

CRK 4-160/16 A-W-A-AUUV F130 50Hz

Grundfos pump 41900016



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<https://www.lenntech.com/grundfos/CRK04/41900016/CRK-4-160-16-A-W-A-AUUV.html>

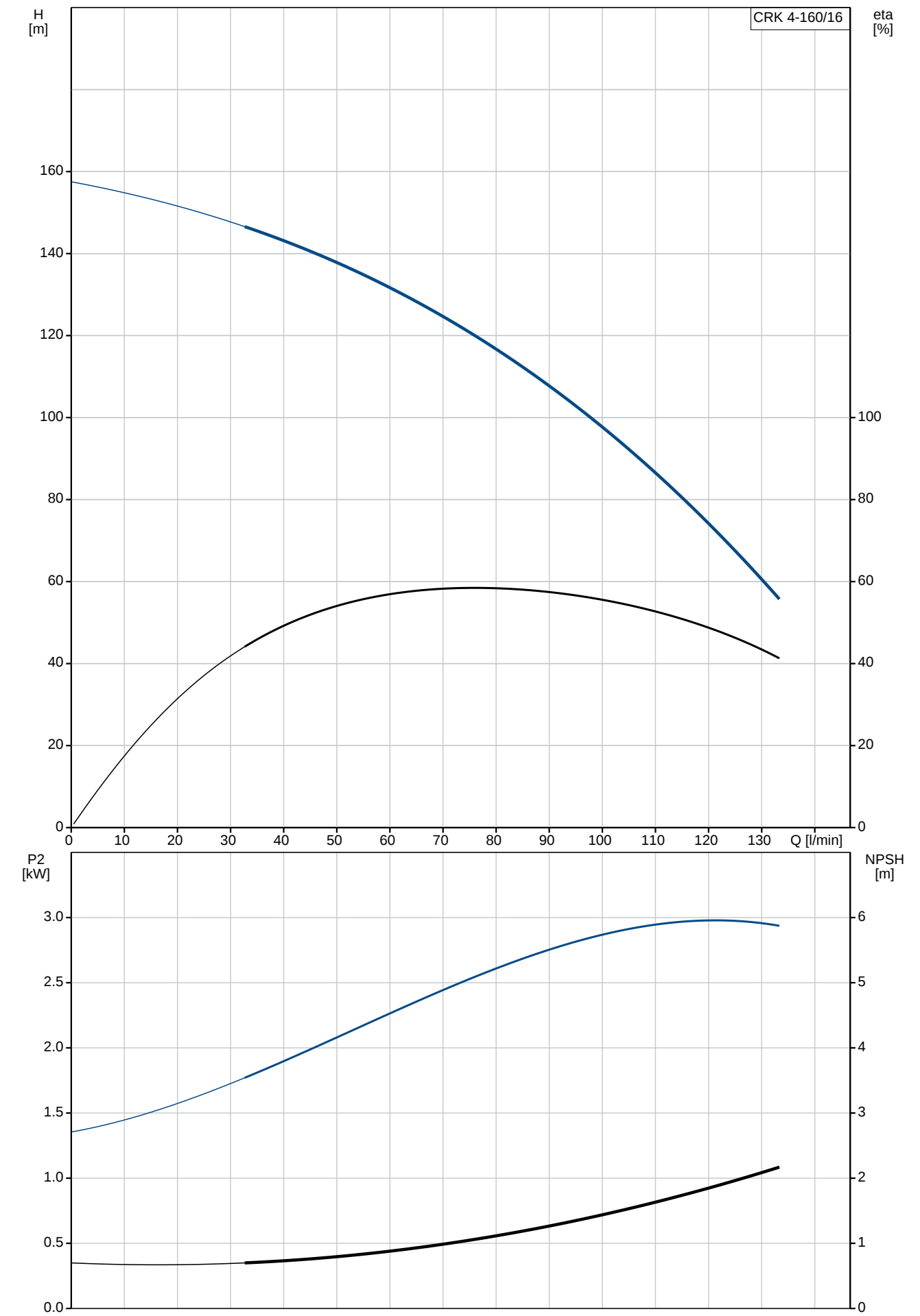
info@lenntech.com

tel. +31 152 610 900

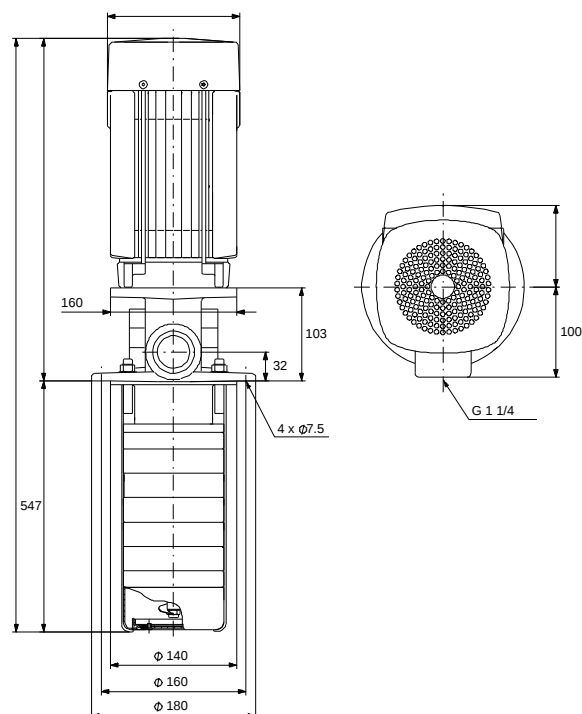
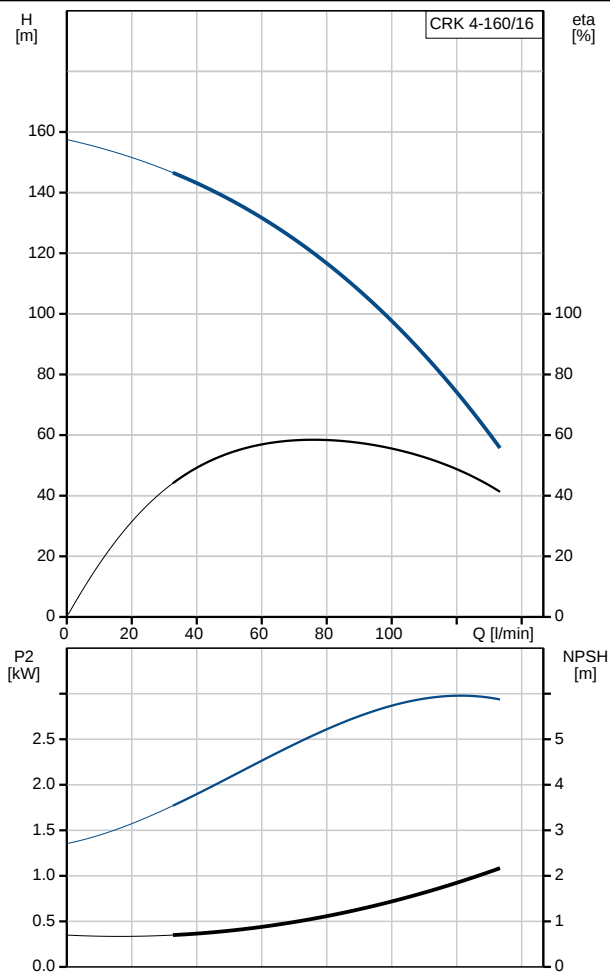
fax. +31 152 616 289

