DPK pumps

0.75 - 22 kW

50 Hz

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Table of contents

1. Introduction

This data booklet describes the Grundfos DPK drainage pumps.

TM06 9173 1817

Fig. 1 DPK pumps for free-standing installation

The pumps are designed with semi-open or SuperVortex, free-flow impeller, for use in a wide range of applications in industrial and construction sites.

The pumps are made of resistant materials, such as cast iron and high-chrome stainless steel. These materials ensure proper operation.

The pumps are fitted with 2-pole motors from 0.75 kW to 22.0 kW.

The DPK.V pumps are fitted with 2- and 4-pole motors from 1.5 to 7.5 kW.

The free passage in the DPK pumps is 10-20 mm. For DPK.V pumps, the free passage is 65-80 mm.

The pumps are available for two installation types:

- free-standing, submerged installation
- submerged installation on auto-coupling system.

Applications

DPK pumps are ideal for transferring the following liquids:

- drainage water
- surface water
- groundwater
- water containing abrasives.

DPK.V pumps are ideal for transferring the following liquids:

- effluent
- screened sewage.

DPK pumps are used in mining sites, building services, basement garages, construction sites, low-lying rainwater catchment areas, processing industry.

Design features

DPK pumps are designed with double mechanical seals positioned in the oil chamber to ensure trouble-free operation.

DPK pumps up to 2.2 kW are supplied with ring stand.

3.0 kW and larger DPK pumps are supplied without ring stand.

DPK.V pumps are supplied without a ring stand. Ring stand, elbow or auto coupling for these pumps must be ordered as accessories.

The pumps can be installed as single pumps or be part of multi-pump installations.

If required, the impeller diameter can be reduced to match a specific duty point.

Outlet connection

As standard, DPK pumps have no outlet connection. Various outlet connections are available on request. For further information, see *Variants* on page 10, and *Accessories* on page 62.

The pump outlet is available with auto coupling (ADC-T) or outlet elbow as a variant.

The following sections give further design details on the DPK and DPK.V pumps.

DPK

- Watertight cable entry prevents water from penetrating into the motor.
- 19 and 22 kW pumps have a triple cable entry system, including a rubber ring and a rubber diaphragm. To ensure waterproof operation, the rubber diaphragm is filled with epoxy.
- No extra cable is required for sensors.
- PTO and Klixon 17AM thermal switches for thermal protection.
- Seal sensor for continuous monitoring of motor enclosure for liquid detection, except for the following models:
  DPK.x.x.075.x.x
  DPK.x.x.15.x.x
  DPK.x.x.22.x.x
  DPK.x.x.30.x.x
  DPK.x.x.37.x.x.
- Ductile cast-iron impeller for high and stable performance.
- Double mechanical shaft seal (SiC-SiC) for heavy-duty conditions.
- High-efficiency motor for high and stable performance and low operating costs.

DPK.V

- SuperVortex impeller in non-clogging design, ideal for liquids with high content of solids, fibres or gassy sludge.
- Watertight cable entry preventing water from penetrating into the motor.
- No extra cable is required for sensors.
- Bimetallic thermal switch for motor overheating detection.
- Seal sensor for continuous monitoring of motor enclosure for liquid detection, except for the following models:
  DPK.V.65.80.15.X.X
  DPK.V.65.80.22.X.X
  DPK.V.80.80.37.X.X.
- Ductile cast-iron or stainless steel impeller for high and stable performance.
- Double mechanical shaft seal (SiC-SiC) for heavy-duty conditions.
- High-efficiency motor for high and stable performance and low operating costs.

2. Identification

Nameplate

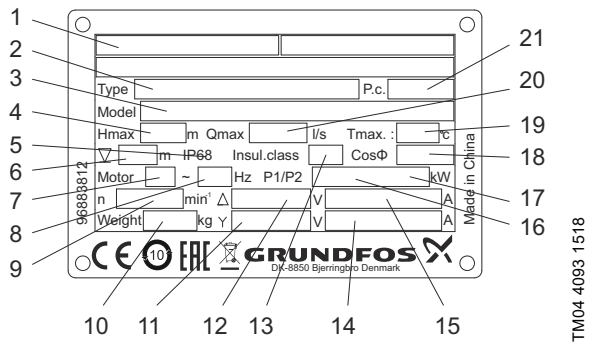


Fig. 2 DPK nameplate

Pos.	Description
1	Notified body
2	Type designation
3	Product number and serial number
4	Maximum head [m]
5	Enclosure class
6	Maximum installation depth [m]
7	Number of phases
8	Frequency [Hz]
9	Speed [min^{-1}]
10	Weight [kg]
11	Rated voltage [V], star connection
12	Rated voltage [V], delta connection
13	Insulation class
14	Rated current [A], star connection
15	Rated current [A], delta connection
16	Motor input power P1 [kW]
17	Motor output power P2 [kW]
18	Power factor
19	Maximum liquid temperature [°C]
20	Maximum flow [m^3/h]
21	Production code [year/week]

Type key

Note: Pumps are not available in all variants.

DPK

Example: DPK.V.65.80.22.S.4.5.0D.Z

Code	Description	Explanation
DPK	Drainage pump	Pump type
[ ]	Single-channel, semi-open impeller	Impeller type
V	SuperVortex impeller	
65	Maximum solids size [mm]	Free passage
80	Nominal outlet diameter	Pump outlet
22	Output power P2 / 10 22 = 2.2 kW	Power [kW]
[ ]	Standard	Equipment
S	Sensor*	
2	2-pole	No. of poles (DPK.V only)
4	4-pole	
5	50 Hz	Frequency [Hz]
0D	380-415 V, DOL	Voltage and starting method
1D	380-415 V, Y/D	
0E	220-240 V, DOL	
1E	220-240 V, Y/D	
Z	Custom-built variant	Customisation

* Only for 0.75 to 3.7 kW, except for 3.0 kW.

3. Product selection

Ordering a pump

Prior to ordering a pump, consider the following:

- pump type
- custom-built variant (option)
- accessories
- controller
- installation type
- outlet connection type.

Application	DPK	DPK.V
Groundwater	●	-
Drainage and surface water	●	-
Effluent	-	●
Screened sewage	-	●
Drainage and surface water with small impurities	●	-
Industrial process water without solids and fibres	●	-
Industrial process water with small solids and fibres	-	●

Once the pump type is selected, the most suitable pump can be identified. See sections *Product range*, on page 9 and *Type key* on page 5. The list below shows a detailed description of an ordered product:

Pump	Product number
DPK.10.50.075.5.0D	96884078

- Pump as specified in the type key.
- 10 m cable.
- Paint: NCS S9000-N (black), gloss code 35, thickness 100 µm.
- Bimetallic thermal switch for motor overheating detection.
- Tested according to ISO 9906:2012, grade 3B.

DPK pumps up to 2.2 kW are supplied with ring stand for free-standing installation. 3.0 kW and larger DPK pumps are supplied without ring stand. For these pumps, ring stand, elbow or auto coupling must be ordered as accessories.

Note: As standard, DPK pumps have no outlet connection. If an installation connection is required, order an adapter, e.g. a DIN or JIS-ANSI outlet elbow, see section *Accessories* on page 62.

For selection of a standard pump, see section *Performance curves and technical data* on page 39.

Note: Product specific data can be found in Grundfos Product Center (GPC) at www.grundfos.com.

Custom-built variants

The pumps can be customised to meet individual requirements. Several pump features and options are available for customisation, such as voltage, various cable lengths and special materials.

For an overview, see *Variants* on page 10. For requirements or designs not mentioned in the table, contact Grundfos.

Accessories

Depending on the installation type, accessories may be required. For selection of the correct accessories, see section *Accessories* on page 62.

Note: Accessories are not fitted.

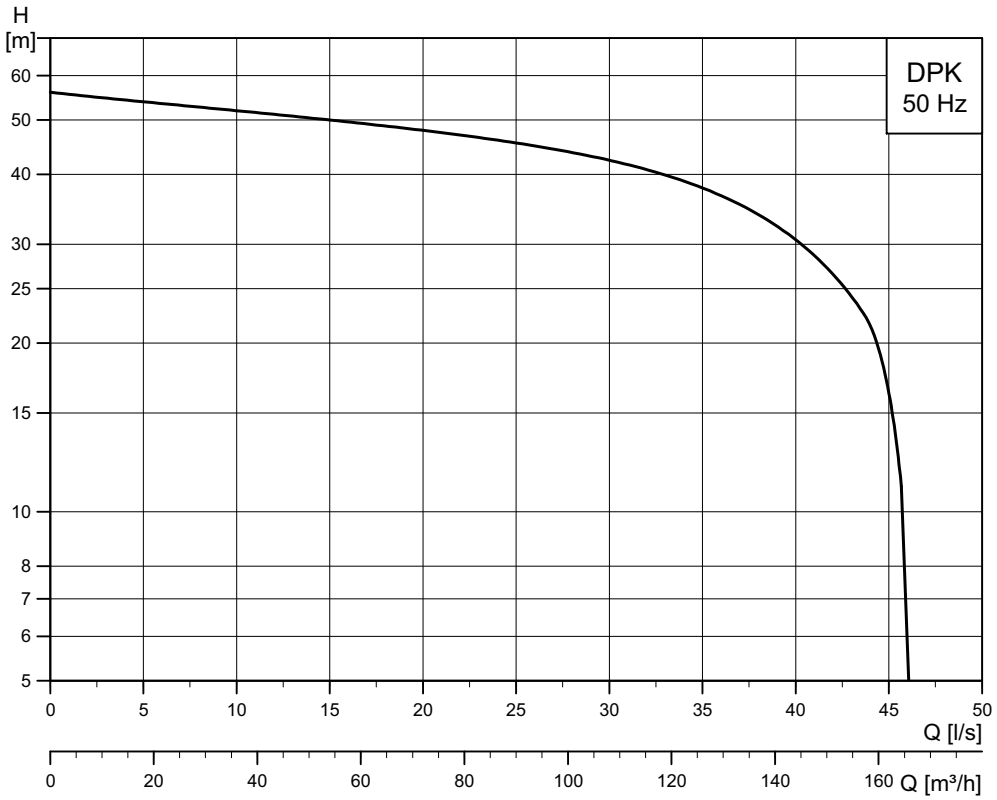
Monitoring units and controllers

The following monitoring units and controllers are available:

- GU01 (control system)
- GU02 (control system)
- LC 231 level controller with integrated motor protection
- LC/241 level controller, a cabinet solution allowing setup customisation.

4. Performance range

Performance ranges



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Performance range, DPK

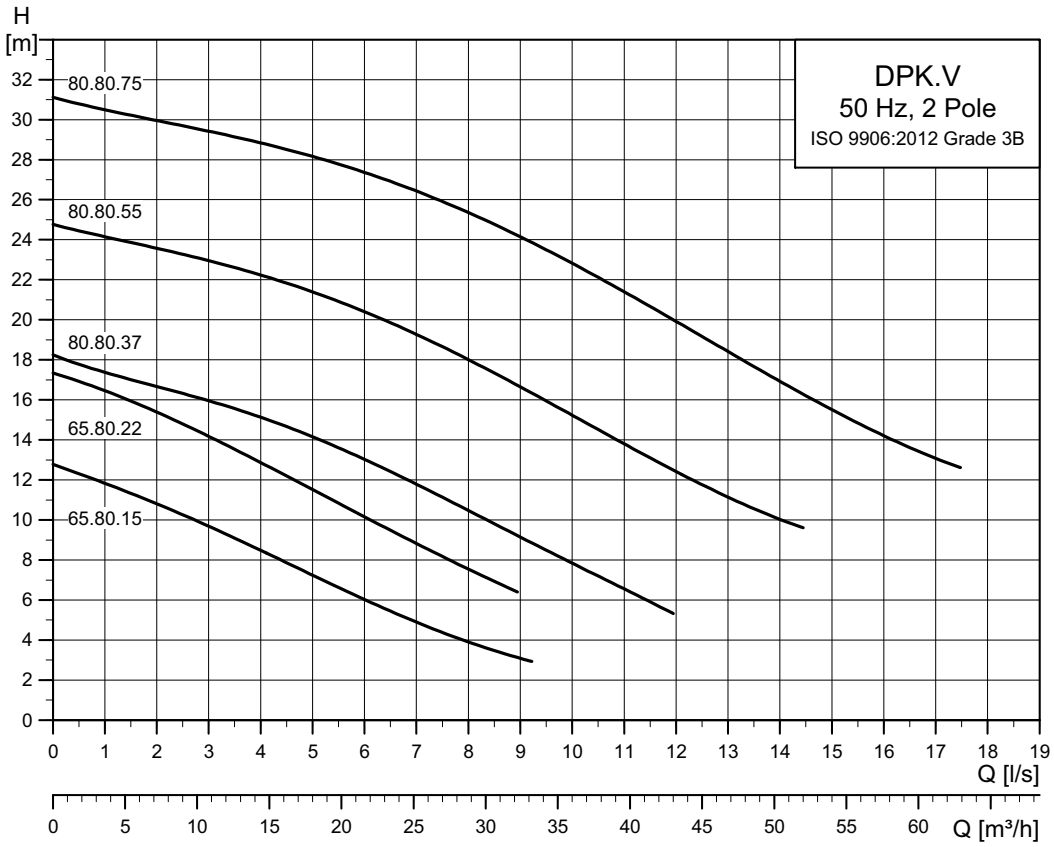

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Fig. 3 Performance range, DPK.V, 2-pole

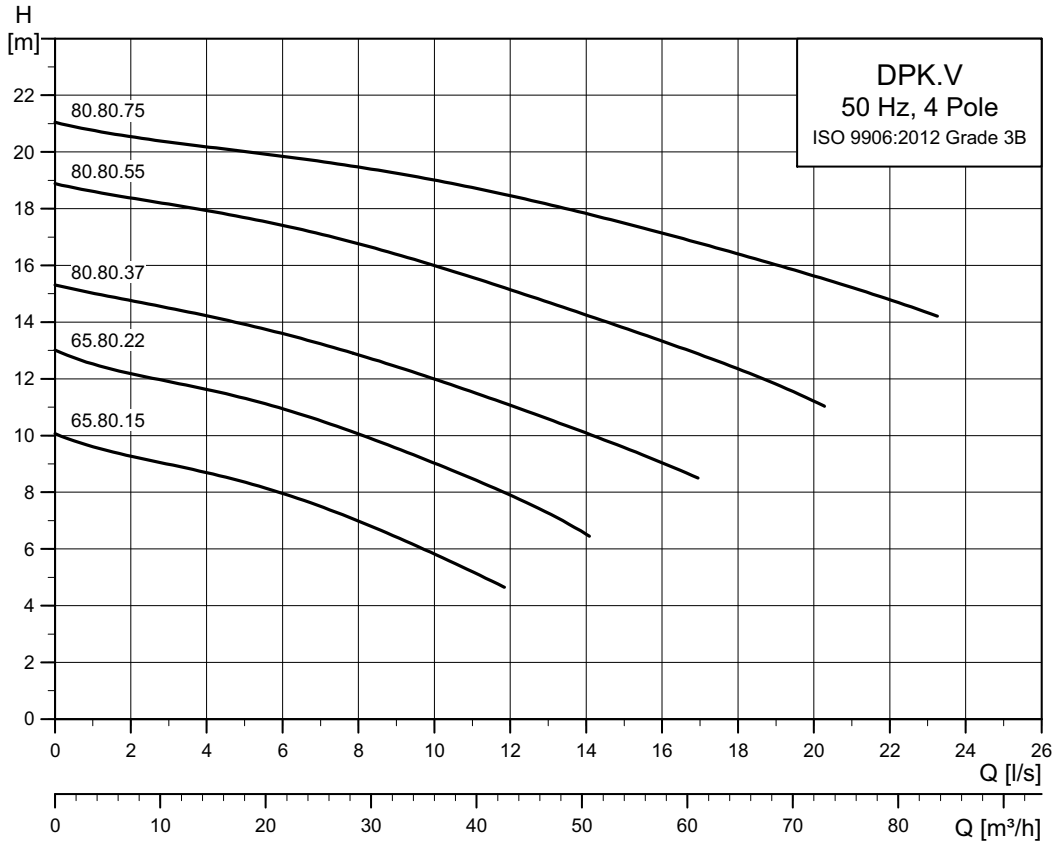

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Fig. 4 Performance range, DPK.V, 4-pole

