
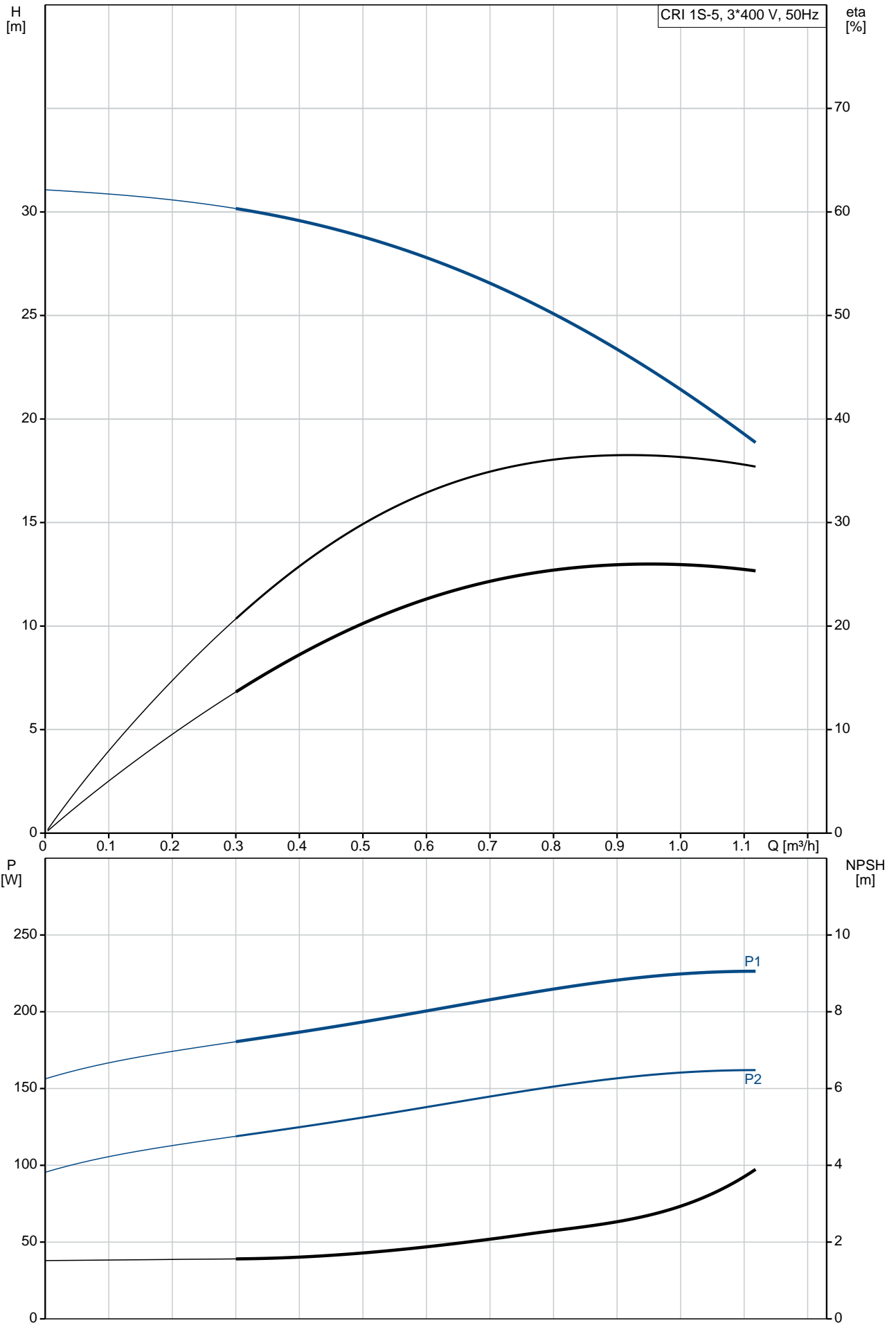


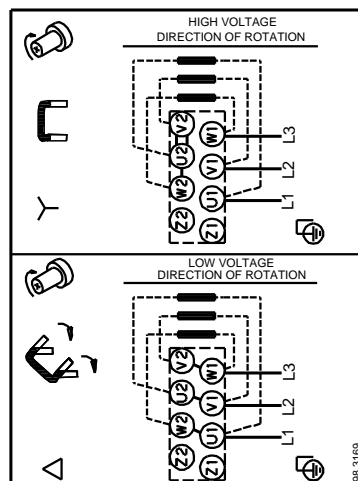
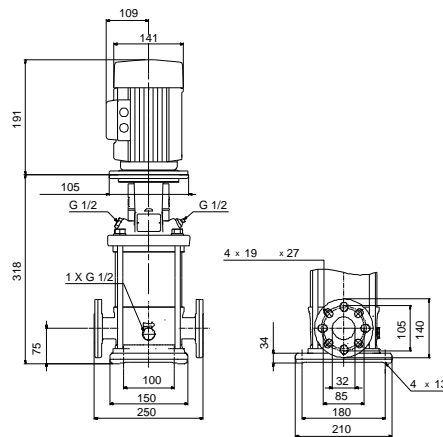
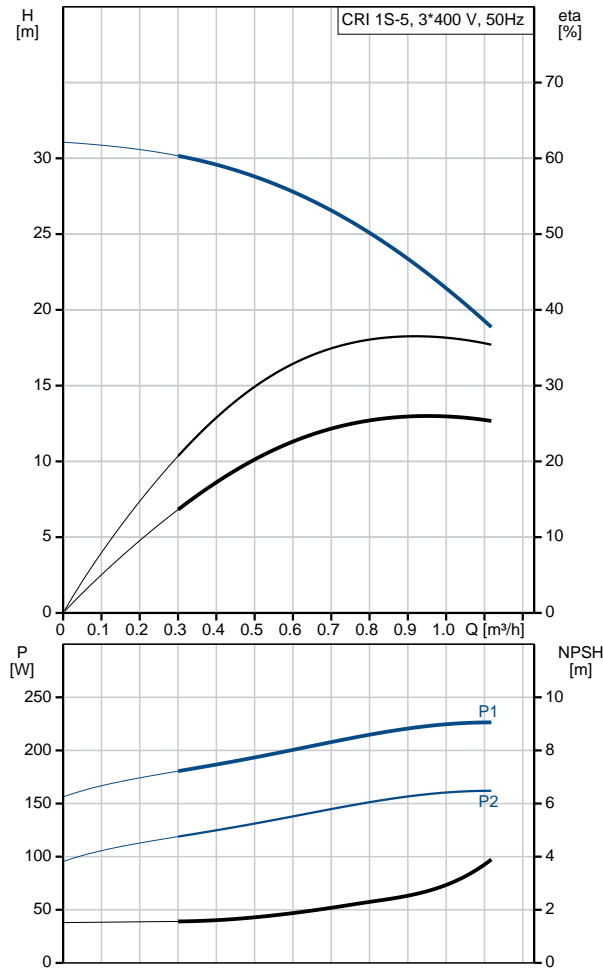
Position	Qty.	Description
	1	<p data-bbox="322 161 625 192"><b>CRI 1S-5 A-FGJ-I-E-HQQE</b></p>  <p data-bbox="322 483 587 515">Product No.: <a href="#">96527553</a></p> <p data-bbox="322 515 842 600">Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.</p> <p data-bbox="322 631 798 663">The pump has the following characteristics:</p> <ul data-bbox="354 663 874 810" style="list-style-type: none"> <li>- Impellers, intermediate chambers and outer sleeve are made of</li> <li>- Pump head cover and base are made of</li> <li>- The shaft seal has assembly length according to EN 12756.</li> <li>- Power transmission is via cast iron split coupling.</li> </ul> <p data-bbox="322 842 520 900">flanges/couplings.</p> <p data-bbox="322 931 695 963">The motor is a 3-phase AC motor.