Position	Qty.	Description
	1	CRK 4-160/16 A-W-A-AUUV  Note! Product picture may differ from actual product Product No.: On request Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc. The pump has the following characteristics: - Installation length according to DIN 5440. - Impellers, intermediate chambers and spline shaft are made of Stainless steel. - Mechanical shaft seal according to EN 12756. - Power transmission via cast iron split coupling. Immersion depth: 547 mm Liquid: Pumped liquid: Water Liquid temperature range: -10 .. 90 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Technical: n: 2900 rpm Rated flow: 66.7 l/min Rated head: 127.3 m Primary shaft seal: AUUV Curve tolerance: ISO9906:2012 3B Materials: Pump head: Cast iron EN-JL1030 ASTM A48-30 B Impeller: Stainless steel DIN W.-Nr. 1.4301 AISI 304 Installation: Pipe connection: G 1 1/4 Flange size for motor: FT130 Electrical data: Power (P2) required by pump: 3 kW Others: Minimum efficiency index, MEI ≥: 0.70 Net weight: 35.7 kg

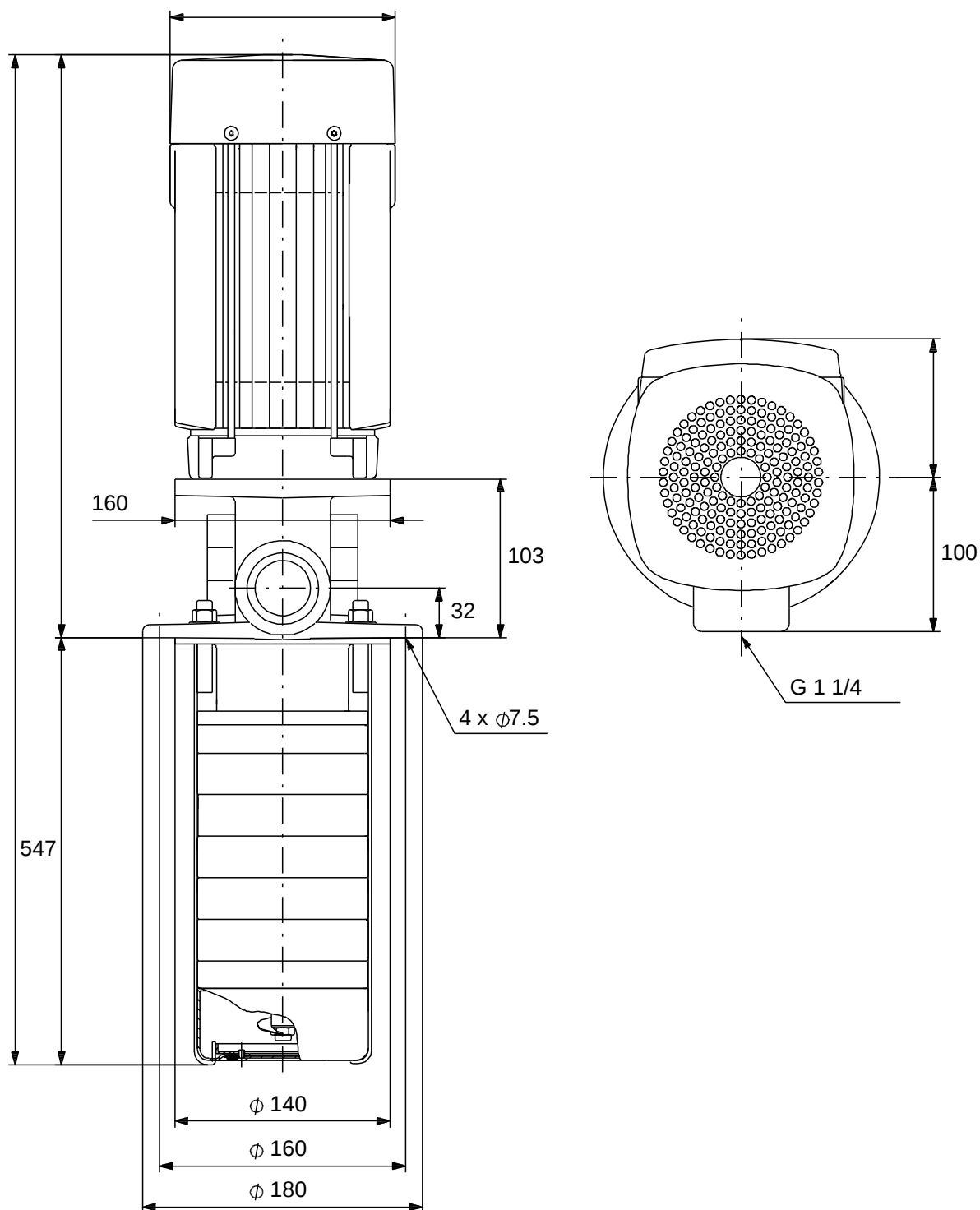
On request CRK 4-160/16 A-W-A-AUUV 50 Hz