5. Product range

DPK

Pump type	Voltage	Starting method	Thermal protection	Impeller type	Product number
DPK.10.50.075.5.0D	3 × 380-415 V Y	DOL	PTO	Semi-open	96884078
DPK.10.50.075.5.0E	3 × 220-240 V D	DOL	PTO	Semi-open	96884079
DPK.10.50.15.5.0D	3 × 380-415 V Y	DOL	PTO	Semi-open	96884080
DPK.10.50.15.5.0E	3 × 220-240 V D	DOL	PTO	Semi-open	96884081
DPK.10.80.22.5.0D	3 × 380-415 V Y	DOL	PTO	Semi-open	96884112
DPK.10.80.22.5.0E	3 × 220-240 V D	DOL	PTO	Semi-open	96884113
DPK.15.80.30.5.0D	3 × 380-415 V Y	DOL	PTO	Semi-open	99478794
DPK.15.80.30.5.0E	3 × 220-240 V D	DOL	PTO	Semi-open	99478798
DPK.15.80.37.5.0D	3 × 380-415 V Y	DOL	PTO	Semi-open	96884114
DPK.15.80.37.5.0E	3 × 220-240 V D	DOL	PTO	Semi-open	96884115
DPK.15.80.55.5.0D	3 × 380-415 V Y	DOL	PTO	Semi-open	96884086
DPK.15.80.55.5.0E	3 × 220-240 V D	DOL	PTO	Semi-open	96884087
DPK.15.80.55.5.1D	3 × 380-415 V Y	Y/D	PTO	Semi-open	96926030
DPK.15.80.55.5.1E	3 × 220-240 V D	Y/D	PTO	Semi-open	96926031
DPK.15.100.75.5.0D	3 × 380-415 V Y	DOL	PTO	Semi-open	96884088
DPK.15.100.75.5.0E	3 × 220-240 V D	DOL	PTO	Semi-open	96884089
DPK.15.100.75.5.1D	3 × 380-415 V Y	Y/D	PTO	Semi-open	96926032
DPK.15.100.75.5.1E	3 × 220-240 V D	Y/D	PTO	Semi-open	96926033
DPK.20.100.110.5.0D	3 × 380-415 V Y	DOL	PTO	Semi-open	96884090
DPK.20.100.110.5.0E	3 × 220-240 V D	DOL	PTO	Semi-open	96884091
DPK.20.100.110.5.1D	3 × 380-415 V Y	Y/D	PTO	Semi-open	96926034
DPK.20.100.110.5.1E	3 × 220-240 V D	Y/D	PTO	Semi-open	96926035
DPK.20.100.150.5.0D	3 × 380-415 V Y	DOL	PTO	Semi-open	96884092
DPK.20.100.150.5.0E	3 × 220-240 V D	DOL	PTO	Semi-open	96884116
DPK.20.100.150.5.1D	3 × 380-415 V Y	Y/D	PTO	Semi-open	96926036
DPK.20.100.150.5.1E	3 × 220-240 V D	Y/D	PTO	Semi-open	96926037
DPK.20.150.190.5.1D	3 × 380-415 V D	Y/D	Klixon 17AM	Semi-open	96884093
DPK.20.150.190.5.1E	3 × 220-240 V D	Y/D	Klixon 17AM	Semi-open	96884117
DPK.20.150.220.5.1D	3 × 380-415 V D	Y/D	Klixon 17AM	Semi-open	96884094
DPK.20.150.220.5.1E	3 × 220-240 V D	Y/D	Klixon 17AM	Semi-open	96884118

DPK.V

Pump type	Voltage	Starting method	Thermal protection	Impeller type	Product number
DPK.V.65.80.15.2.5.0D	3 × 380-415 V Y	DOL	PTO	SuperVortex	98913685
DPK.V.65.80.15.2.5.0E	3 × 220-240 V D	DOL	PTO	SuperVortex	98913686
DPK.V.65.80.15.4.5.0D	3 × 380-415 V Y	DOL	PTO	SuperVortex	98946548
DPK.V.65.80.15.4.5.0E	3 × 220-240 V D	DOL	PTO	SuperVortex	98946549
DPK.V.65.80.22.2.5.0D	3 × 380-415 V Y	DOL	PTO	SuperVortex	98913687
DPK.V.65.80.22.2.5.0E	3 × 220-240 V D	DOL	PTO	SuperVortex	98913688
DPK.V.65.80.22.4.5.0D	3 × 380-415 V Y	DOL	PTO	SuperVortex	98946550
DPK.V.65.80.22.4.5.0E	3 × 220-240 V D	DOL	PTO	SuperVortex	98946551
DPK.V.80.80.37.2.5.0D	3 × 380-415 V Y	DOL	PTO	SuperVortex	98803749
DPK.V.80.80.37.2.5.0E	3 × 220-240 V D	DOL	PTO	SuperVortex	98803750
DPK.V.80.80.37.4.5.0D	3 × 380-415 V Y	DOL	PTO	SuperVortex	98925411
DPK.V.80.80.37.4.5.0E	3 × 220-240 V D	DOL	PTO	SuperVortex	98925412
DPK.V.80.80.55.2.5.0D	3 × 380-415 V Y	DOL	PTO	SuperVortex	98803751
DPK.V.80.80.55.2.5.0E	3 × 220-240 V D	DOL	PTO	SuperVortex	98803752
DPK.V80.80.55.2.5.1D	3 × 380-415 V Y	Y/D	PTO	SuperVortex	98803753
DPK.V.80.80.55.2.5.1E	3 × 220-240 V D	Y/D	PTO	SuperVortex	98803754
DPK.V.80.80.55.4.5.0D	3 × 380-415 V Y	DOL	PTO	SuperVortex	98925413
DPK.V.80.80.55.4.5.0E	3 × 220-240 V D	DOL	PTO	SuperVortex	98925414
DPK.V.80.80.55.4.5.1D	3 × 380-415 V Y	Y/D	PTO	SuperVortex	98925415
DPK.V.80.80.55.4.5.1E	3 × 220-240 V D	Y/D	PTO	SuperVortex	98925416
DPK.V.80.80.75.2.5.0D	3 × 380-415 V Y	DOL	PTO	SuperVortex	98803755
DPK.V.80.80.75.2.5.0E	3 × 220-240 V D	DOL	PTO	SuperVortex	98803756
DPK.V.80.80.75.2.5.1D	3 × 380-415 V Y	Y/D	PTO	SuperVortex	98803757
DPK.V.80.80.75.2.5.1E	3 × 220-240 V D	Y/D	PTO	SuperVortex	98803758
DPK.V.80.80.75.4.5.0D	3 × 380-415 V Y	DOL	PTO	SuperVortex	98925417
DPK.V.80.80.75.4.5.0E	3 × 220-240 V D	DOL	PTO	SuperVortex	98925418
DPK.V.80.80.75.4.5.1D	3 × 380-415 V Y	Y/D	PTO	SuperVortex	98925419
DPK.V.80.80.75.4.5.1E	3 × 220-240 V D	Y/D	PTO	SuperVortex	98925420

6. Variants

List of variants

Note: Not all variants are available for all type of pumps

Motor		
Various cable sizes	Cable length depends on motor size and main supply.	10 m
		15 m
		20 m
		25 m
		30 m
Special motor	Insulation class H (180 °C)	Contact Grundfos
	Temperature rise class B (80 °C)	Contact Grundfos
Special voltage		Contact Grundfos
Motor protection		
Motor winding (only for 19 and 22 kW)	1 × Pt100	Contact Grundfos
Seal sensor	1 × Electrode type	Contact Grundfos
Bearing sensor (only for 19 and 22 kW)	1 × Pt100 in lower bearing	Contact Grundfos
Material		
Impeller	Stainless steel 304, 316, 316L / Ductile cast iron A536-65-45-12 / Hi-Cr / Duplex SS grade 1A	Contact Grundfos
Inlet cover and pump casing (only for 19 and 22 kW)	Stainless steel 304, 316, 316L	Contact Grundfos
Coating (only for 19 and 22 kW)	According to EN 12944 IM2	Contact Grundfos
Motor shaft (only for 19 and 22 kW)	Stainless steel 410*	Contact Grundfos
Motor housing (only for 19 and 22 kW)	Stainless steel 304*	Contact Grundfos
Tests		
Test at specified duty point on standard impeller curve	ISO 9906:2012 grade 2B	
Additional test of entire QH curve		Contact Grundfos
Different test standard		Contact Grundfos
Witness test		Contact Grundfos
Other variants		Contact Grundfos

7. Design

Outlet connection

DPK pumps are available only with flange connection.

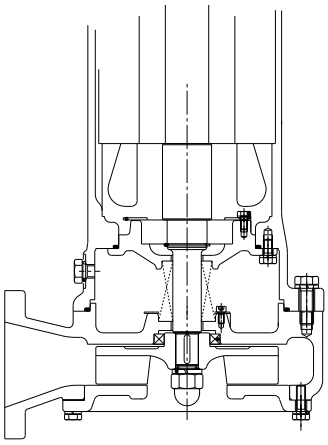

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Fig. 5 Outlet connection

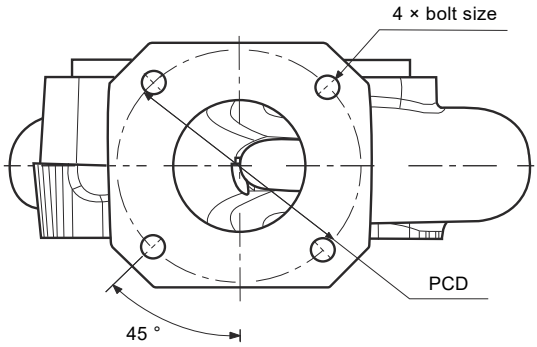

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Fig. 6 Discharge connection on pump housing

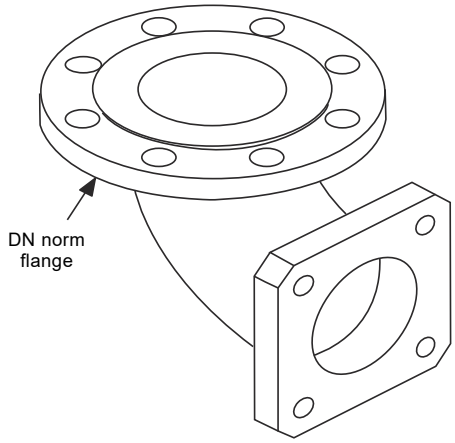

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Fig. 7 Flange connection on elbow

Outlet flange	Holes for bolts	PCD [mm]
DN 50	4 × M10	92
DN 80	4 × M12	130
DN 100	4 × M16	165
DN 150	4 × ∅ 23	230

Note: Discharge elbows needs to be ordered as a separate accessory.

