
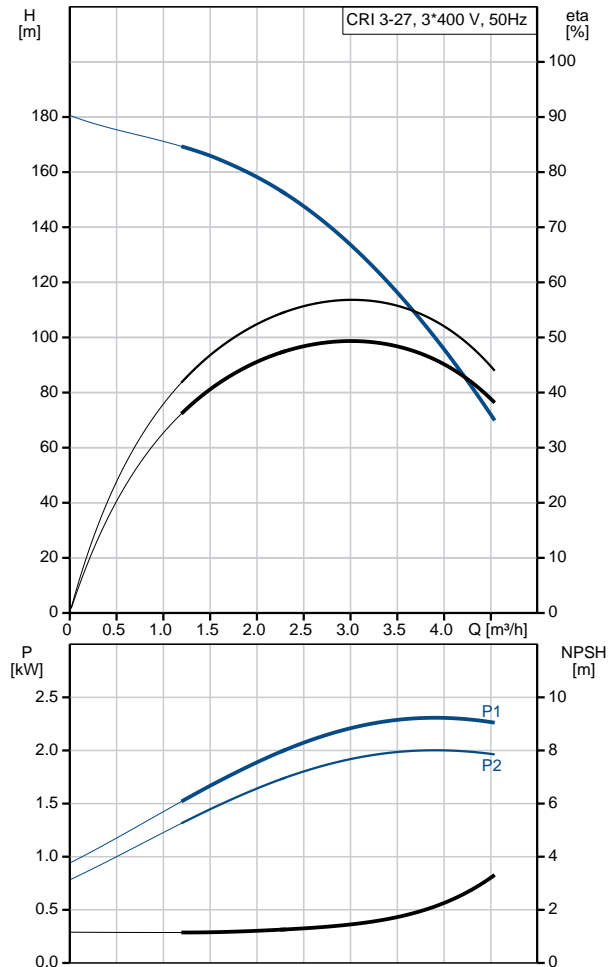


Qty.	Description
1	<p data-bbox="199 338 510 369">CRI 3-27A-FGJ-A-V-HQQV</p>  <p data-bbox="199 660 470 692">Product No.: 96527943</p> <p data-bbox="199 719 1452 824">Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid 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 combined DIN-ANSI-JIS flanges.</p> <p data-bbox="199 862 933 893">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="199 920 311 952">Controls:</p> <p data-bbox="199 952 638 983">Frequency converter: NONE</p> <p data-bbox="199 1010 287 1041">Liquid:</p> <p data-bbox="199 1041 638 1072">Pumped liquid: Water</p> <p data-bbox="199 1072 694 1104">Liquid temperature range: -20 .. 90 °C</p> <p data-bbox="199 1104 630 1135">Selected liquid temperature: 20 °C</p> <p data-bbox="199 1135 774 1167">Density at selected liquid temperature: 998.2 kg/m³</p> <p data-bbox="199 1193 327 1225">Technical:</p> <p data-bbox="199 1225 821 1256">Pump speed on which pump data are based: 2899 rpm</p> <p data-bbox="199 1256 638 1288">Rated flow: 3 m³/h</p> <p data-bbox="199 1288 638 1319">Rated head: 131 m</p> <p data-bbox="199 1319 638 1350">Pump orientation: Vertical</p> <p data-bbox="199 1350 638 1382">Shaft seal arrangement: Single</p> <p data-bbox="199 1382 638 1413">Code for shaft seal: HQQV</p> <p data-bbox="199 1413 670 1444">Approvals on nameplate: CE, EAC</p> <p data-bbox="199 1444 766 1476">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1503 319 1534">Materials:</p> <p data-bbox="199 1534 726 1601">Base: Stainless steel EN 1.4408 AISI 316</p> <p data-bbox="199 1601 726 1691">Impeller: Stainless steel EN 1.4301 AISI 304</p> <p data-bbox="199 1691 606 1736">Bearing: SIC</p> <p data-bbox="199 1762 343 1794">Installation:</p> <p data-bbox="199 1794 630 1825">Maximum ambient temperature: 60 °C</p> <p data-bbox="199 1825 638 1856">Maximum operating pressure: 25 bar</p> <p data-bbox="199 1856 734 1915">Max pressure at stated temp: 25 bar / 90 °C 25 bar / -20 °C</p> <p data-bbox="199 1915 742 1946">Type of connection: DIN / ANSI / JIS</p> <p data-bbox="199 1946 678 2004">Size of inlet connection: DN 25/32 1 1/4 inch</p> <p data-bbox="199 2004 678 2063">Size of outlet connection: DN 25/32 1 1/4 inch</p> <p data-bbox="199 2063 686 2094">Pressure rating for pipe connection: PN 25</p> <p data-bbox="199 2094 638 2125">Flange rating inlet: 300 lb</p>

Qty.	Description
	<p>Flange size for motor: FT115</p> <p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 90LC</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 2.2 kW</p> <p>Power (P2) required by pump: 2.2 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 7.70/4.45 A</p> <p>Starting current: 850-950 %</p> <p>Cos phi - power factor: 0.89-0.87</p> <p>Rated speed: 2890-2910 rpm</p> <p>Efficiency: IE3 85,9%</p> <p>Motor efficiency at full load: 85.9 %</p> <p>Motor efficiency at 3/4 load: 86.8 %</p> <p>Motor efficiency at 1/2 load: 86.0 %</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: 85U05908</p> <p>Others:</p> <p>Minimum efficiency index, MEI $\hat{\alpha}\% \approx$: 0.70</p> <p>Net weight: 46.4 kg</p> <p>Gross weight: 49.3 kg</p> <p>Shipping volume: 0.13 m³</p> <p>Country of origin: GB</p> <p>Custom tariff no.: 84137075</p>

Description	Value
General information:	
Product name:	CRI 3-27A-FGJ-A-V-HQQV
Product No:	96527943
EAN number:	5700397101193
Technical:	
Pump speed on which pump data are based:	2899 rpm
Rated flow:	3 m ³ /h
Rated head:	131 m
Head max:	179 m
Stages:	27
Impellers:	27
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
Materials:	
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
Installation:	
Maximum ambient temperature:	60 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 90 °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 pipe connection:	PN 25
Flange rating inlet:	300 lb
Flange size for motor:	FT115
Connect code:	FGJ
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 90 °C
Selected liquid temperature:	20 °C
Density at selected liquid temperature:	998.2 kg/m ³
Electrical data:	
Motor standard:	IEC
Motor type:	90LC
IE Efficiency class:	IE3
Rated power - P2:	2.2 kW
Power (P2) required by pump:	2.2 kW
Mains frequency:	50 Hz





Company name:

Created by:

Phone:

Date:

08/05/2019

Description	Value
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	7.70/4.45 A
Starting current:	850-950 %
Cos phi - power factor:	0.89-0.87
Rated speed:	2890-2910 rpm
Efficiency:	IE3 85,9%
Motor efficiency at full load:	85.9 %
Motor efficiency at 3/4 load:	86.8 %
Motor efficiency at 1/2 load:	86.0 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85U05908
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI %:	0.70
Net weight:	46.4 kg
Gross weight:	49.3 kg
Shipping volume:	0.13 m ³
Sales region:	GB
Country of origin:	GB
Custom tariff no.:	84137075