

Qty.	Description
1	CM 3-6 A-R-G-E-AVBE C-A-A-N  Product No.: 96935435 Compact, reliable, horizontal, multistage, end-suction centrifugal pump with axial suction port and radial discharge port. Pump materials in contact with the liquid are in high-grade stainless steel. The mechanical shaft seal is a special designed, unbalanced O-ring seal. Pipework connection is via internal Whitworth pipe threads, Rp (ISO 7/1). The pump is fitted with a 1-phase, foot-mounted, fan-cooled asynchronous motor. Controls: Frequency converter: None Liquid: Pumped liquid: Water Liquid temperature range: -20 .. 90 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Technical: Pump speed on which pump data are based: 2900 rpm Rated flow: 3.1 m³/h Rated head: 41.53 m Code for shaft seal: AVBE Approvals: CE,EAC,UKCA Approvals for drinking water: ACS,NSF61,UBA Curve tolerance: ISO9906:2012 3B Materials: Pump housing: Stainless steel EN 1.4401 AISI 316 Impeller: Stainless steel EN 1.4401 AISI 316 Installation: Range of ambient temperature: -20 .. 55 °C Maximum operating pressure: 10 bar Max pressure at stated temp: 10 bar / 40 °C 6 bar / 90 °C Type of connection: Rp Size of inlet connection: 1 inch Size of outlet connection: 1 inch Outlet position: 12 Electrical data: Motor standard: IEC Frame size: 80A Rated power - P2: 0.67 kW



Company name:

Created by:

Phone:

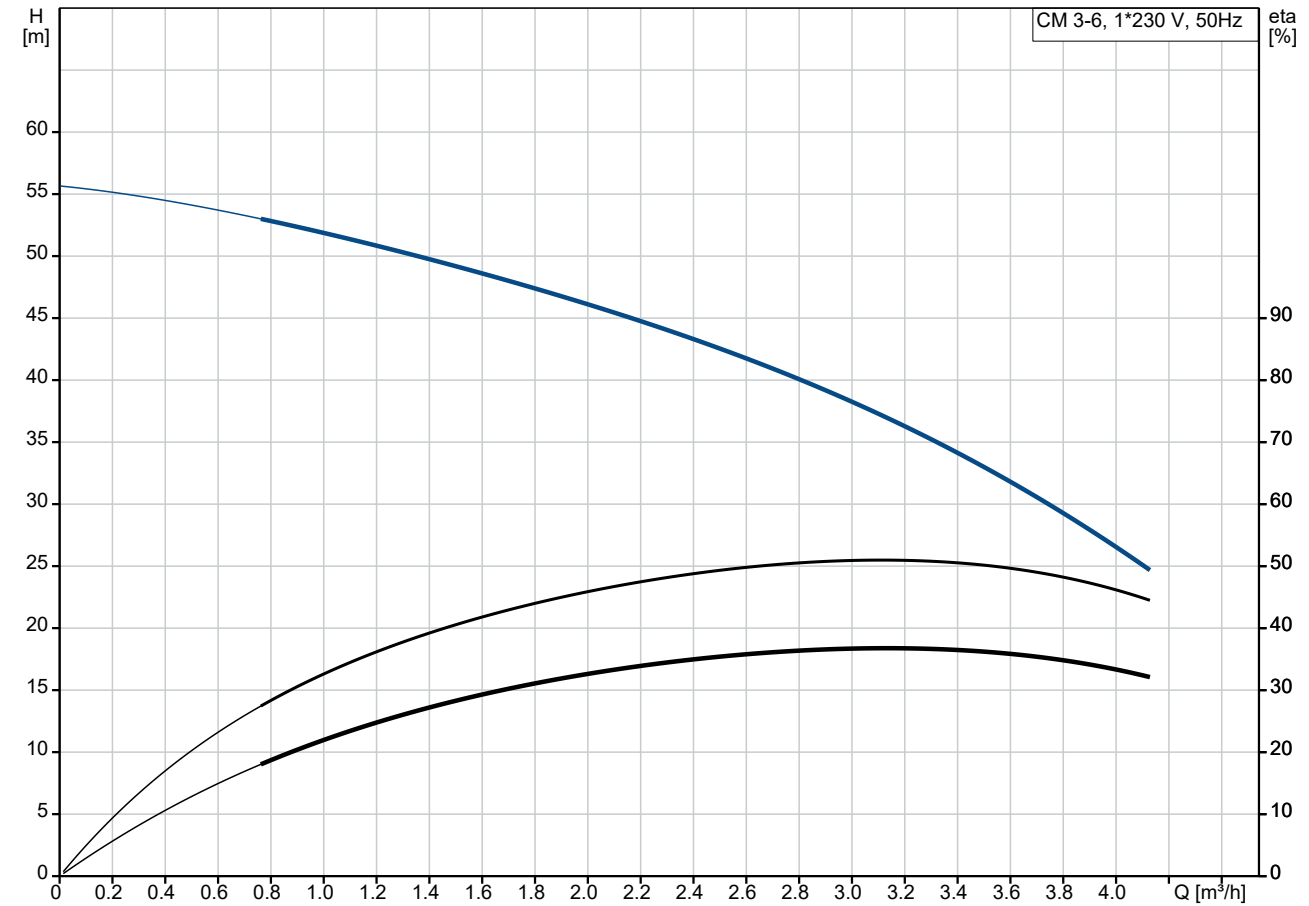
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24/06/2024