Exploded views and sectional drawings

DPK

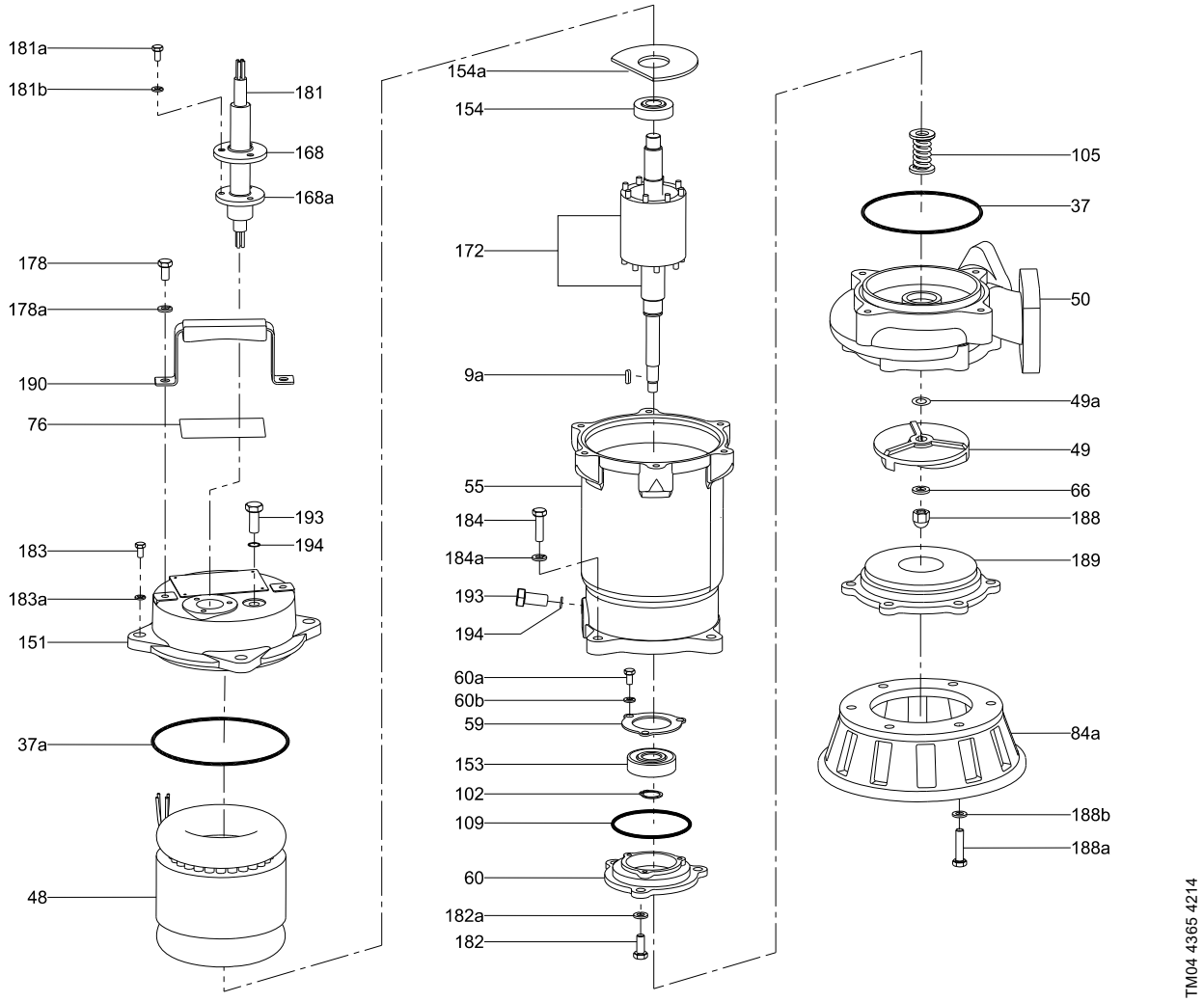


Fig. 8 Exploded view DPK.10.50.075, DPK.10.50.15 and DPK.10.80.22

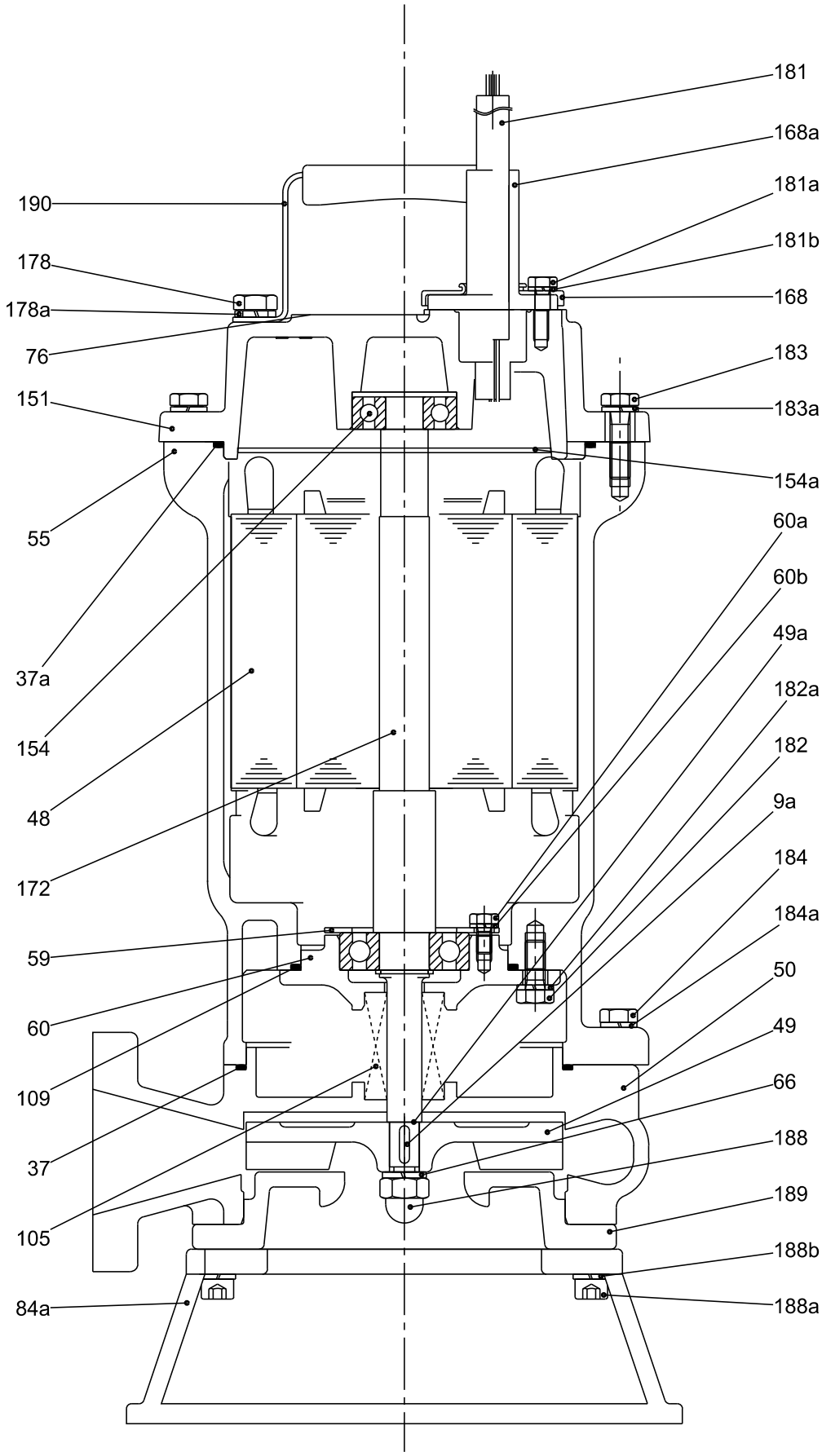


Fig. 9 Sectional drawing DPK.10.50.075 and DPK.10.50.15

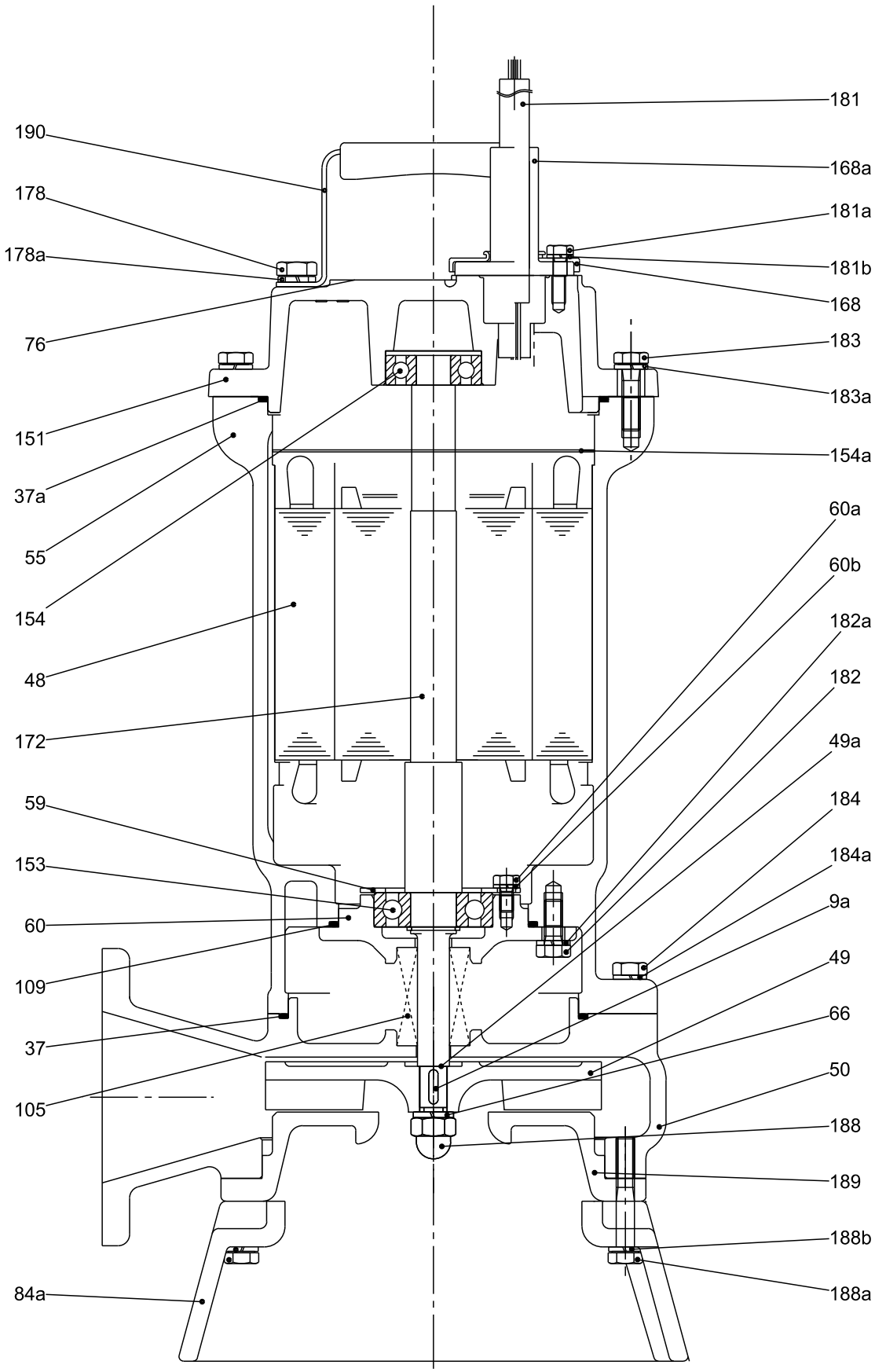


Fig. 10 Sectional drawing DPK.10.80.22

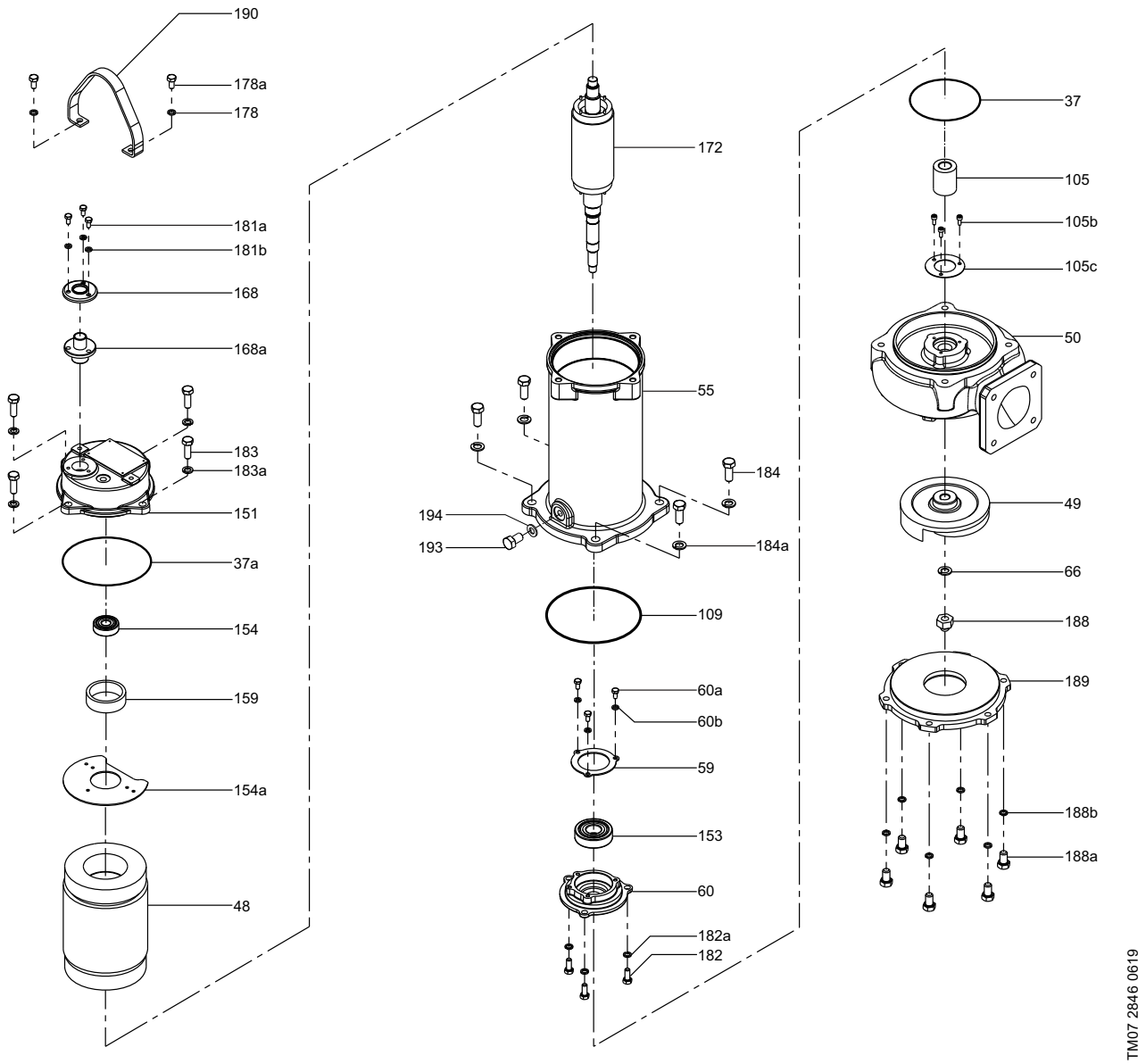


Fig. 11 Exploded view, DPK.15.80.30

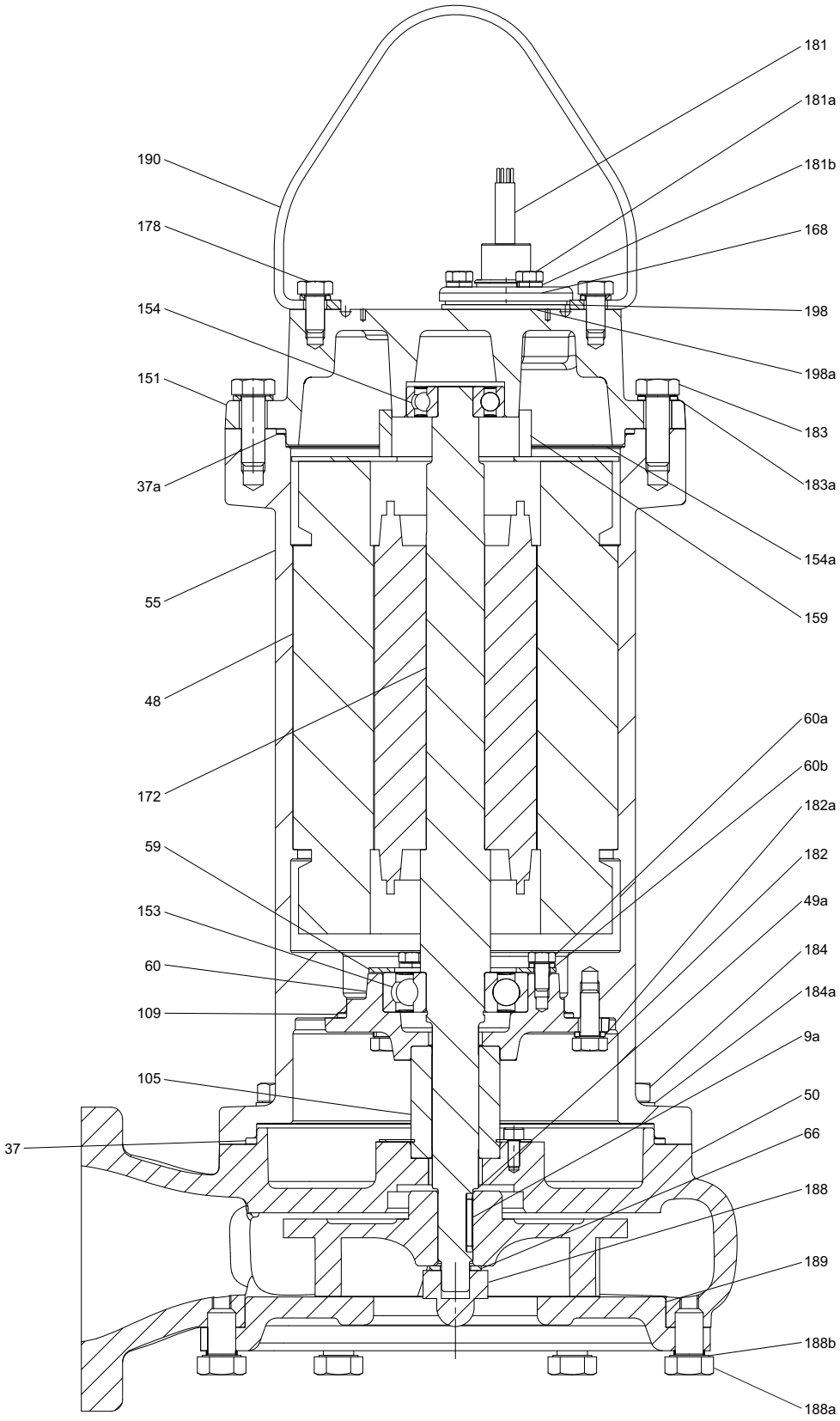


Fig. 12 Sectional drawing, DPK.15.80.30

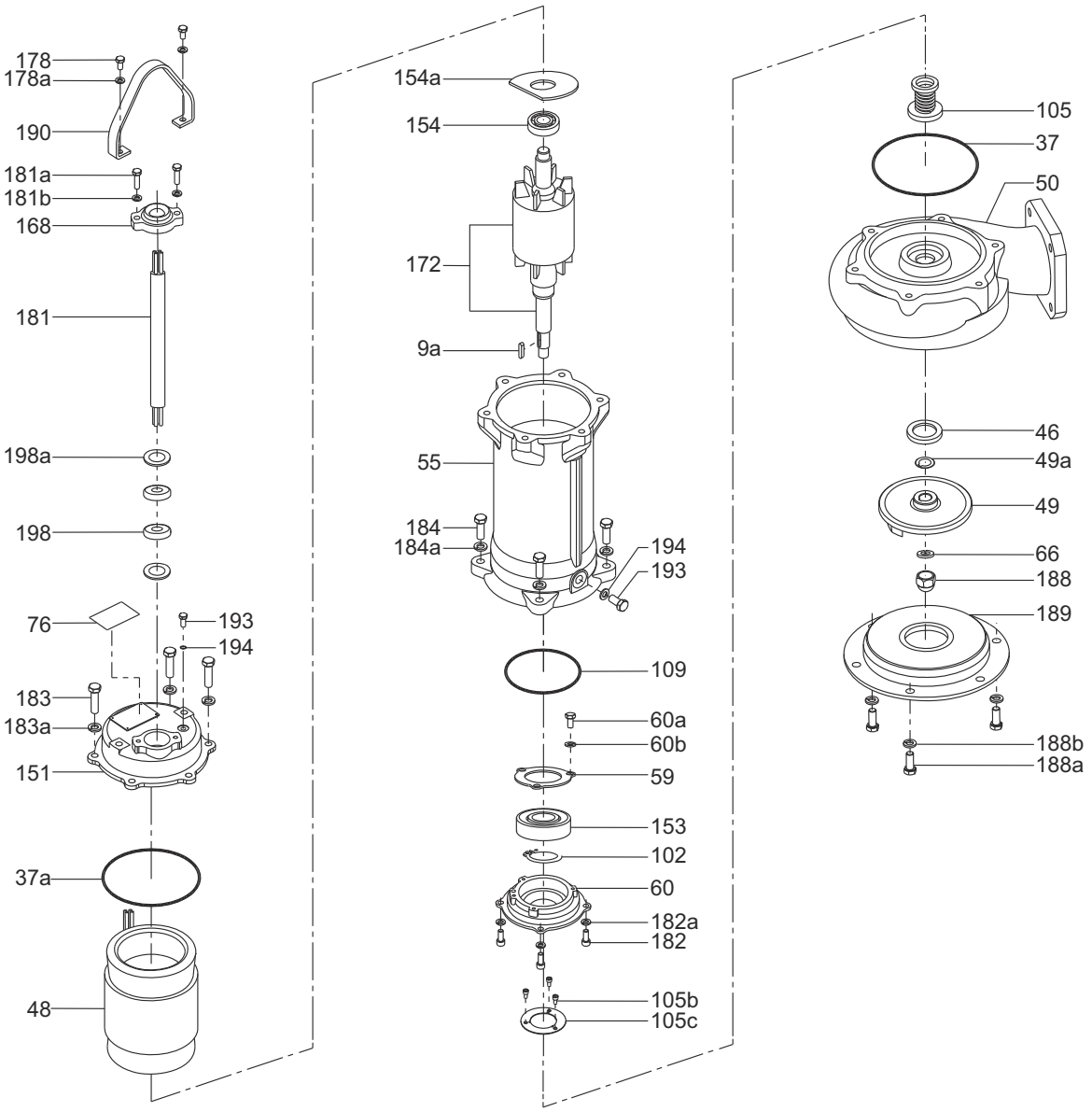


Fig. 13 Exploded view DPK.15.80.37, DPK.15.100.55, DPK.15.100.75, DPK.20.100.110 and DPK.20.100.150