</p> <p data-bbox="322 994 434 1025"><b>Controls:</b></p> <p data-bbox="322 1025 759 1057">Frequency converter: NONE</p> <p data-bbox="322 1088 408 1120"><b>Liquid:</b></p> <p data-bbox="322 1120 823 1236">Pumped liquid: Water Liquid temperature range: -20 .. 120 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m<sup>3</sup></p> <p data-bbox="322 1267 450 1299"><b>Technical:</b></p> <p data-bbox="322 1299 880 1527">Speed for pump data: 2873 rpm Rated flow: 0.9 m<sup>3</sup>/h Rated head: 21.1 m Pump orientation: Vertical Shaft seal arrangement: Single Code for shaft seal: HQQE Approvals on nameplate: CE, EAC, ACS Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="322 1559 440 1590"><b>Materials:</b></p> <p data-bbox="322 1590 849 1796">Base: Stainless steel EN 1.4408 AISI 316 Impeller: Stainless steel EN 1.4301 AISI 304 Bearing: SIC</p> <p data-bbox="322 1827 466 1859"><b>Installation:</b></p> <p data-bbox="322 1859 865 2087">Maximum ambient temperature: 40 °C Maximum operating pressure: 25 bar Max pressure at stated temp: 25 bar / 120 °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</p>