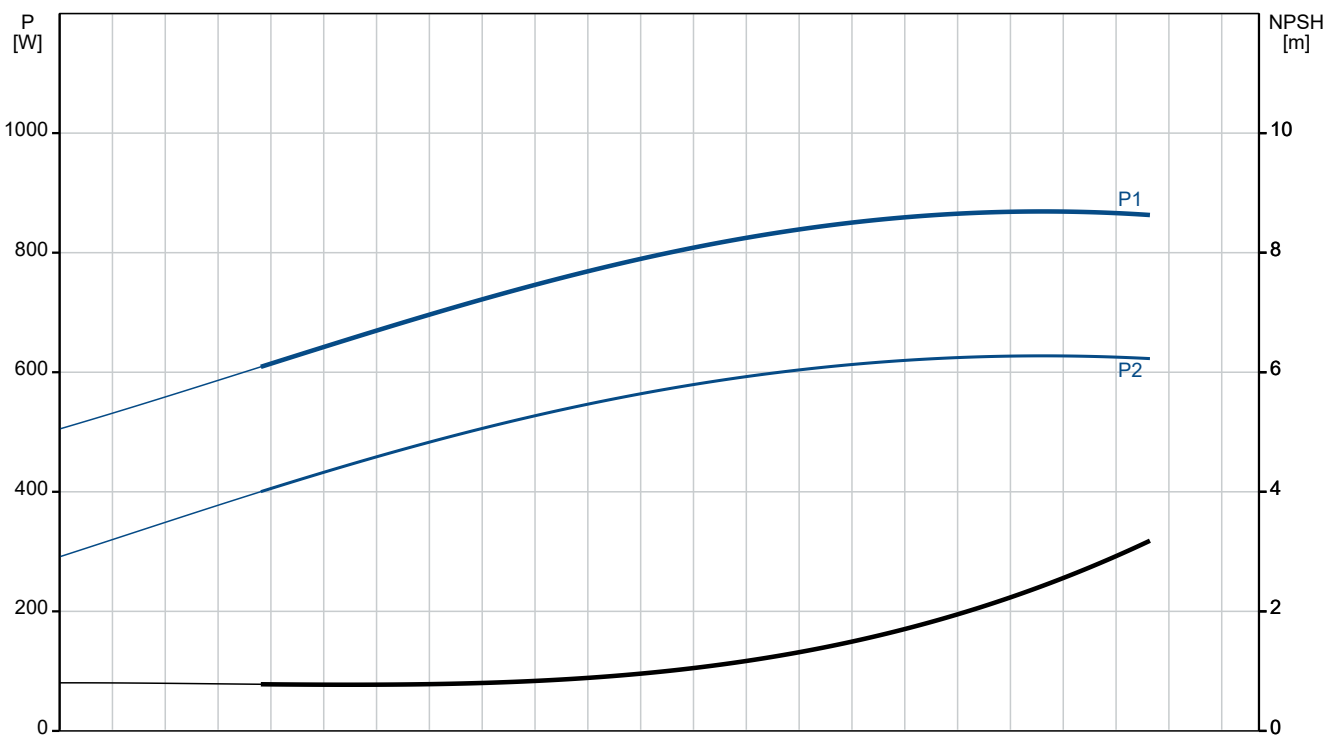
Qty.	Description
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1	Mains frequency: 50 Hz
	Suitable for 50/60 Hz: N
	Rated voltage: 1 x 220-240 V V
	Service factor: 1.00
	Rated current: 4.4-4.0 A
	Starting current: 390 %
	Rated speed: 2720-2800 rpm
	Enclosure class (IEC 34-5): IP55
	Insulation class (IEC 85): F
	Built-in motor protection: PTO
	Cable included (Yes/No): N
	Others:
	Terminal box position: 12
	Minimum efficiency index, MEI ≥: 0.7
	Net weight: 15.1 kg
	Gross weight: 17.6 kg