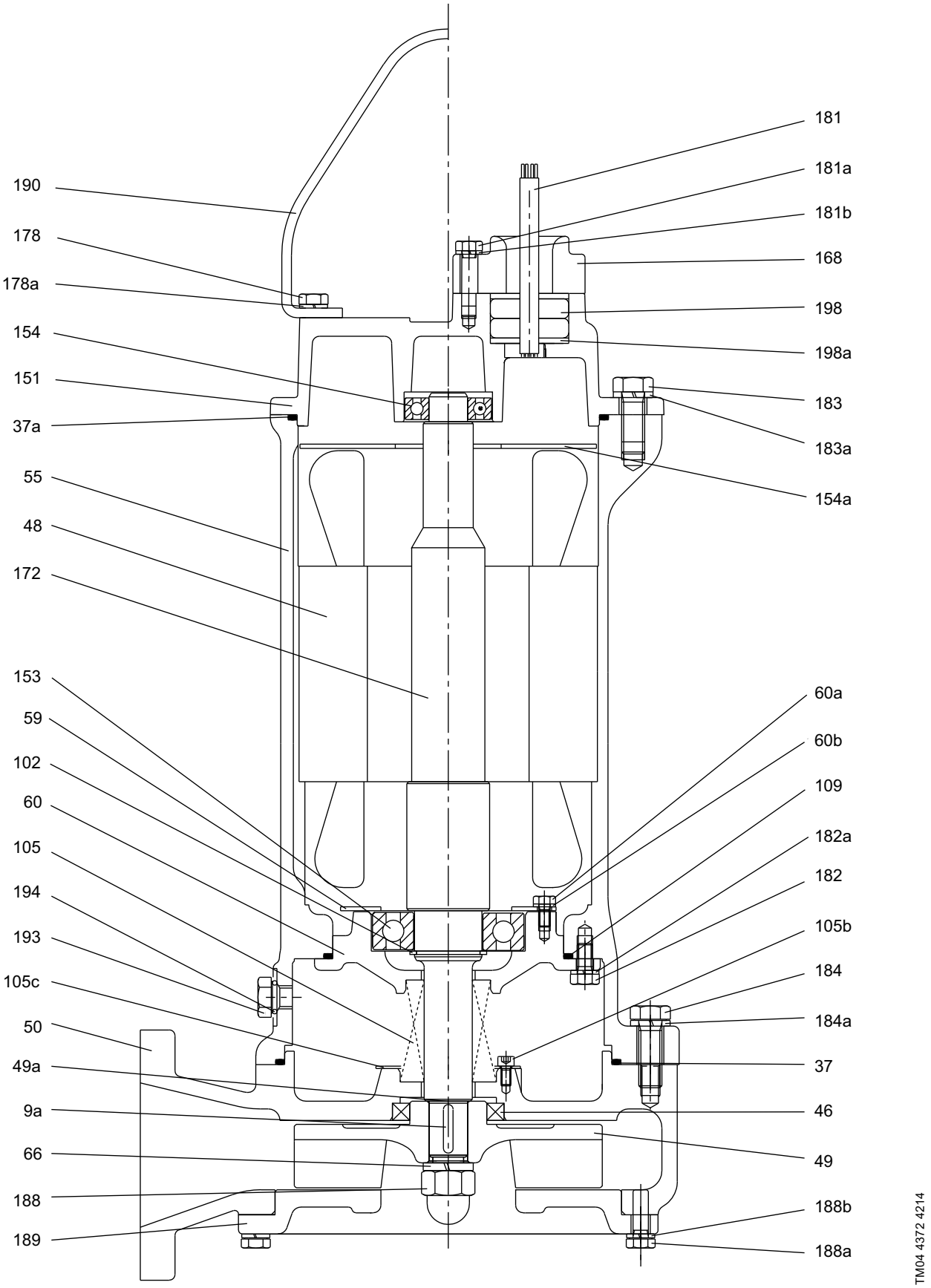


Fig. 14 Sectional drawing DPK.15.80.37

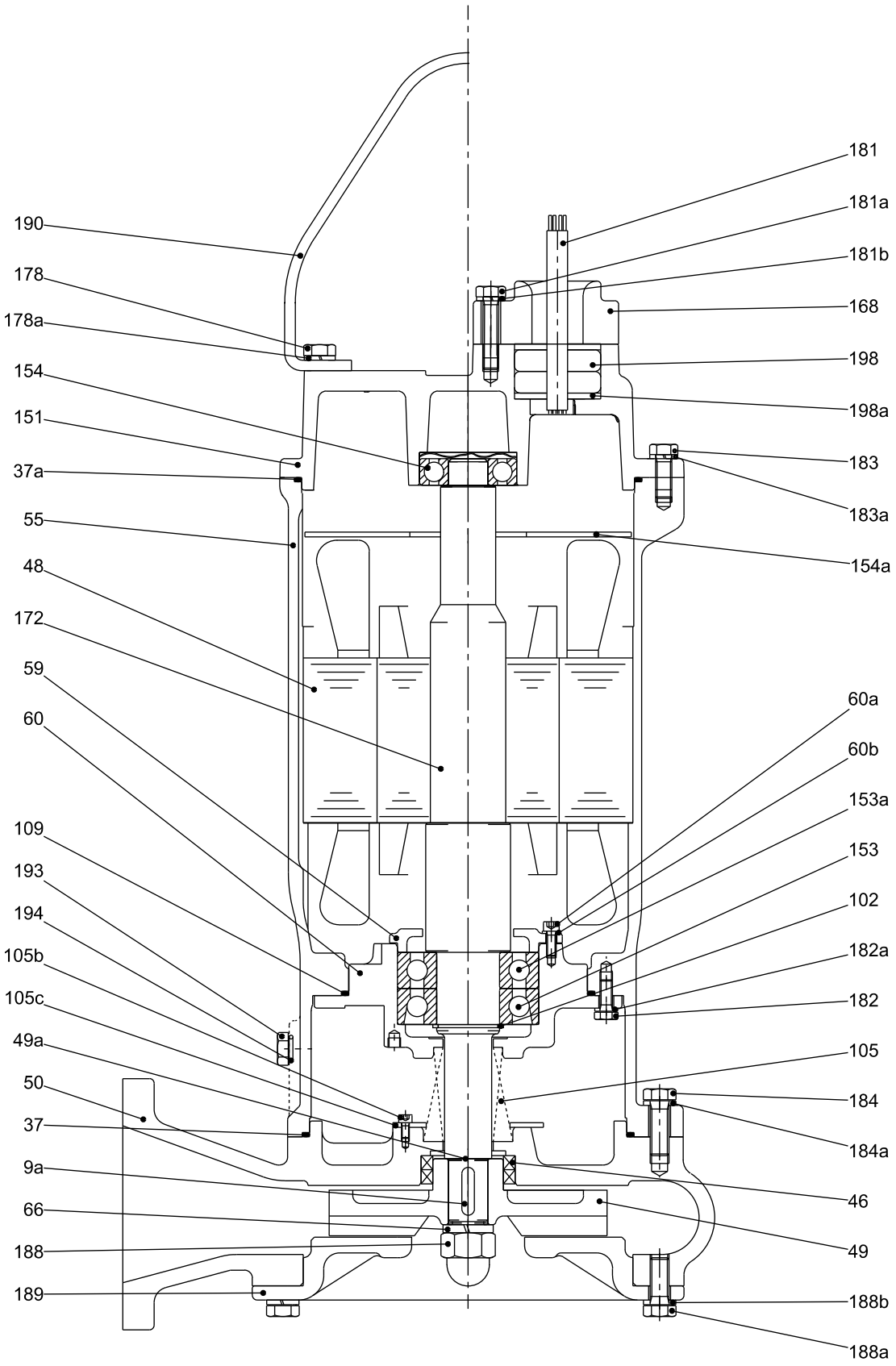


Fig. 15 Sectional drawing DPK.15.80.55 and DPK.15.100.75

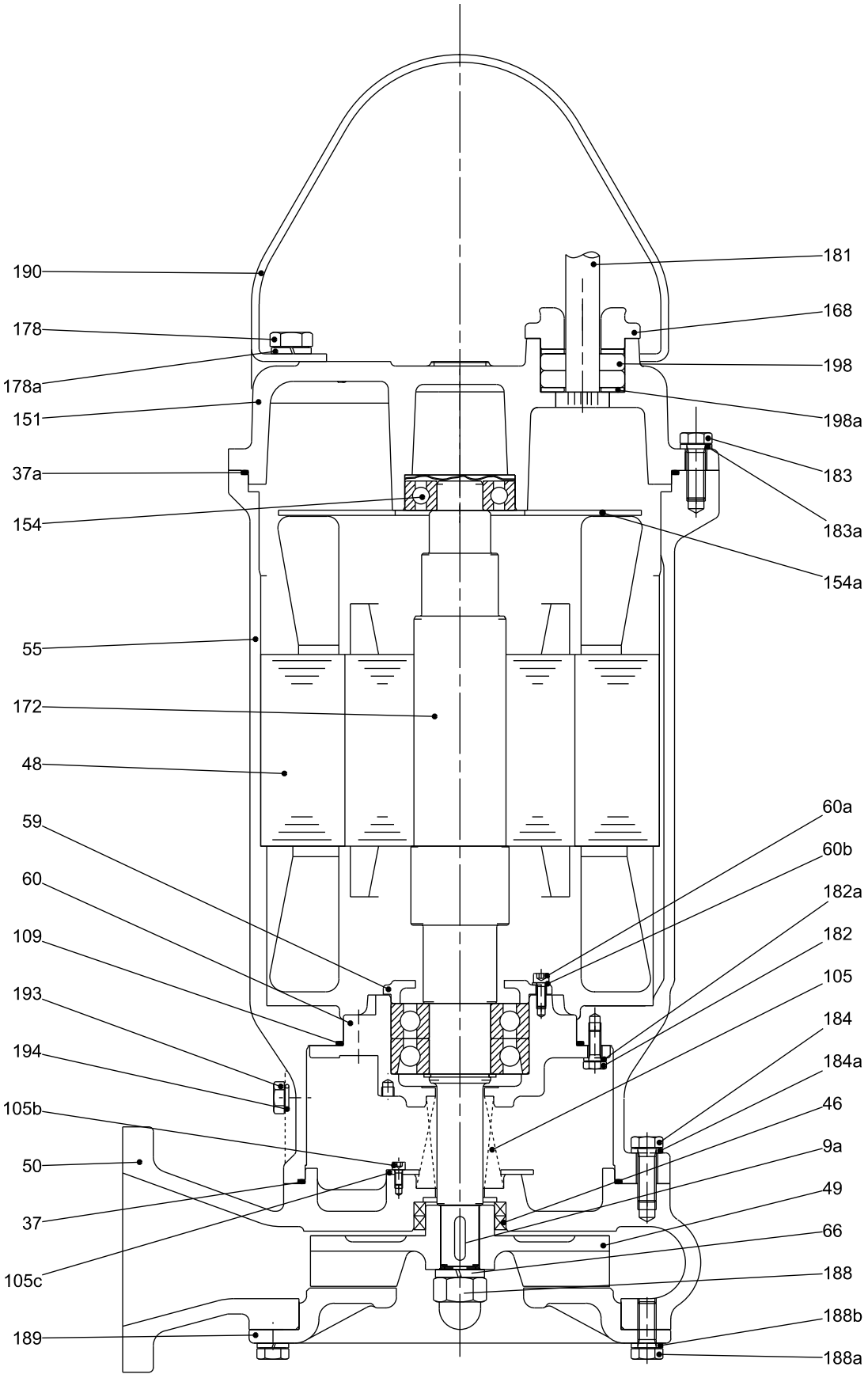


Fig. 16 Sectional drawing DPK.20.100.110 and DPK.20.100.150

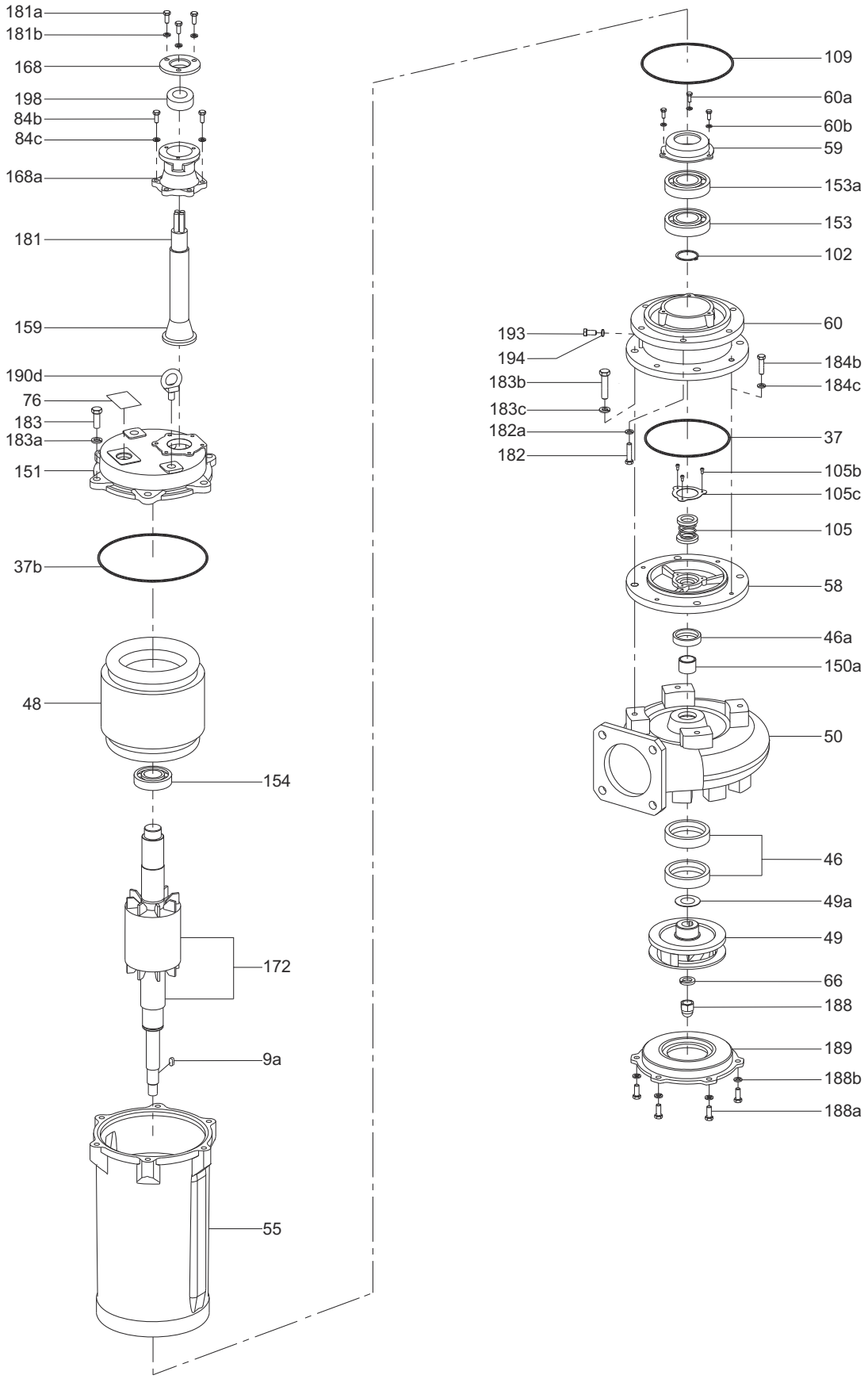


Fig. 17 Exploded view DPK.20.150.190 and DPK.20.150.220

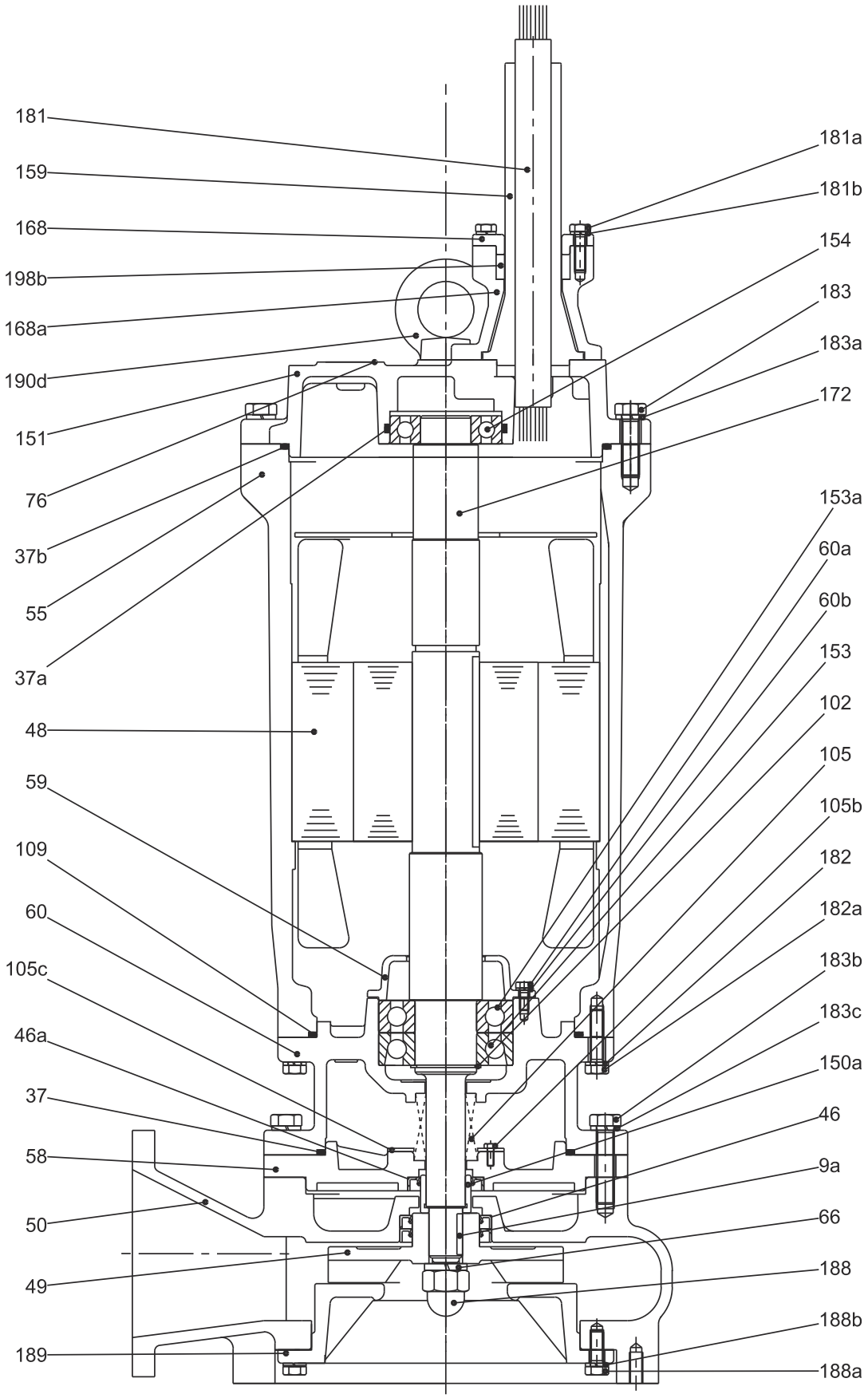


Fig. 18 Sectional drawing DPK.20.150.190 and DPK.20.150.220

DPK.V

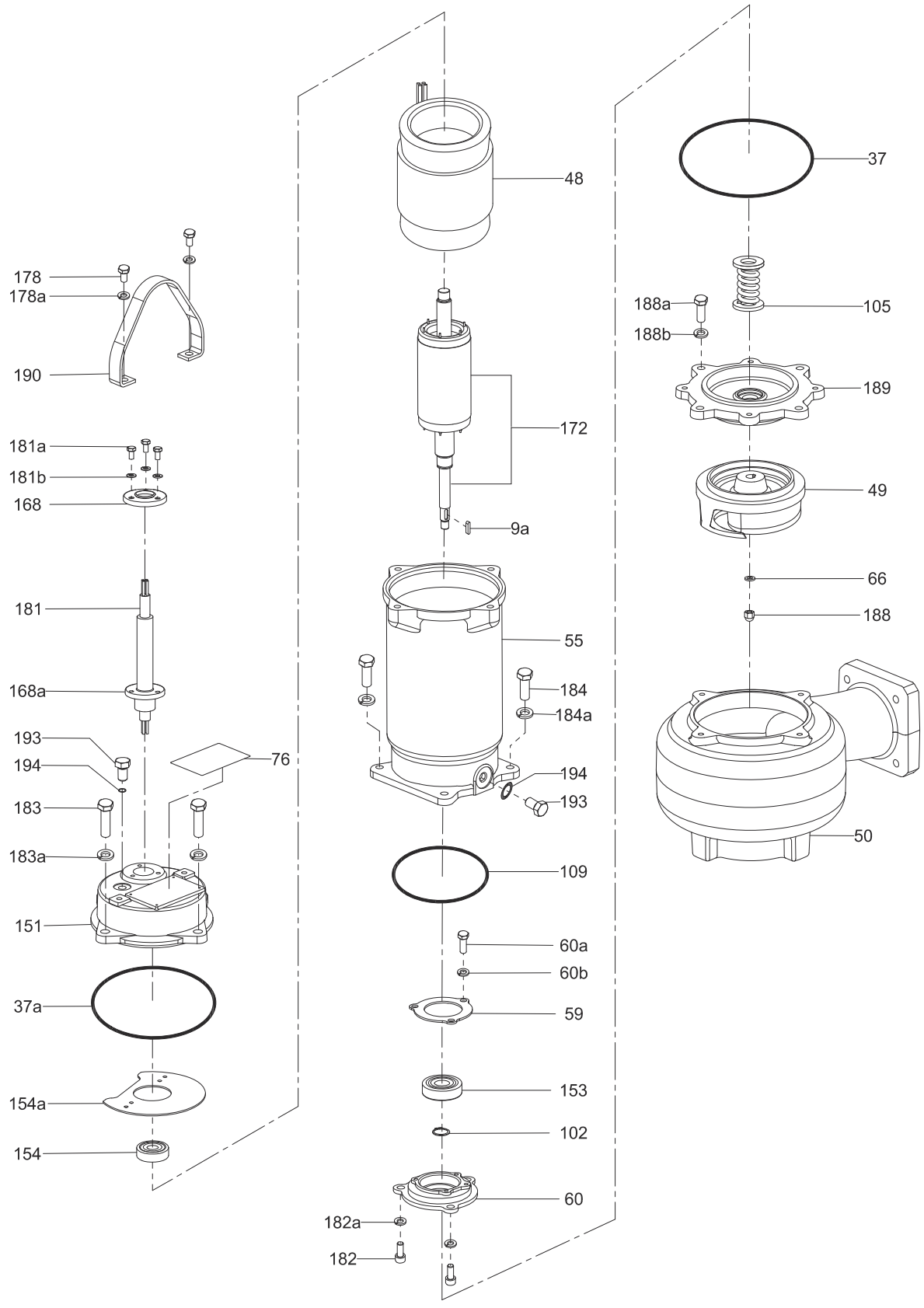


Fig. 19 Sectional view DPK.V.65.80.15.2 and DPK.V.65.80.22.2

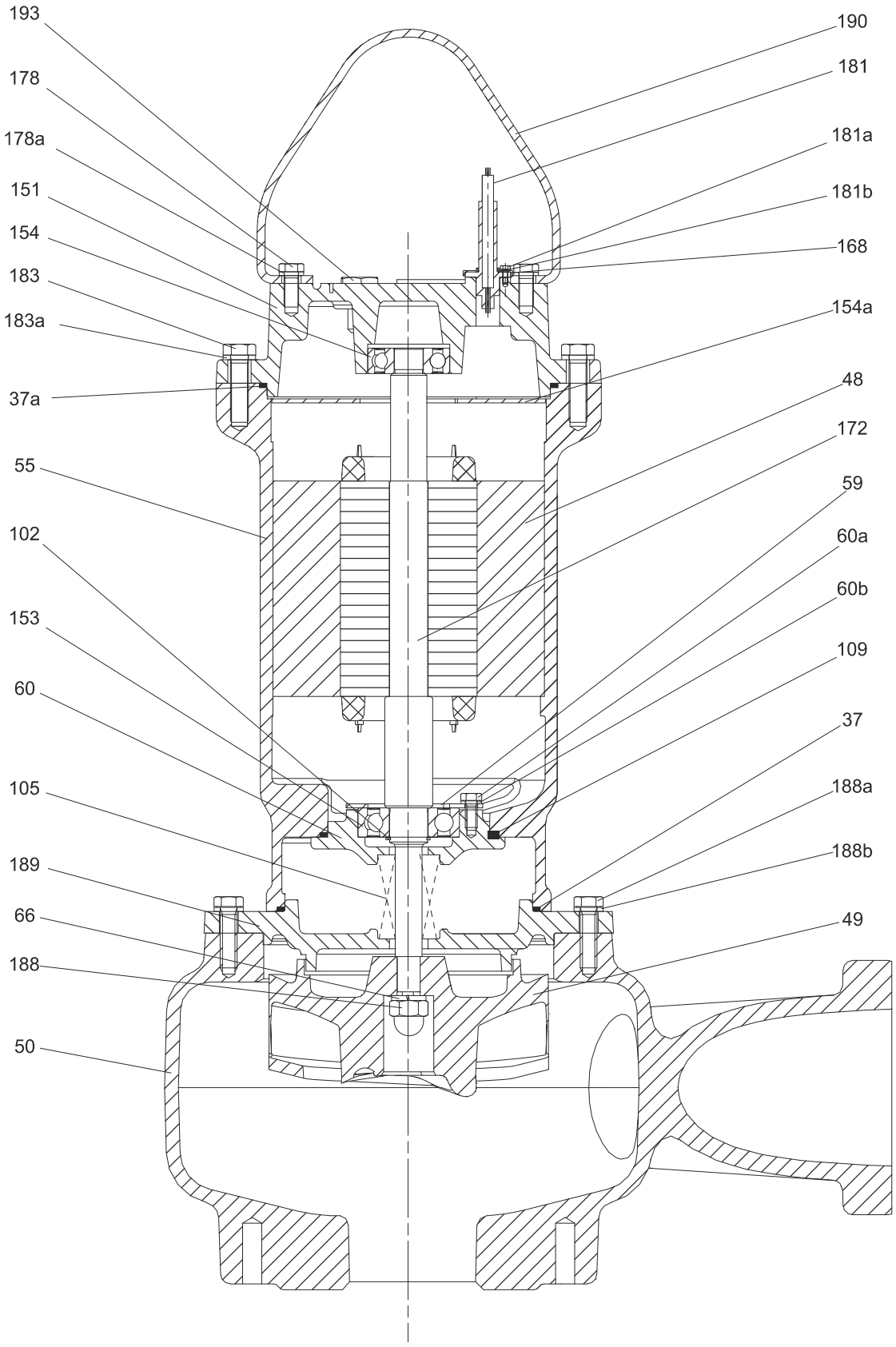


Fig. 20 Sectional drawing DPK.V.65.80.15.2 and DPK.V.65.80.22.2

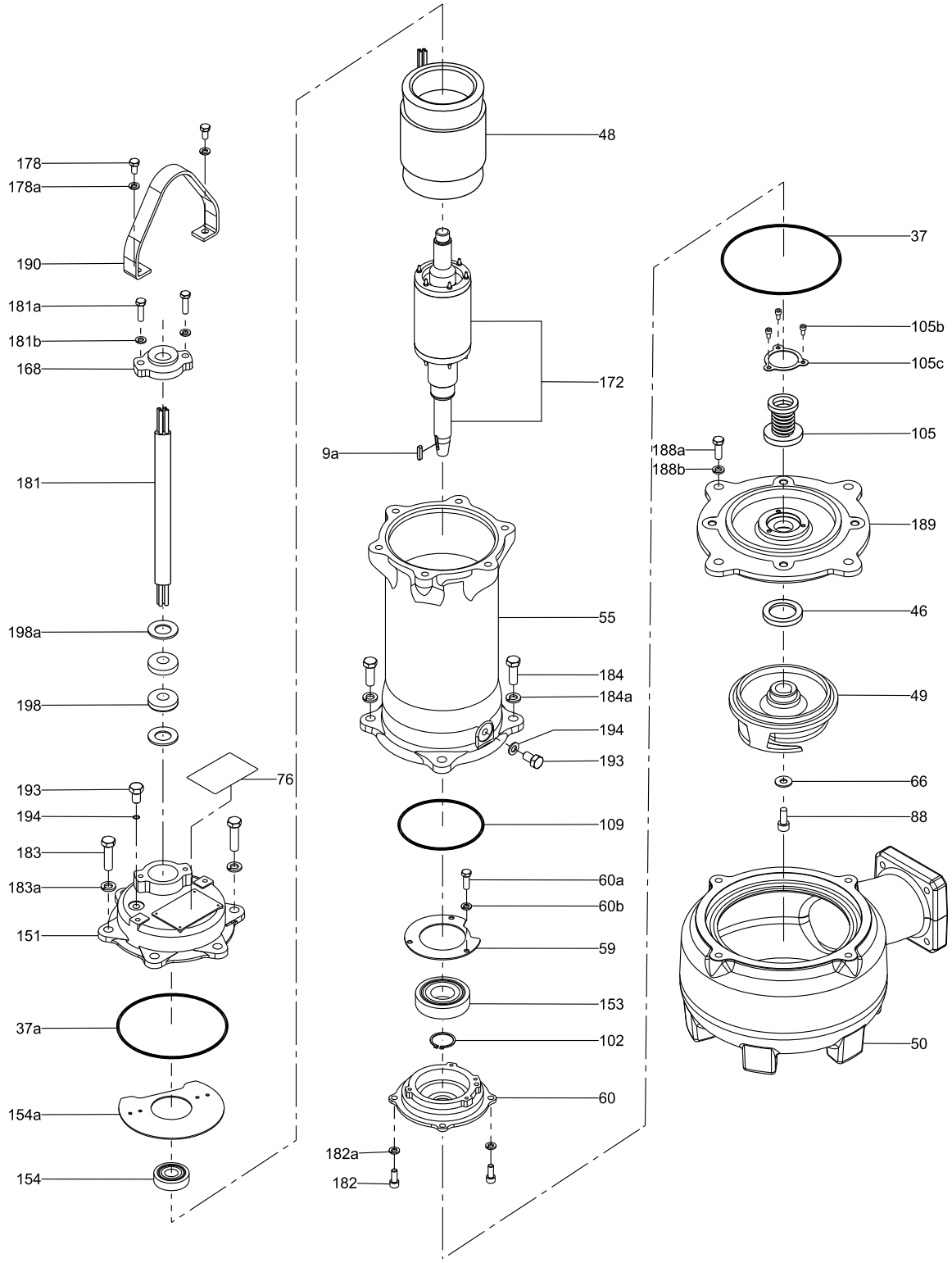


Fig. 21 Exploded view DPK.V.80.80.37.2

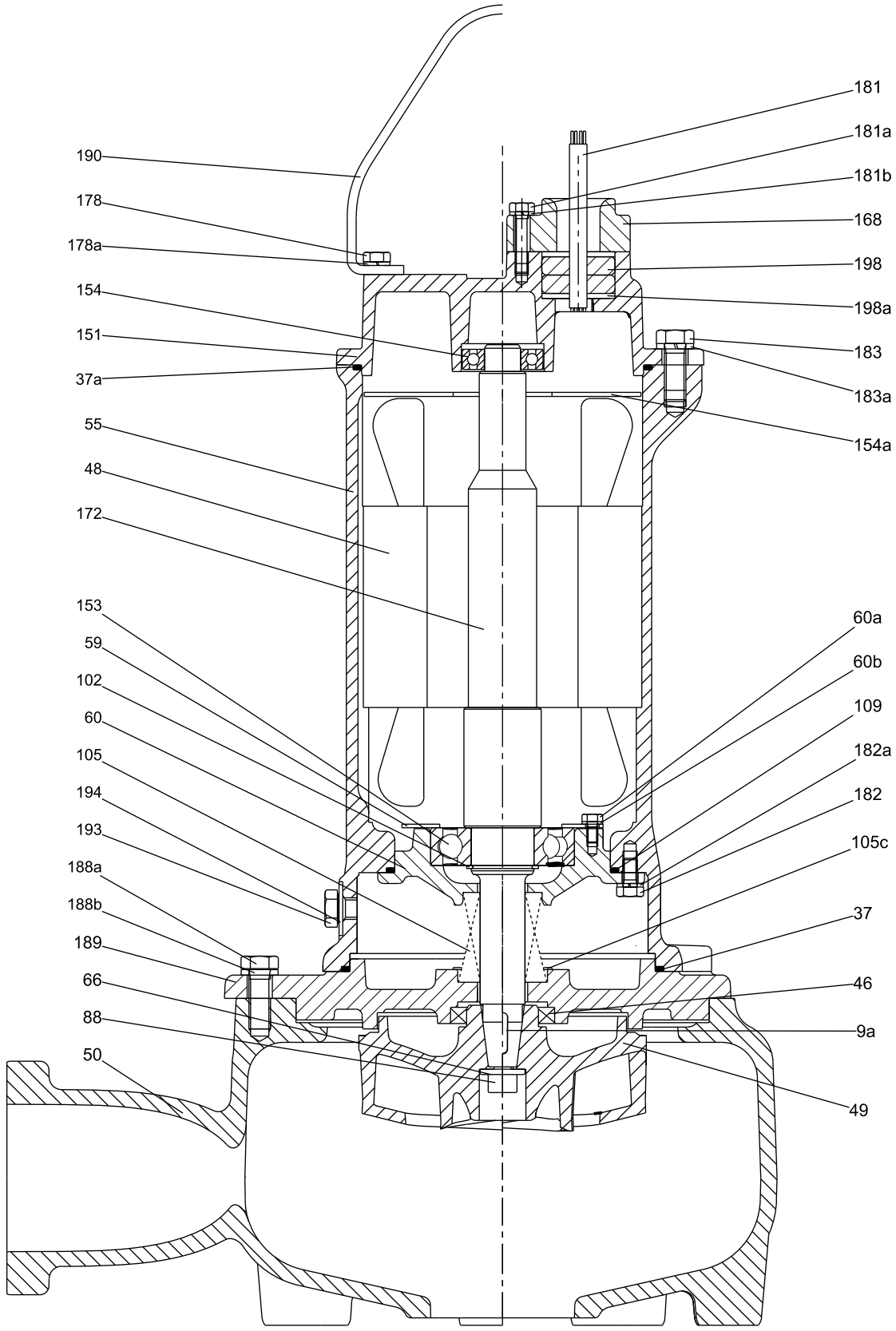


Fig. 22 Sectional drawing DPK.V.80.80.37.2