Position	Qty.	Description
		<p style="text-align: right;">1 1/4 inch</p> <p>Pressure rating for pipe connection: PN 25</p> <p>Flange rating inlet: 300 lb</p> <p>Flange size for motor: FT85</p> <p><b>Electrical data:</b></p> <p>Motor standard: IEC</p> <p>Motor type: 71A</p> <p>IE Efficiency class: IE3</p> <p>Rated power - P2: 0.37 kW</p> <p>Power (P2) required by pump: 0.37 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 220-240D/380-415Y V</p> <p>Rated current: 1,74/1,00 A</p> <p>Starting current: 490-530 %</p> <p>Cos phi - power factor: 0,80-0,70</p> <p>Rated speed: 2850-2880 rpm</p> <p>Efficiency: IE3 73,8%</p> <p>Motor efficiency at full load: 73.8 %</p> <p>Motor efficiency at 3/4 load: 79.0 %</p> <p>Motor efficiency at 1/2 load: 75.5 %</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><b>Others:</b></p> <p>Minimum efficiency index, MEI : 0.54</p> <p>Net weight: 21.6 kg</p> <p>Gross weight: 24.2 kg</p> <p>Shipping volume: 0.054 m<sup>3</sup></p>

# 96527553 CRI 1S-5 50 Hz



Description	Value
<b>General information:</b>	
Product name:	CRI 1S-5 A-FGJ-I-E-HQQE
Product No:	96527553
EAN number:	5700397071991
<b>Technical:</b>	
Speed for pump data:	2873 rpm
Rated flow:	0.9 m³/h
Rated head:	21.1 m
Stages:	5
Impellers:	5
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Approvals on nameplate:	CE, EAC, ACS
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:	I
Code for rubber:	E
Bearing:	SIC
<b>Installation:</b>	
Maximum ambient temperature:	40 °C
Maximum operating pressure:	25 bar
Max pressure at stated temp:	25 bar / 120 °C 25 bar / -20 °C
Type of connection:	DIN / ANSI / JIS
Connect code:	FGJ
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:	FT85
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 120 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m³
<b>Electrical data:</b>	
Motor standard:	IEC
Motor type:	71A
IE Efficiency class:	IE3
Rated power - P2:	0.37 kW
Power (P2) required by pump:	0.37 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	1,74/1,00 A
Starting current:	490-530 %
Cos phi - power factor:	0,80-0,70
Rated speed:	2850-2880 rpm
Efficiency:	IE3 73,8%
Motor efficiency at full load:	73.8 %
Motor efficiency at 3/4 load:	79.0 %
Motor efficiency at 1/2 load:	75.5 %
Number of poles:	2