Description	Value
General information:	
Product name:	CRK 4-160/16 A-W-A-AUUV
Product No:	On request
EAN number:	On request
Technical:	
n:	2900 rpm
Rated flow:	66.7 l/min
Rated head:	127.3 m
Stages:	16
Impellers:	16
Primary shaft seal:	AUUV
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	B
Materials:	
Pump head:	Cast iron
	EN-JL1030
	ASTM A48-30 B
Impeller:	Stainless steel
	DIN W.-Nr. 1.4301
	AISI 304
Material code:	A
Installation:	
Pipe connection:	G 1 1/4
Flange size for motor:	FT130
Connect code:	W
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-10 .. 90 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m ³
Electrical data:	
Power (P2) required by pump:	3 kW
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	35.7 kg

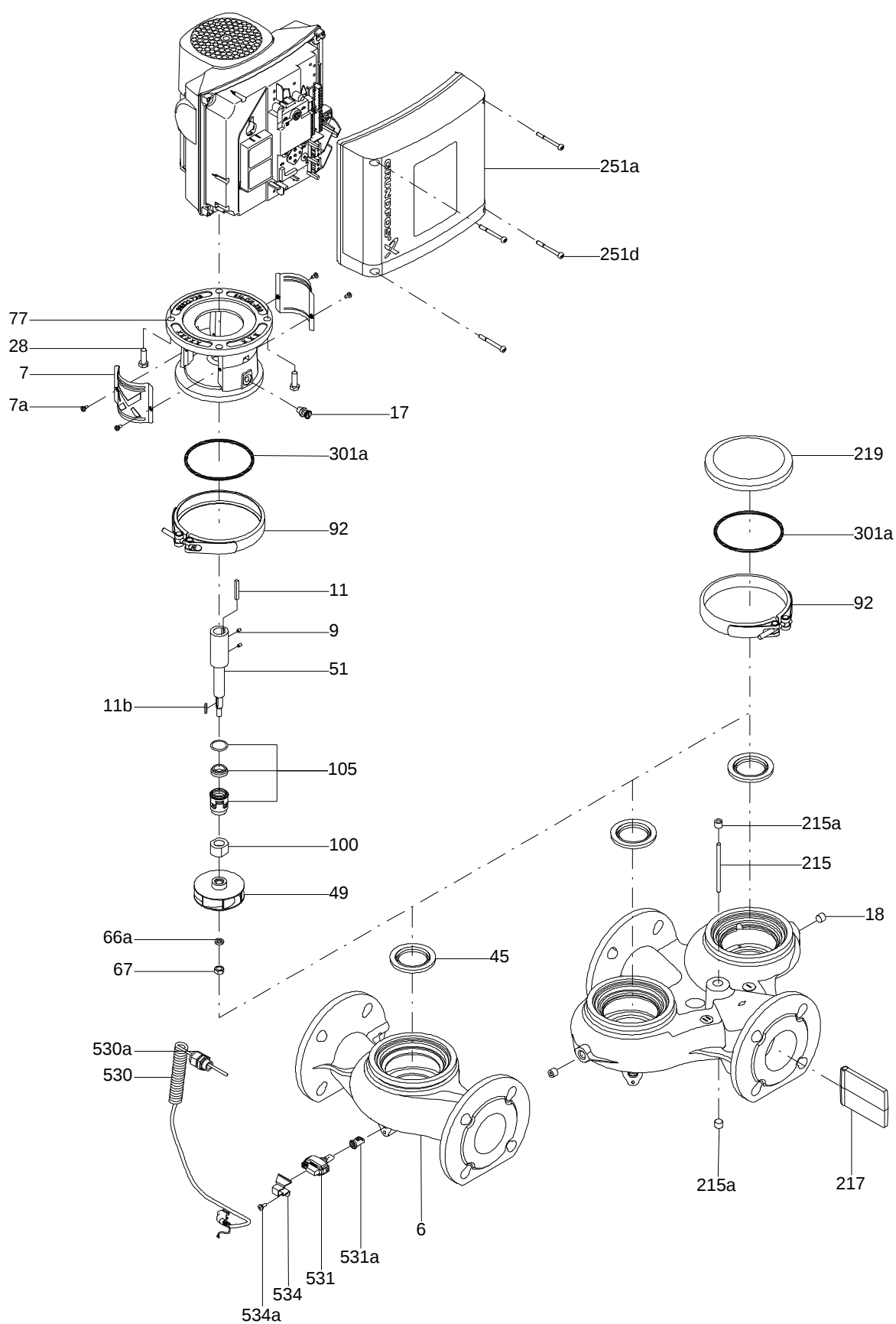


On request CRK 4-160/16 A-W-A-AUUV 50 Hz

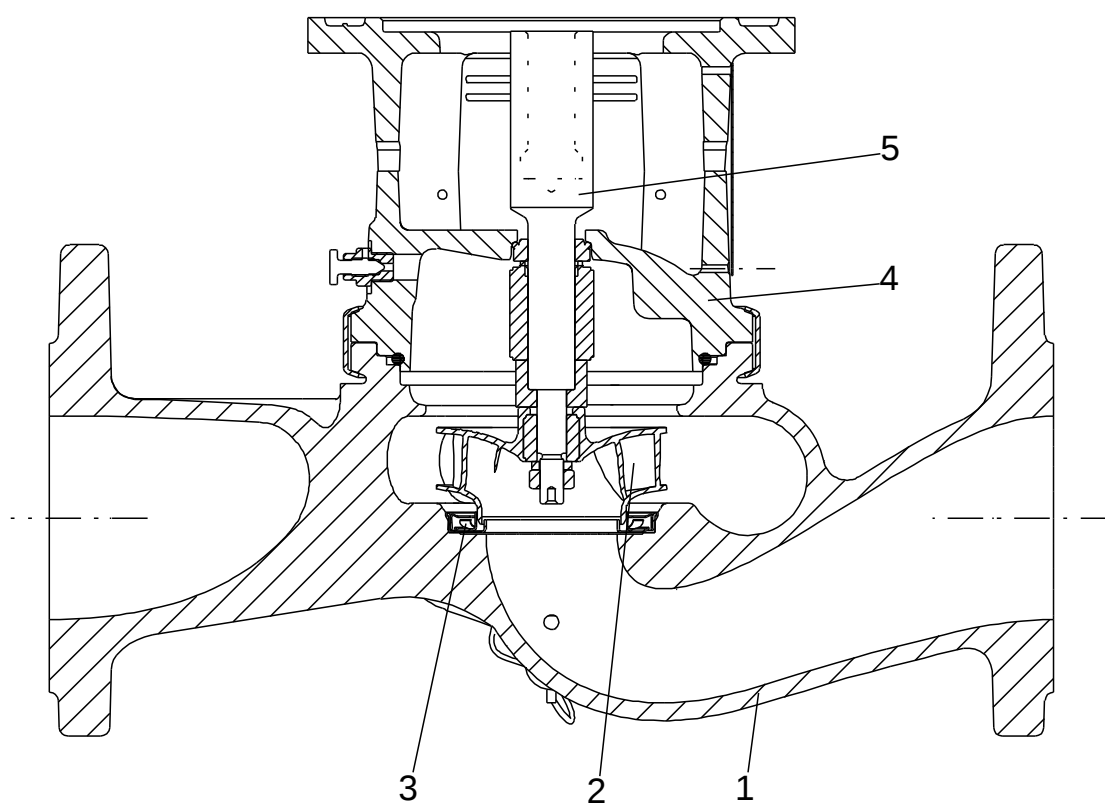


Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

Exploded view

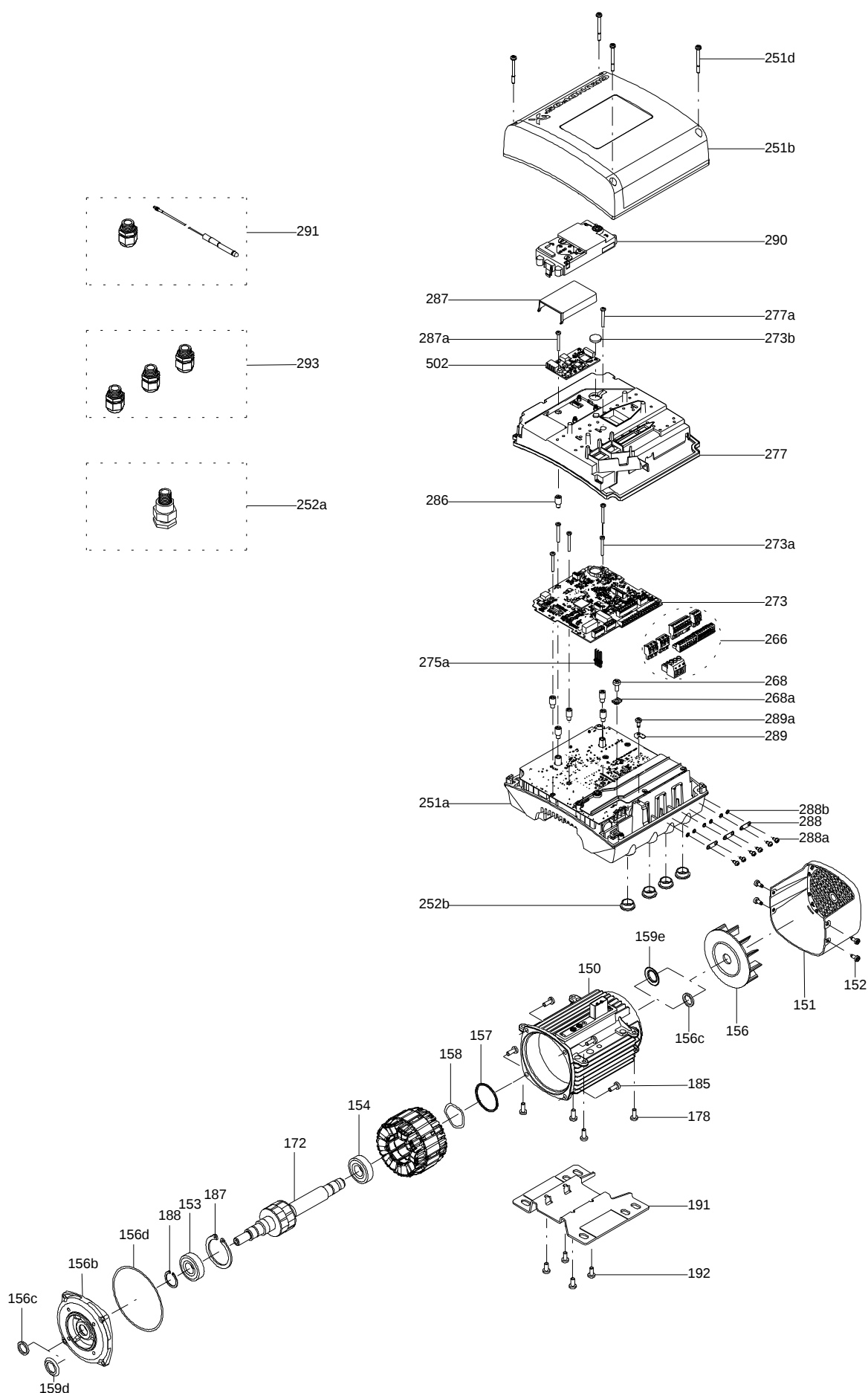


Sectional drawing (TM058200 for TPE2,TPE3)



TM058200

Exploded view (TM057026 for MGE model H/I)



Parts list CRK 4-160/16, Product No. On request
Valid from 28.9.2012 (1239)

Pos	Description	Annotation	Données de classification	Référence	Quantité	Unité
+ 2	Pump head				1	pcs
2k	Adapter flange				1	pcs
3	Top intermediate chamber				1	pcs
- 4	Intermediate chamber cpl.				12	pcs
	Chamber w/o guide vanes				1	
45	Neck ring				1	
65	Retainer for seal ring				1	
- 4a	Intermediate chamber cpl.				3	pcs
	Chamber w/o guide vanes				1	
45	Neck ring				1	
65	Retainer for seal ring				1	
- 5a	Chamber, bottom				1	pcs
3a	Intermediate chamber				1	
+ 7	Coupling guard				2	pcs
7.a	Combi Slot Torx screw				4	pcs