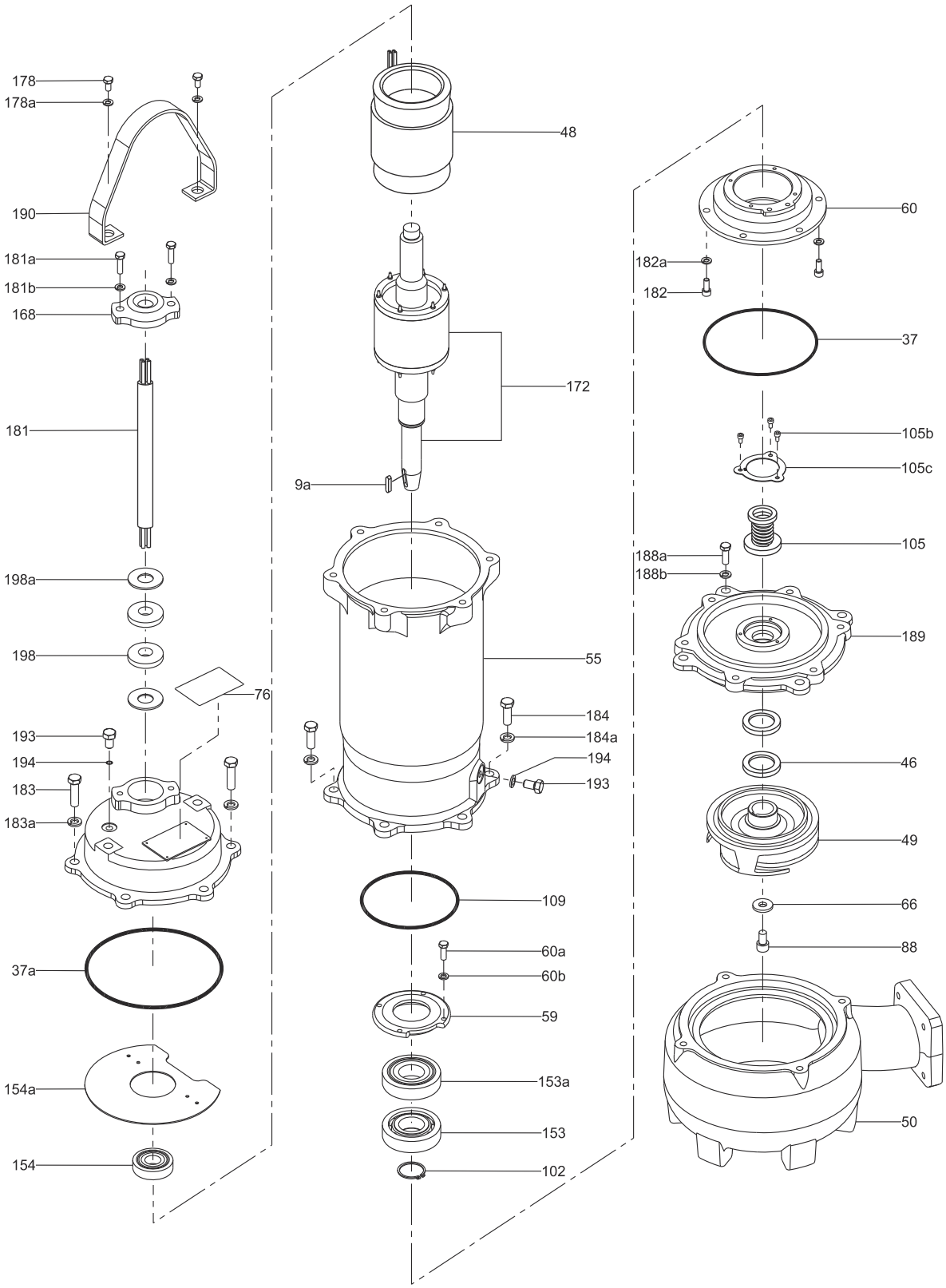


Fig. 23 Exploded view DPK.V.80.80.55.2 and DPK.V.80.80.75.2

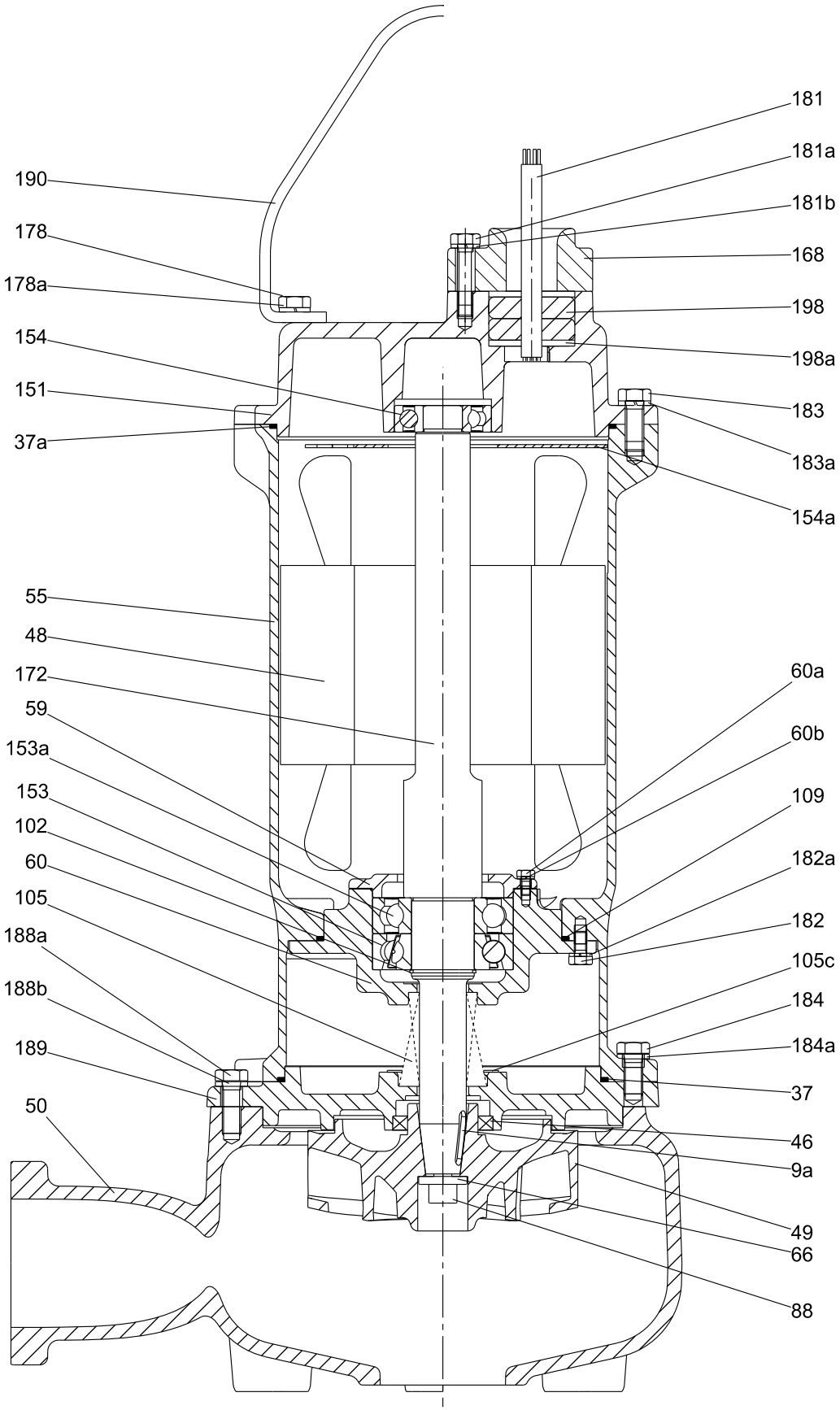


Fig. 24 Sectional drawing DPK.V.80.80.55.2 and DPK.V.80.80.75.2

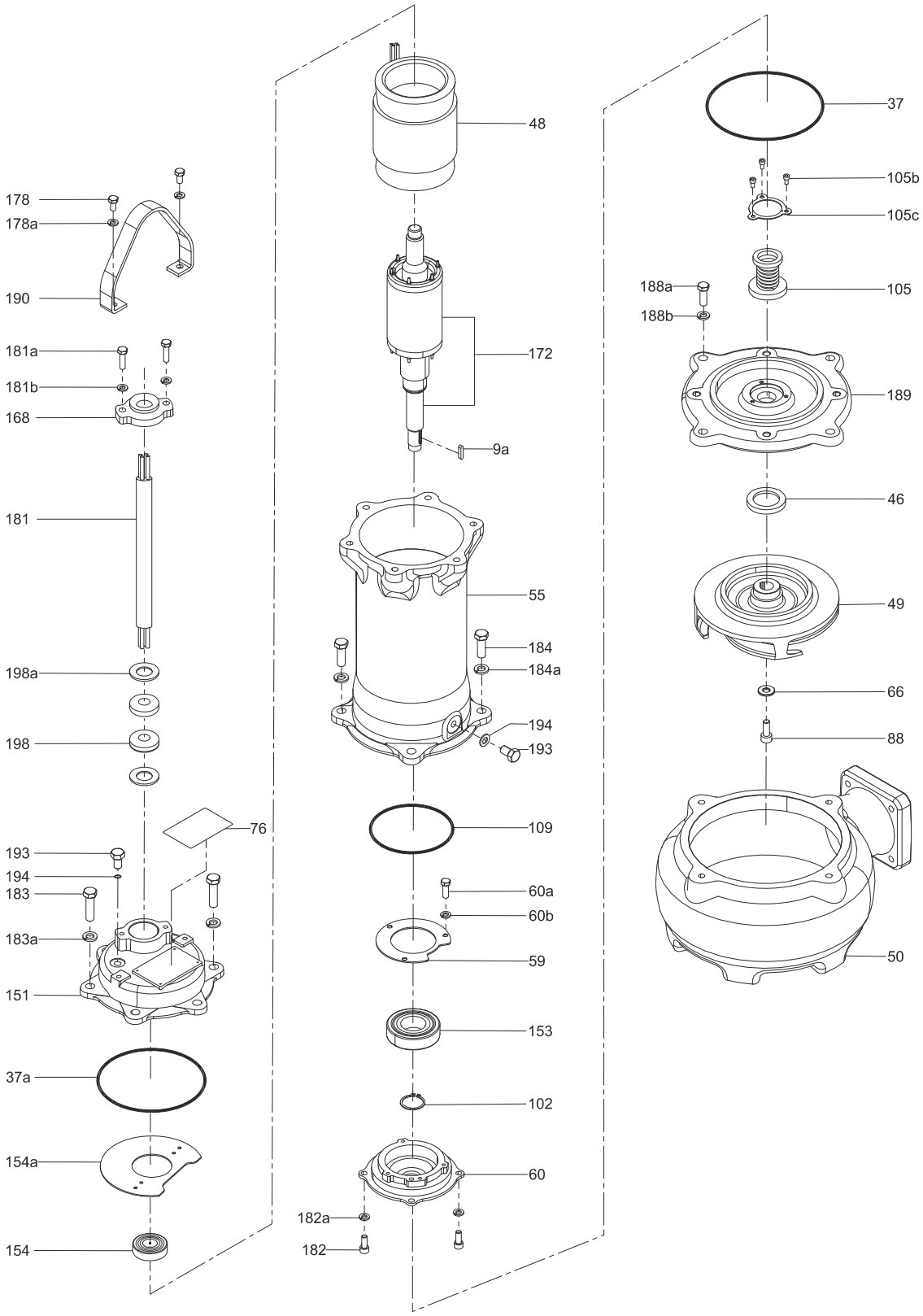


Fig. 25 Exploded view DPK.V.65.80.15.4 and DPK.V.65.80.22.4

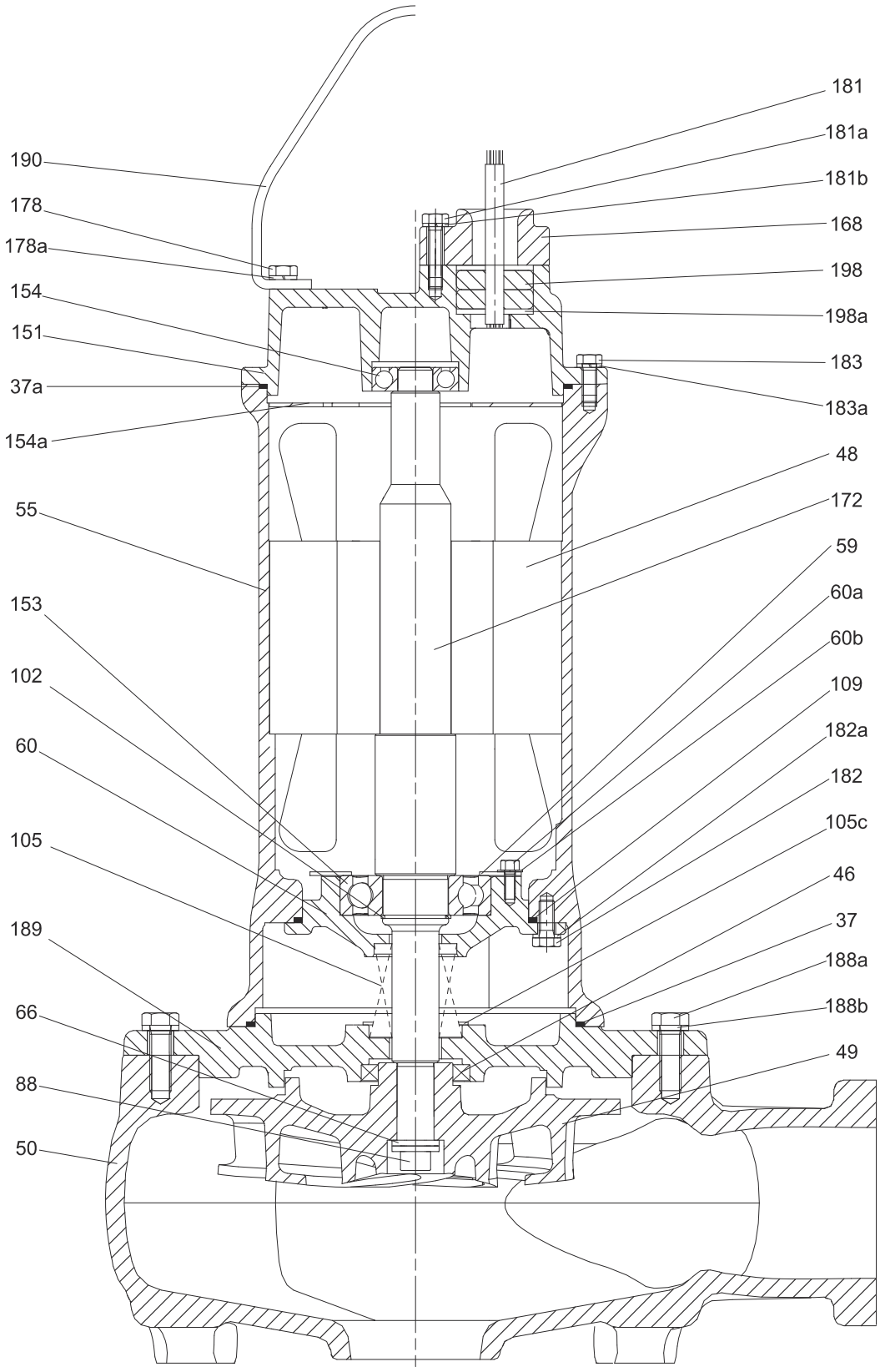


Fig. 26 Sectional drawing DPK.V.65.80.15.4 and DPK.V.65.80.22.4

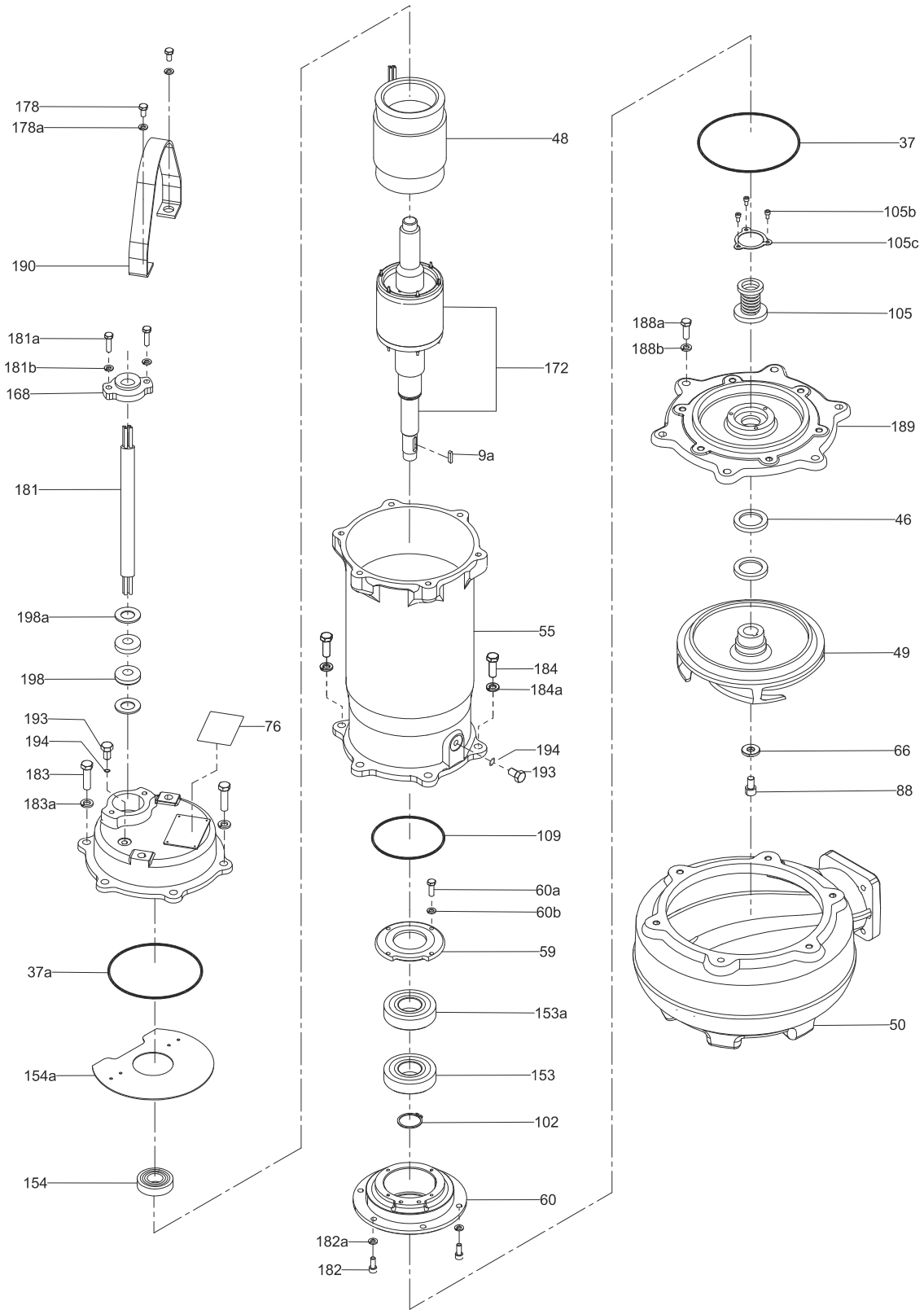


Fig. 27 Exploded view DPK.V.80.80.37.4, DPK.V.80.80.55.4 and DPK.V.80.80.75.4

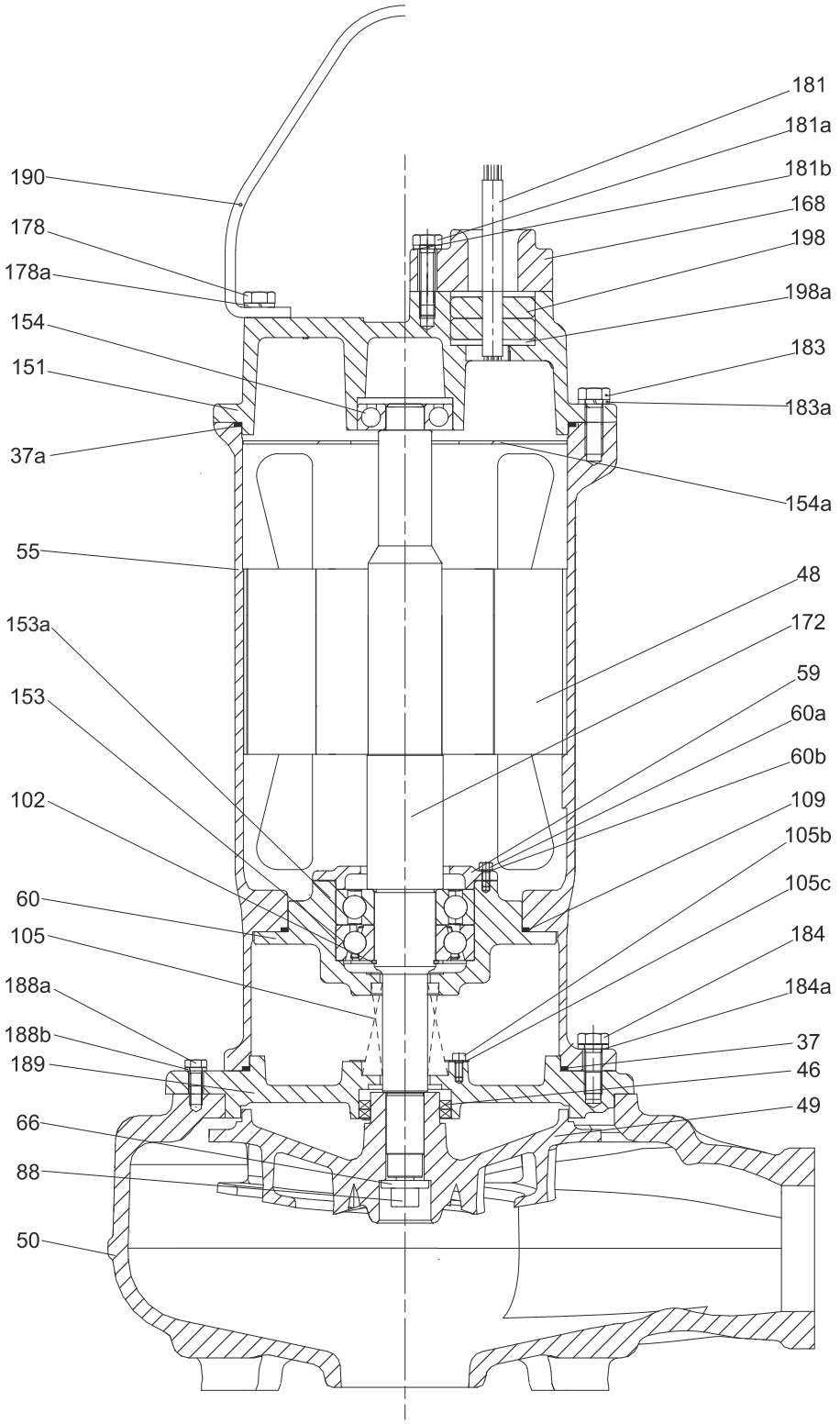


Fig. 28 Sectional drawing DPK.V.80.80.37.4, DPK.V.80.80.55.4 and DPK.V.80.80.75.4

Material specification

Pos.	Designation	Material		
		KS	ASTM	DIN
9a	Key	STS410	ANSI 410	17440
12	Flange[1]	GC200/ GC250	A48-CL30/ A48-CL35	GG20/ GG25
13	Hose connection[1]	GC200/ GC250	A48-CL30/ A48-CL35	GG20/ GG25