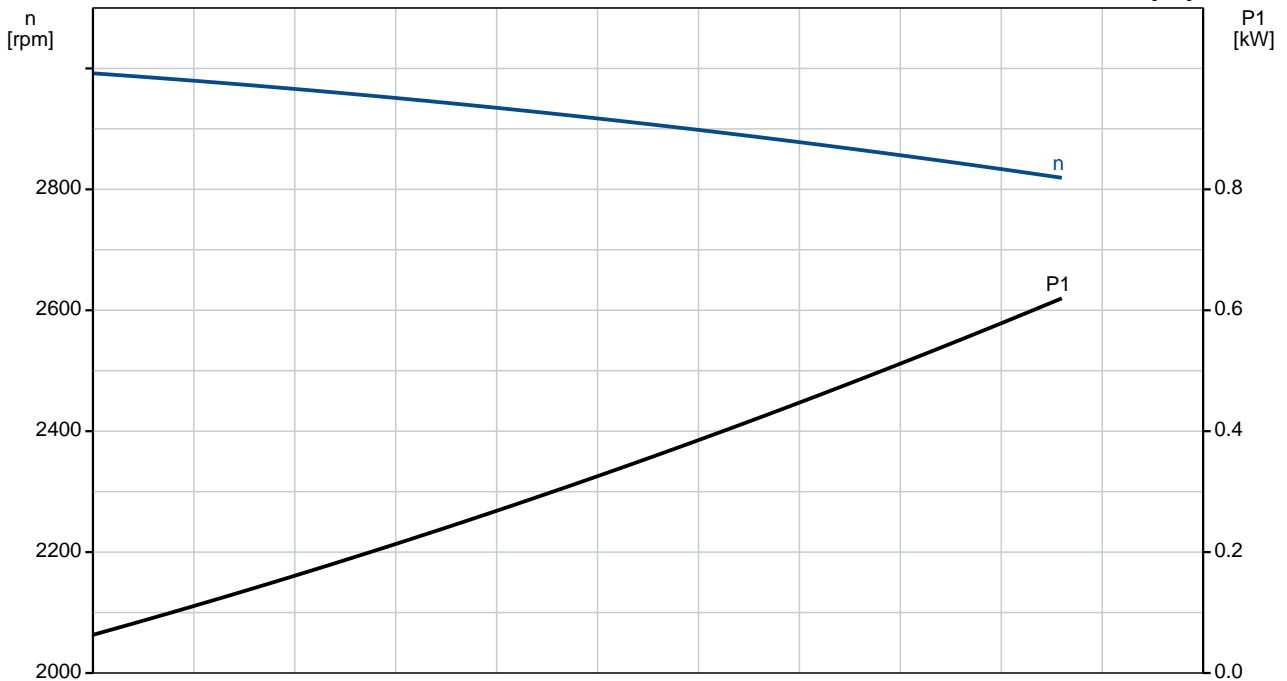
