
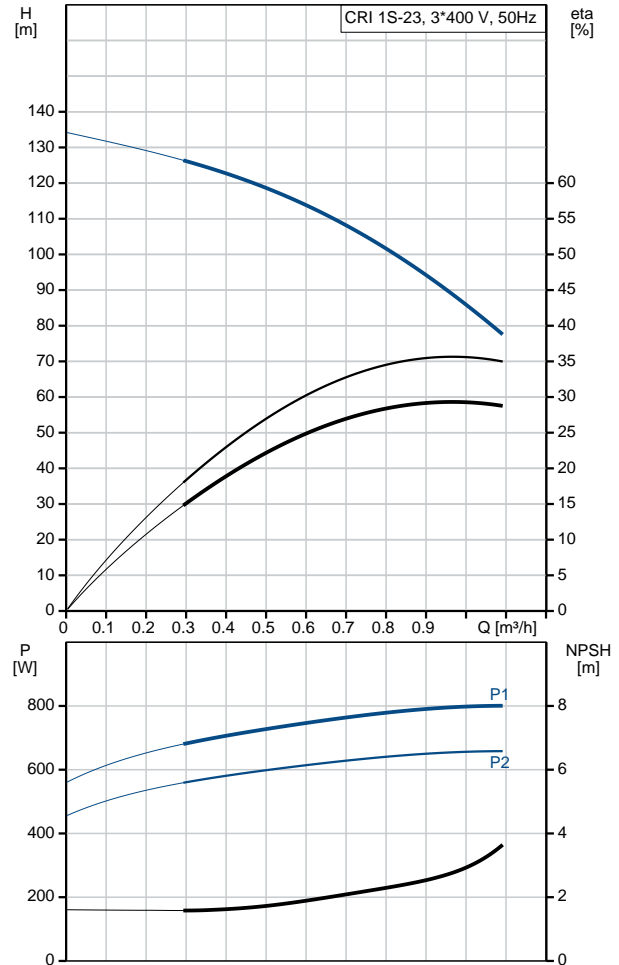


Qty.	Description
1	<p data-bbox="199 338 526 367">CRI 1S-23A-FGJ-A-V-HQQV</p>  <p data-bbox="199 660 470 689">Product No.: 96527622</p> <p data-bbox="199 719 1444 797">Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in stainless steel. Power transmission is via a rigid split coupling. Pipe connection is via combined DIN-ANSI-JIS flanges.</p> <p data-bbox="199 835 933 864">The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="199 896 311 925">Controls:</p> <p data-bbox="199 925 638 954">Frequency converter: NONE</p> <p data-bbox="199 985 287 1014">Liquid:</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 774 1131">Density at selected liquid temperature: 998.2 kg/m³</p> <p data-bbox="199 1162 327 1191">Technical:</p> <p data-bbox="199 1191 821 1220">Pump speed on which pump data are based: 2864 rpm</p> <p data-bbox="199 1220 662 1249">Rated flow: 0.9 m³/h</p> <p data-bbox="199 1249 646 1279">Rated head: 90.4 m</p> <p data-bbox="199 1279 646 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 670 1395">Approvals on nameplate: CE, EAC</p> <p data-bbox="199 1395 766 1424">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="199 1456 319 1485">Materials:</p> <p data-bbox="199 1485 726 1514">Base: Stainless steel</p> <p data-bbox="566 1514 686 1543">EN 1.4408</p> <p data-bbox="566 1543 662 1572">AISI 316</p> <p data-bbox="199 1572 726 1601">Impeller: Stainless steel</p> <p data-bbox="566 1601 686 1630">EN 1.4301</p> <p data-bbox="566 1630 662 1659">AISI 304</p> <p data-bbox="199 1659 606 1688">Bearing: SIC</p> <p data-bbox="199 1720 343 1749">Installation:</p> <p data-bbox="199 1749 630 1778">Maximum ambient temperature: 60 °C</p> <p data-bbox="199 1778 638 1807">Maximum operating pressure: 25 bar</p> <p data-bbox="199 1807 734 1836">Max pressure at stated temp: 25 bar / 90 °C</p> <p data-bbox="566 1836 734 1865">25 bar / -20 °C</p> <p data-bbox="199 1865 742 1895">Type of connection: DIN / ANSI / JIS</p> <p data-bbox="199 1895 678 1924">Size of inlet connection: DN 25/32</p> <p data-bbox="566 1924 678 1953">1 1/4 inch</p> <p data-bbox="199 1953 678 1982">Size of outlet connection: DN 25/32</p> <p data-bbox="566 1982 678 2011">1 1/4 inch</p> <p data-bbox="199 2011 686 2040">Pressure rating for pipe connection: PN 25</p> <p data-bbox="199 2040 638 2069">Flange rating inlet: 300 lb</p>

Qty.	Description
	<p>Flange size for motor: FT100</p> <p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: 80A</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 0.75 kW</p> <p>Power (P2) required by pump: 0.75 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 3.30/1.90 A</p> <p>Starting current: 580-620 %</p> <p>Cos phi - power factor: 0.81-0.71</p> <p>Rated speed: 2840-2870 rpm</p> <p>Efficiency: IE3 80,7%</p> <p>Motor efficiency at full load: 80.7 %</p> <p>Motor efficiency at 3/4 load: 82.7 %</p> <p>Motor efficiency at 1/2 load: 81.7 %</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: 85905175</p> <p>Others:</p> <p>Minimum efficiency index, MEI $\hat{\alpha}\%$: 0.54</p> <p>Net weight: 31.7 kg</p> <p>Gross weight: 35.8 kg</p> <p>Shipping volume: 0.092 m³</p> <p>Country of origin: GB</p> <p>Custom tariff no.: 84137075</p>

Description	Value
General information:	
Product name:	CRI 1S-23A-FGJ-A-V-HQQV
Product No:	96527622
EAN number:	5700397080924
Technical:	
Pump speed on which pump data are based:	2864 rpm
Rated flow:	0.9 m ³ /h
Rated head:	90.4 m
Head max:	134.4 m
Stages:	23
Impellers:	23
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:	FT100
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:	80A
IE Efficiency class:	IE3
Rated power - P2:	0.75 kW
Power (P2) required by pump:	0.75 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:	3.30/1.90 A
Starting current:	580-620 %
Cos phi - power factor:	0.81-0.71
Rated speed:	2840-2870 rpm
Efficiency:	IE3 80,7%
Motor efficiency at full load:	80.7 %
Motor efficiency at 3/4 load:	82.7 %
Motor efficiency at 1/2 load:	81.7 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85905175
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI %:	0.54
Net weight:	31.7 kg
Gross weight:	35.8 kg
Shipping volume:	0.092 m ³
Sales region:	GB
Country of origin:	GB
Custom tariff no.:	84137075