26	O-ring	NBR	NBR	NBR
26a	Washer	STS304	A276-304	1.4301
26b	Screw	SM25C	A108-1025	-
35	Hexagon head cap screw	STS304	A276-304	1.4301
35a	O-ring	NBR	NBR	NBR
35b	Spring washer	STS304	A276-304	1.4301
35c	Gasket	NBR	NBR	NBR
37	O-ring	NBR	NBR	NBR
37a	O-ring	NBR	NBR	NBR
37b	O-ring	NBR	NBR	NBR
37c	O-ring	NBR	NBR	NBR
37e	Gasket	NBR	NBR	NBR
39	O-ring	NBR	NBR	NBR
39a	O-ring	NBR	NBR	NBR
39b	O-ring	NBR	NBR	NBR
39c	O-ring	NBR	NBR	NBR
39e	Gasket	NBR	NBR	NBR
46	Lip seal	SCP1	SCP1	SCP1
46a	Lip seal	SCP1	SCP1	SCP1
48	Stator	-	-	-
48a	Cable inlet cover	GC250	A48-CL35	GG25
49	Impeller[2]	GCD450/ Hi-Cr	A536-77/ Hi-Cr	GGG45/ Hi-Cr
49a	Spacer ring	SS400	A283-Gr.D	-
50	Pump housing[1]	GC200/ GC250	A48-CL30/ A48-CL35	GG20/ GG25
55	Motor housing[1]	GC200/ GC250	A48-CL30/ A48-CL35	GG20/ GG25
59	Bearing cover[1]	GC200/ GC250	A48-CL30/ A48-CL35	GG20/ GG25
60	Lower bearing bracket[1]	GC200/ GC250	A48-CL30/ A48-CL35	GG20/ GG25