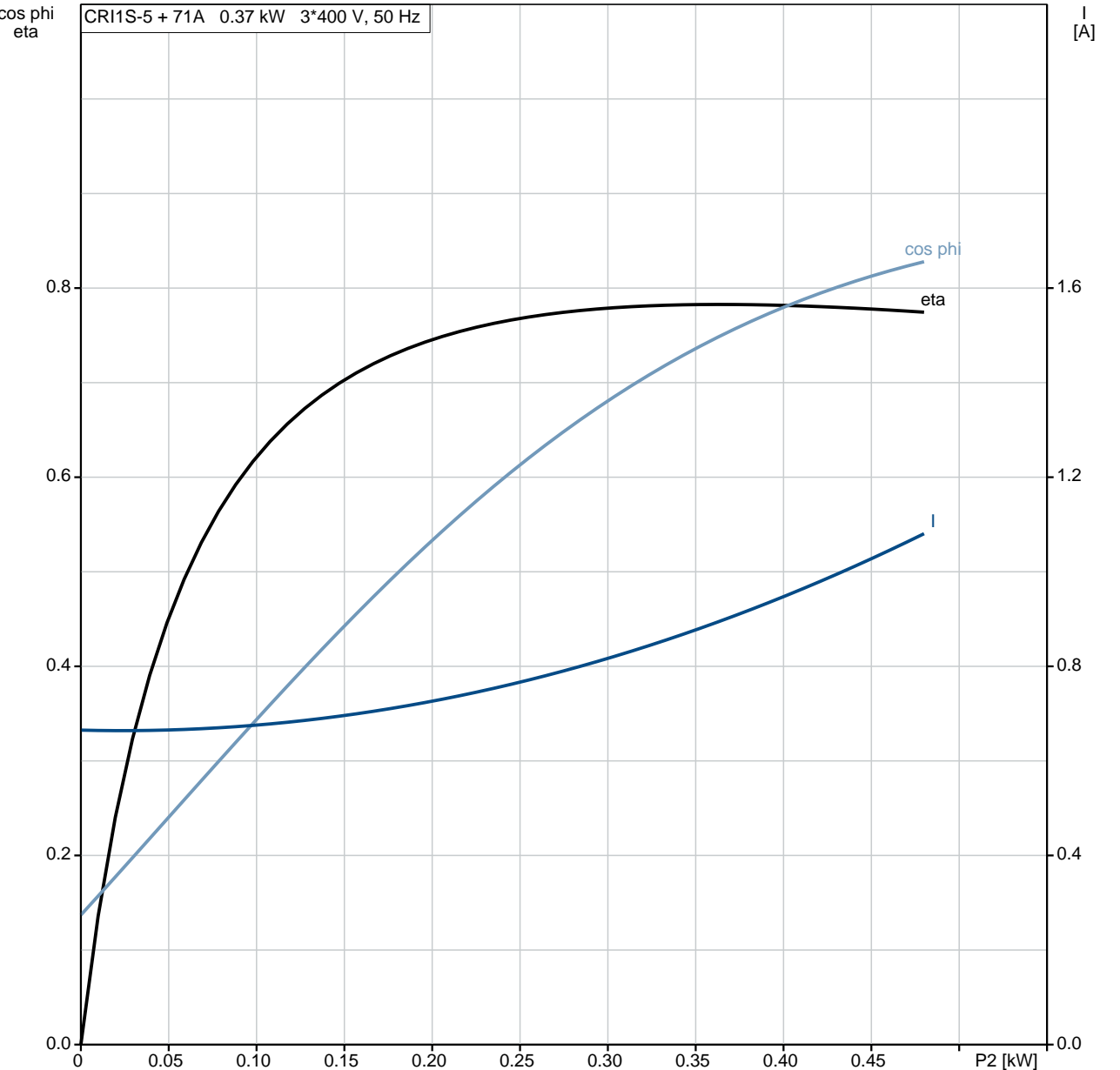