9	Hex socket head cap screw		Designation: DIN 912 Length (mm): 25 Thread: M8		4	pcs
10	Shaft pin		Diameter: 5 Length (mm): 26		1	pcs
10a	Coupling half				2	pcs
26	Strap cpl.				4	pcs
28	Hex head screw		Length (mm): 20 Thread: M8		4	pcs
36	Lock nut				4	pcs
37	O-ring				1	pcs
37.a	O-ring				1	pcs
47a	Bearing ring, rotating		Internal diameter: 13,10 Outer diameter: 15,92 Length (mm): 11,00 Material type: TUNGSTEN CARBIDE		3	pcs
49	Impeller cpl.				16	pcs
- 51	Pump shaft cpl.		Diameter: 12 Length (mm): 571		1	pcs
	Pump shaft				1	
62	Retaining ring				1	
61	Spacer for shaft seal				1	pcs
64a	Spacing pipe		Internal diameter: 13 Outer diameter: 15 Length (mm): 15		3	pcs
66	Wedge lock washer				1	pcs
66a	Washer		Internal diameter: 10,5 Outer diameter: 21 Thickness: 2,00		4	pcs
67	Lock nut		Designation: A2 DIN985 Thread: M8		1	pcs
69	Spacing pipe		Length (mm): 26,0		12	pcs
69a	Spacing pipe		Internal diameter: 12,7 Outer diameter: 15 Length (mm): 45MM		1	pcs
76	Nameplate				1	pcs
76a	Rivet				2	pcs
84	Strainer				1	pcs
84.b	Combi Slot Torx screw				1	pcs
84c	Disc spring				1	pcs
105	Shaft seal		Material type: BUBV		1	pcs
- 121	Retainer for strainer cpl.				1	pcs
	Retainer for strainer				1	
85	Strainer				1	

Pos	Description	Annotation	Données de classification	Référence	Quantité	Unité
- 122	Priming screw				1	pcs
	Priming screw				1	
	Spacer				1	

Disclaimer: The information about the Grundfos pump in this document may be outdated.

Data may be subject to alterations without further notice.

Please contact us to verify the data above is still accurate/up-to-date.

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info@lenntech.com

<https://www.lenntech.com>

tel. +31 152 610 900

fax. +31 152 616 289