60a	Hexagon head cap screw	SM25C	A108-1025	-
60b	Spring washer	SM25C	A108-1025	-
66	Spring washer	STS304	A276-304	1.4301
76	Nameplate	STS304	A276-304	1.4301
84a	Inlet strainer/ ring stand	SS400	A283-Gr.D	-
84b	Hexagon head cap screw	STS304	A276-304	1.4301
84c	Spring washer	STS304	A276-304	1.4301
88	Hexagon head cap screw	-	-	-
102	Stop ring	STS304	A276-304	1.4301
105	Mechanical shaft seal	-	-	-
105b	Hexagon head cap screw	SM25C	A108-1025	-
105c	Shaft seal retainer	STS304	A276-304	1.4301
107	O-ring	NBR	NBR	NBR
108	Sealing washer	STS304	A276-304	1.4301
108a	O-ring	NBR	NBR	NBR
109	O-ring	NBR	NBR	NBR
109a	O-ring	NBR	NBR	NBR
150	Shaft sleeve	STS304	A276-304	1.4301
150a	Sleeve	-	-	-
150b	Sleeve	-	-	-
150c	Slide bearing	Bronze	Bronze	Bronze
151	Head cover[1]	GC200/ GC250	A48-CL30/ A48-CL35	GG20/ GG25
153	Lower bearing	-	-	-
153a				
154	Upper bearing	-	-	-
154a	Cover	-	-	-