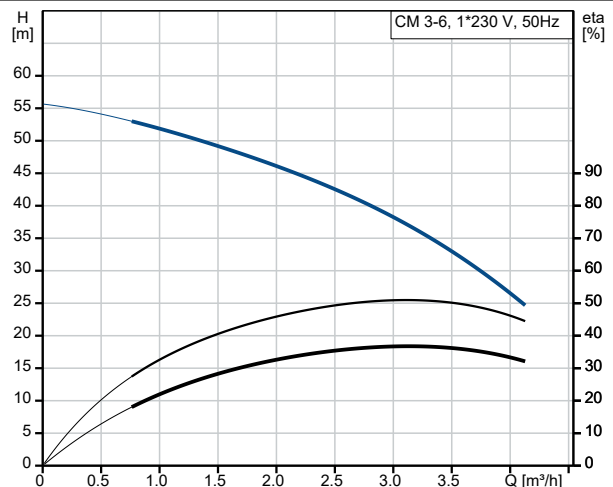
96935435 CM 3-6 A-R-G-E-AVBE C-A-A-N 50 Hz



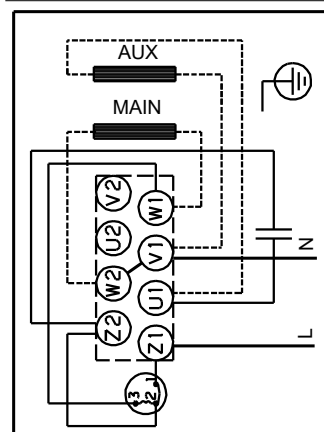
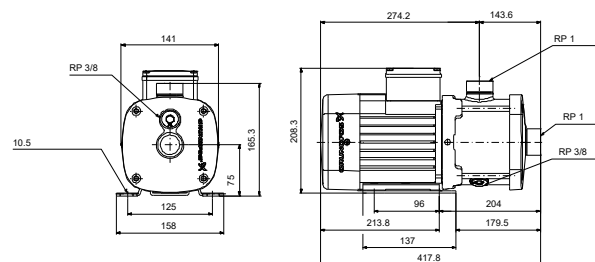
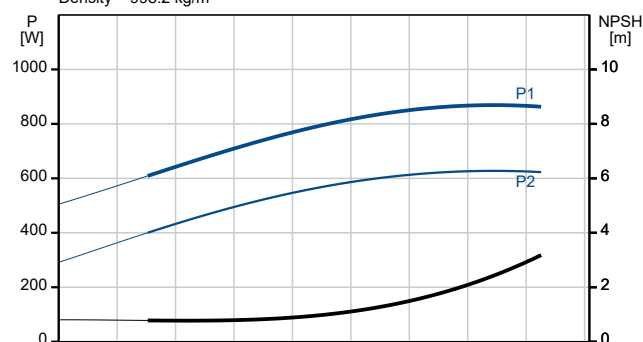
Pumped liquid = Water
Liquid temperature during operation = 20 °C
Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	CM 3-6 A-R-G-E-AVBE C-A-A-N
Product No:	96935435
EAN number:	5700314053437
Technical:	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	3.1 m³/h
Rated head:	41.53 m
Impellers:	6
Code for shaft seal:	AVBE
Approvals:	CE,EAC,UKCA
Approvals for drinking water:	ACS,NSF61,UBA
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
Pump housing:	Stainless steel
Pump housing:	EN 1.4401
Pump housing:	AISI 316
Impeller:	Stainless steel
Impeller:	EN 1.4401
Impeller:	AISI 316
Material code:	G
Code for rubber:	E
Installation:	
Range of ambient temperature:	-20 .. 55 °C
Maximum operating pressure:	10 bar
Max pressure at stated temp:	10 bar / 40 °C
Max pressure at stated temp:	6 bar / 90 °C
Type of connection:	Rp
Size of inlet connection:	1 inch
Size of outlet connection:	1 inch
Outlet position:	12
Connect code:	R
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-20 .. 90 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor standard:	IEC
Frame size:	80A
Rated power - P2:	0.67 kW
Mains frequency:	50 Hz
Suitable for 50/60 Hz:	N
Rated voltage:	1 x 220-240 V V
Service factor:	1.00
Rated current:	4.4-4.0 A
Starting current:	390 %
Rated speed:	2720-2800 rpm
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTO
Cable included (Yes/No):	N
Controls:	
Frequency converter:	None