Description	Value
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Motor protec:	NONE
Motor No:	85805102
<b>Controls:</b>	
Frequency converter:	NONE
<b>Others:</b>	
Minimum efficiency index, MEI :	0.54
Net weight:	21.6 kg
Gross weight:	24.2 kg
Shipping volume:	0.054 m <sup>3</sup>

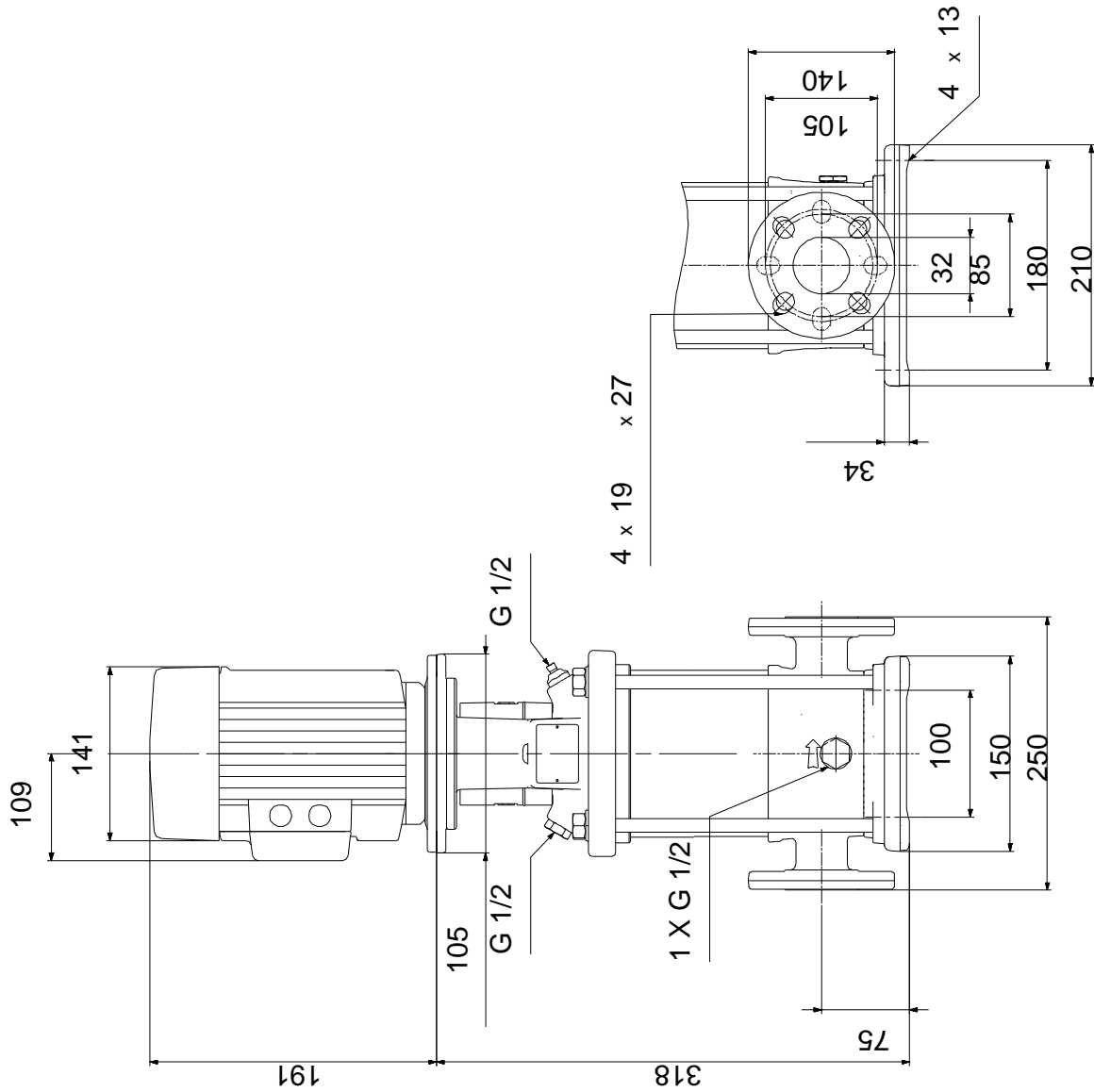
# 96527553 CRI 1S-5 50 Hz

cos phi  
eta

CRI1S-5 + 71A 0.37 kW 3\*400 V, 50 Hz



# 96527553 CRI 1S-5 50 Hz



Note! All units are in [mm] unless others are stated.  
Disclaimer: This simplified dimensional drawing does not show all details.