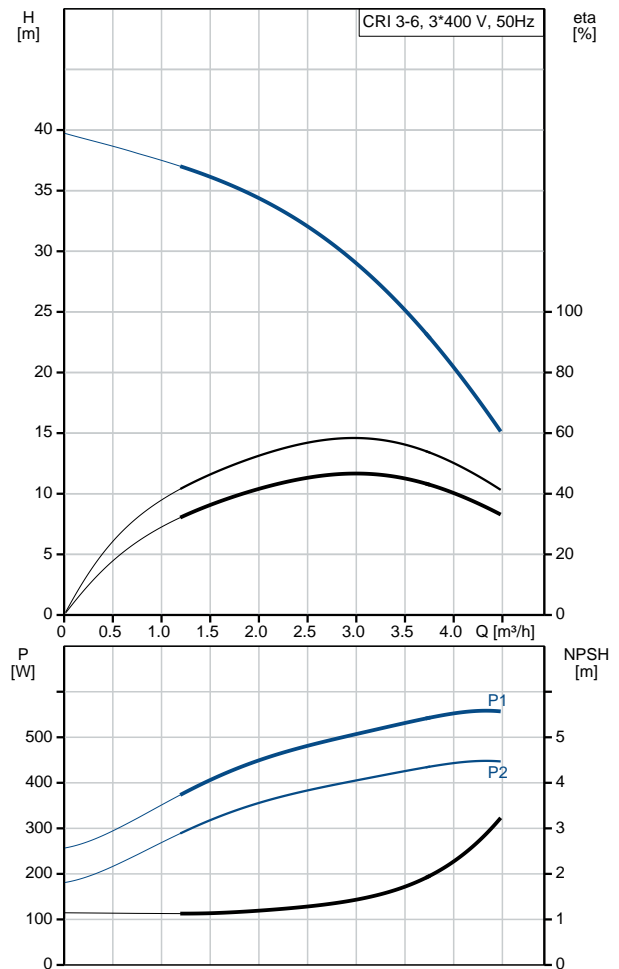
**Electrical data:**

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
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 No:	85805103

**Others:**

Minimum efficiency index, MEI $\hat{\alpha}\%$ :	0.70
Net weight:	17.4 kg
Gross weight:	20.1 kg
Shipping volume:	0.054 m <sup>3</sup>
Country of origin:	GB
Custom tariff no.:	84137075

Description	Value
<b>General information:</b>	
Product name:	CRI 3-6A-CA-A-V-HQQV
Product No:	96516747
EAN number:	5700396749181
<b>Technical:</b>	
Pump speed on which pump data are based:	2856 rpm
Rated flow:	3 m <sup>3</sup> /h
Rated head:	28.5 m
Head max:	39.5 m
Stages:	6
Impellers:	6
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:

08/05/2019

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:	17.4 kg
Gross weight:	20.1 kg
Shipping volume:	0.054 m <sup>3</sup>
Country of origin:	GB
Custom tariff no.:	84137075