Pumped liquid = Water
Liquid temperature during operation = 20 °C
Density = 998.2 kg/m³





Company name:

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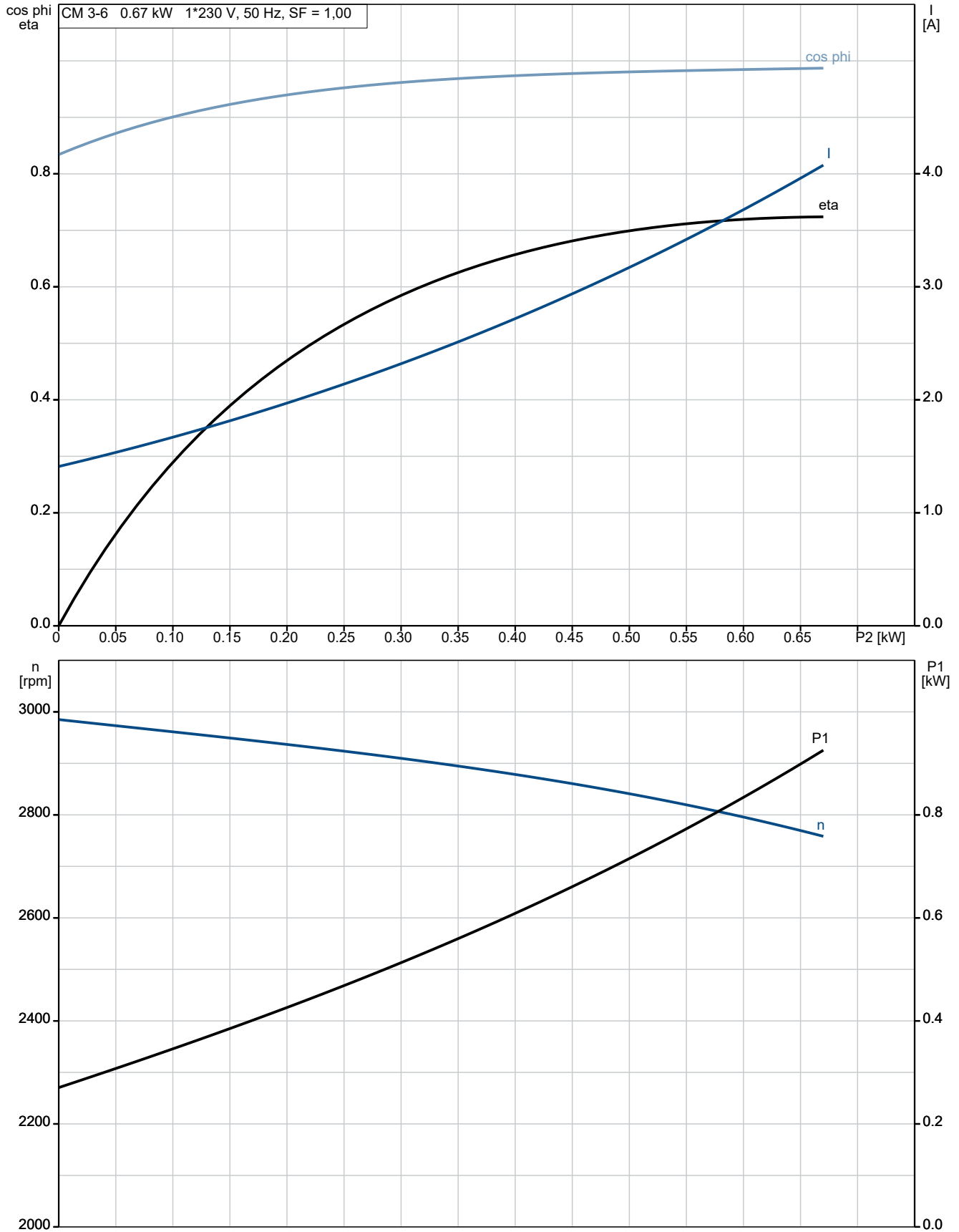
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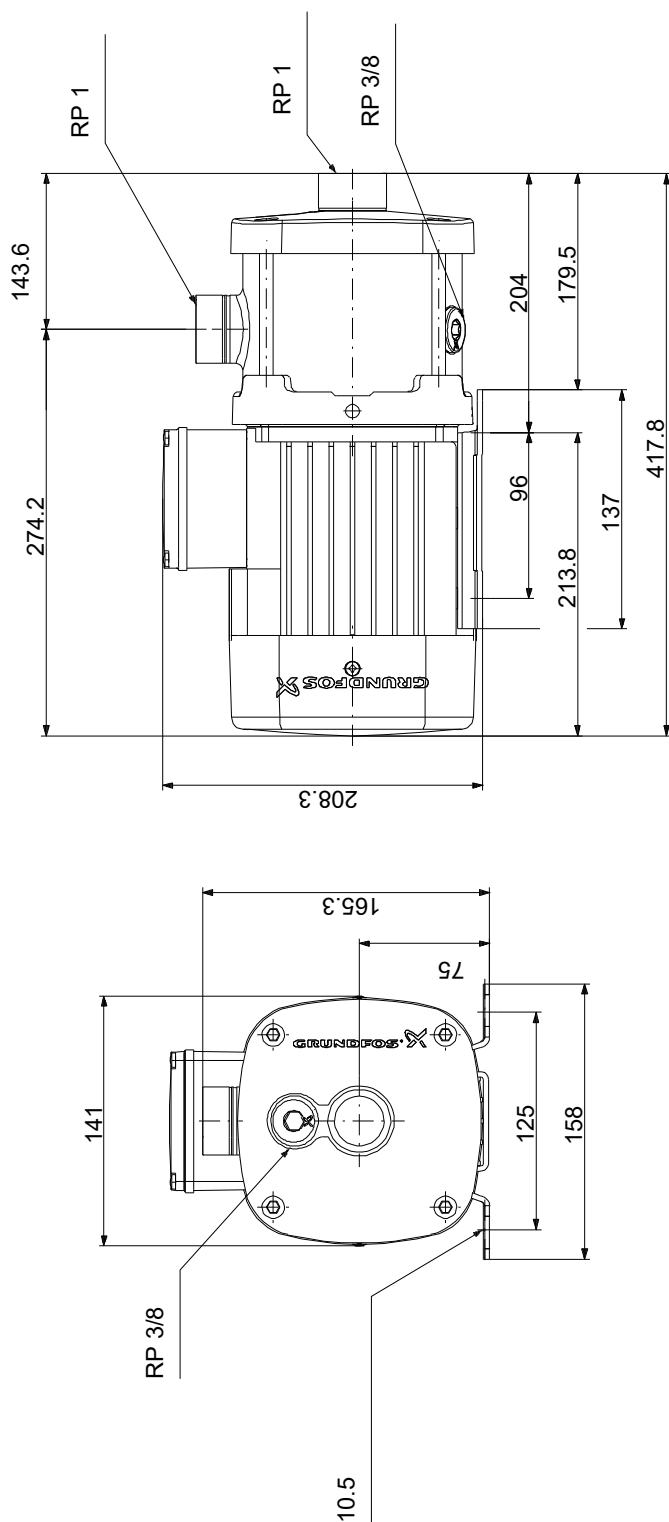
24/06/2024

Description	Value
Others:	
Terminal box position:	12
Minimum efficiency index, MEI ≥:	0.7
Net weight:	15.1 kg
Gross weight:	17.6 kg

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