Pos.	Designation	Material		
		KS	ASTM	DIN
155	Shaft seal housing[1]	GC200/ GC250	A48-CL30/ A48-CL35	GG20/ GG25
159	Rubber tube	NBR	NBR	NBR
159a	Clamping ring[1]	GC200/ GC250	A48-CL30/ A48-CL35	GG20/ GG25
168	Clamping ring[1]	GC200/ GC250	A48-CL30/ A48-CL35	GG20/ GG25
168a	Cable entry[1]	GC200/ GC250	A48-CL30/ A48-CL35	GG20/ GG25
172	Rotor with shaft	STS410	ANSI 410	-
178	Hexagon head cap screw	STS304	A276-304	1.4301
178a	Spring washer	STS304	A276-304	1.4301
181	Power cable	PNCT	PNCT	PNCT
181a	Hexagon head cap screw	STS304	A276-304	1.4301
181b	Spring washer	STS304	A276-304	1.4301
182	Hexagon head cap screw	STS304	A276-304	1.4301
182a	Spring washer	STS304	A276-304	1.4301
183	Hexagon head cap screw	STS304	A276-304	1.4301
183a	Spring washer	STS304	A276-304	1.4301
183b	Hexagon head cap screw	STS304	A276-304	1.4301
183c	Spring washer	STS304	A276-304	1.4301
184	Hexagon head cap screw	STS304	A276-304	1.4301
184a	Spring washer	STS304	A276-304	1.4301
184b	Hexagon head cap screw	STS304	A276-304	1.4301
184c	Spring washer	STS304	A276-304	1.4301
184f	O-ring	NBR	NBR	NBR
185	O-ring	NBR	NBR	NBR
186	Hexagon head cap screw	STS304	A276-304	1.4301
186a	Spring washer	STS304	A276-304	1.4301
188	Hexagon nut	STS304	A276-304	1.4301
188a	Hexagon head cap screw	STS304	A276-304	1.4301
188b	Spring washer	STS304	A276-304	1.4301
189	Inlet cover[1]	GC200/ GC250	A48-CL30/ A48-CL35	GG20/ GG25
190	Lifting bracket	STS304	A276-304	1.4301
190d	Eyebolt	SM30C	A108-1030	-
193	Oil plug	STS304	A276-304	1.4301
194	O-ring	NBR	NBR	NBR
198	Cable gland	NBR	NBR	NBR
198a	Washer	STS304	A276-304	1.4301
522	Hexagon head cap screw	STS304	A276-304	1.4301
523	Spring washer	STS304	A276-304	1.4301

1 Materials for products up to 15 kW / Materials for 19 kW and larger products, e.g.: GC200/ GC250.

2 Impeller has the material option of Hi-Cr, except for DPK 3.0 kW.

8. Product description

Features

Ball bearings

The top bearing is single row deep-groove ball bearing.

The lower bearing, depending on the specific pump type can be:

- one single row deep grove ball bearing.
- two bearings, with 1 single row deep-groove ball bearing and 1 single-row angular contact ball bearing.

All bearings are lubricated in the factory, no further lubrication is needed.

The below table shows the different bearing types based on the motor size.

Motor size	Pos.	Bearing type
DPK 0.75 kW - 3.7 kW	153	Deep-groove ball bearing
DPK.V 0.75 kW - 3.7 kW 2-pole	153	
DPK.V 0.75 kW - 2.2 kW 4-pole	153	
All other motor sizes	153	Single-row angular contact ball bearing
	153a	Single-row deep-groove ball bearing

Shaft seals

The pumps have two mechanical shaft seals separating the motor from the pumped liquid. The shaft seals are in the oil chamber.

The primary seal is SiC-SiC and the secondary is Carbon/Ceramic.

Motor

The motor is watertight and enclosed.

Number of poles: 2 or 4

Insulation class: F (155 °C).

Temperature rise class: F (105 °C).

Enclosure class: IP68.

Pump type	Power, P2 [kW]
DPK	0.75
DPK/DPK.V	1.5
DPK/DPK.V	2.2
DPK	3.0
DPK/DPK.V	3.7
DPK/DPK.V	5.5
DPK/DPK.V	7.5
DPK	11
DPK	15
DPK	19
DPK	22

Cables

The standard cable type is PNCT for both DPK and DPK.V pumps.

Cable type		Cable data		
Power (ground) cable	Sensor cable	Outer cable diameter [mm]	Bending radius	Pump type
[mm^2]			Free [mm]	
4 × 1.5	+ 2 × 1	17.5 ± 0.5	263	DPK DPK.V
4 × 1.5	+ 4 × 1	17.5 ± 0.5	275	DPK DPK.V
4 × 2.5	+ 4 × 1	21.5 ± 1	290	DPK DPK.V
4 × 4	+ 4 × 1	21.5 ± 1	323	DPK DPK.V
4 × 6	+ 4 × 1	25-25.4 ± 1	369	DPK DPK.V
4 × 10	+ 6 × 1	33.6 ± 1.0	354	DPK DPK.V
6 × 10 + 1 × 6	+ 6 × 1.5	34	510	DPK
6 × 16 + 1 × 10	+ 6 × 1.5	34	510	DPK
7 × 4.0	+ 4 × 1	25-25.4 ± 1	366	DPK DPK.V
7 × 6.0	+ 6 × 1	25-25.4 ± 1	381	DPK DPK.V
7 × 10	+ 6 × 1.5	28.6	429	DPK DPK.V
7 × 16	+ 6 × 1.5	31.2	468	DPK DPK.V

The cables are 10 m long as standard. Other cable lengths are available on request. See *List of variants* on page 10.

The number and dimension of cables depend on the motor size.

Cable entry

Cable entry consists of rubber bushing.

Sensors

The following thermal protections are available for DPK pumps, depending on the specific pump type:

- PTO located in the coil head, requires outside control through signal wires of the power cable.
- Klixon 17AM located in the coil head, requires outside control through the signal wires of the power cable.

As standard, the pumps are fitted with a bimetallic thermal switch that cuts the circuit when the motor temperature reaches 130 °C. Seal sensor for continuous monitoring of motor enclosure for liquid detection, except for the following models:

DPK.x.x.075.x.x
DPK.x.x.15.x.x
DPK.x.x.22.x.x
DPK.x.x.30.x.x
DPK.x.x.37.x.x.

Customised sensor options

- Pt100 sensor monitors the motor temperature and lower bearing in versions the sensor is not included as standard.
- Seal electrode sensor monitors water penetration into the stator housing, in which the sensor is not included as standard.

Testing

All pumps are tested before leaving the factory. The factory test report is based on ISO 9906:2012, grade 3B. Test reports can be ordered directly together with the pump or separately based on the pump serial number.

Other tests or third-party inspection certificates are available on request. See *List of variants* on page 10.

Operating conditions

The pumps are designed for continuous (S1) and intermittent operation (S3).

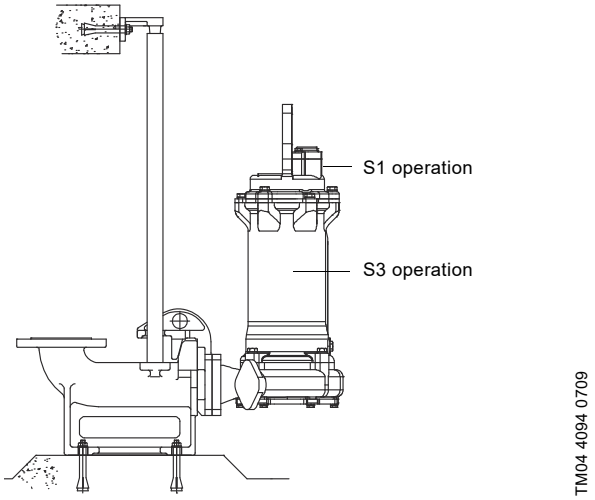


Fig. 29 Liquid level for DPK pumps in S1 or S3 operation

Continuous operation

Continuous operation, S1, is allowed when the pump is submerged to the top of the motor in the pumped liquid.

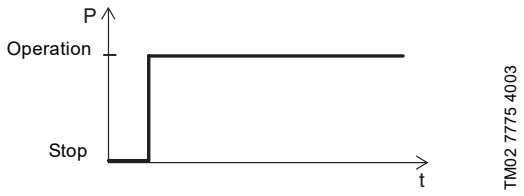


Fig. 30 Continuous operation

Intermittent operation

During intermittent operation, S3, the pump must run for maximum 4 minutes and stop for minimum 6 minutes.

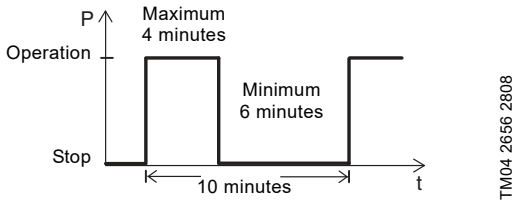


Fig. 31 Intermittent operation

Maximum number of starts per hour

The maximum number of starts per hour is 30.

Pumped liquids

pH value: 4-10.

Liquid temperature: 0-40 °C.

When pumping liquids with a density and/or a kinematic viscosity higher than water, use motors with higher outputs.

Pump controllers

Pumps can be controlled by LC 231 and LC 241 level controllers. Both controllers can be used in single or dual pump applications.

The LC 231 is a compact solution with certified motor protection and current measurement. LC 231 can be operated in a single pump setup up to 12A or dual pump setup up to 9.6A. Starting method is Direct On-Line for both analog pressure transmitter and digital float switches.

The LC 241 is a cabinet solution allowing setup customisation. Basic settings are configured through the operating panel. Advanced settings are configured with Grundfos GO Remote through Bluetooth. LC 241 can be operated in single and dual pump setup to 72A.

Starting methods are the following for both analog pressure transmitter and digital float switches:

- Direct On-Line
- Star Delta
- Soft Starter.

For further settings, see the installation and operating instructions for the selected level controller.

Frequency converter operation

Frequency converter is available only for DPK 19 and 22 kW pumps.

Frequency converter operation exposes the motor insulation system to a heavier load and may cause the motor to be more noisy due to eddy currents caused by voltage peaks.

In addition, large motors operated by a frequency converter are loaded by bearing currents.

For more information, see the installation and operating instructions for the selected frequency converter in Grundfos Product Center at www.grundfos.com.

Wiring diagrams

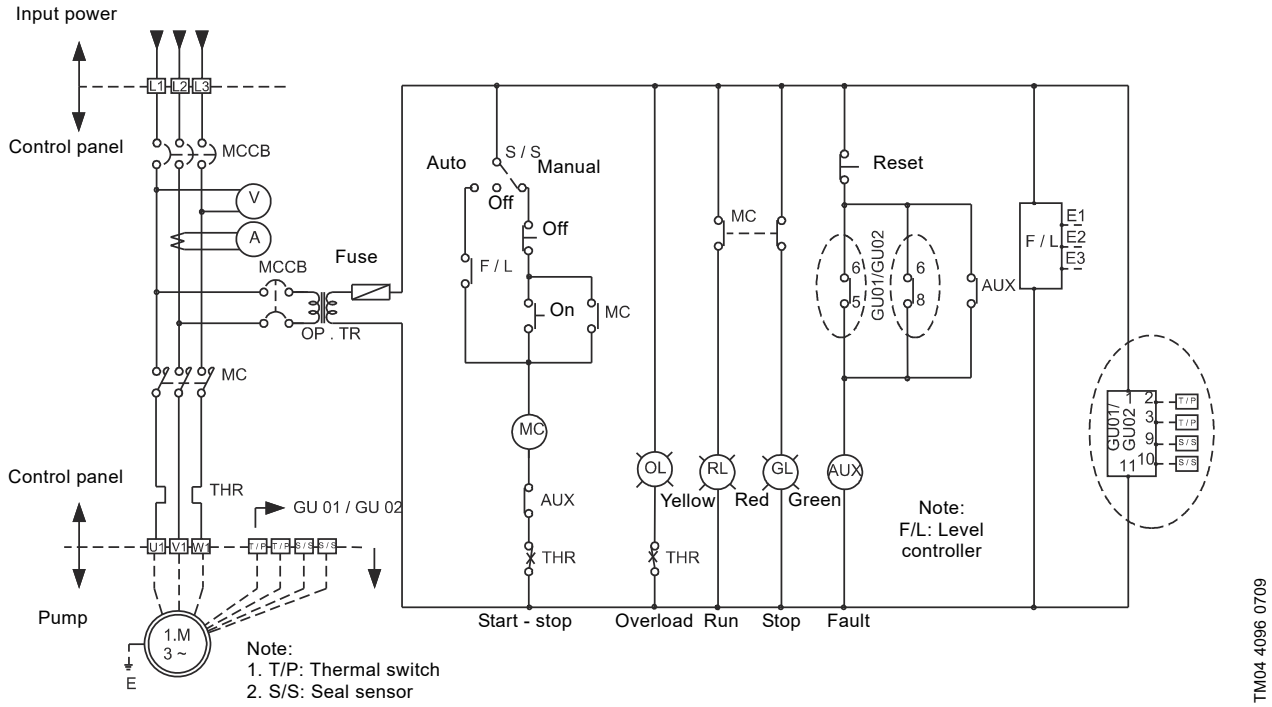


Fig. 32 Wiring diagram, DOL starting

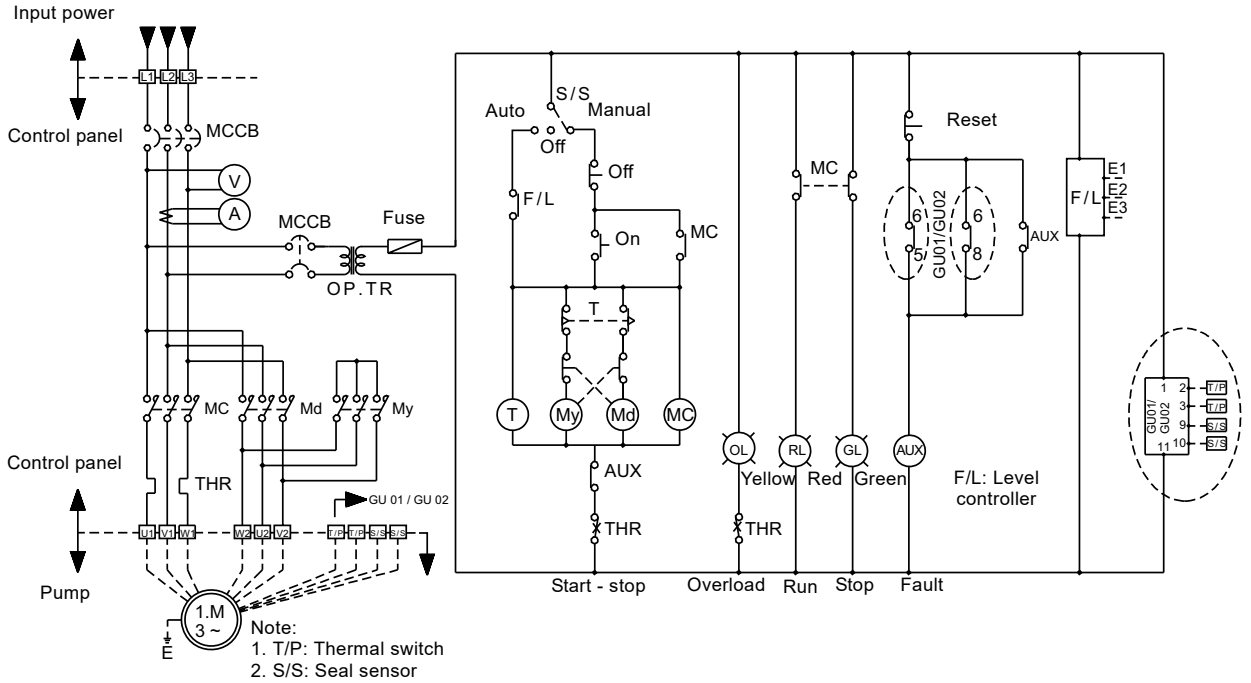
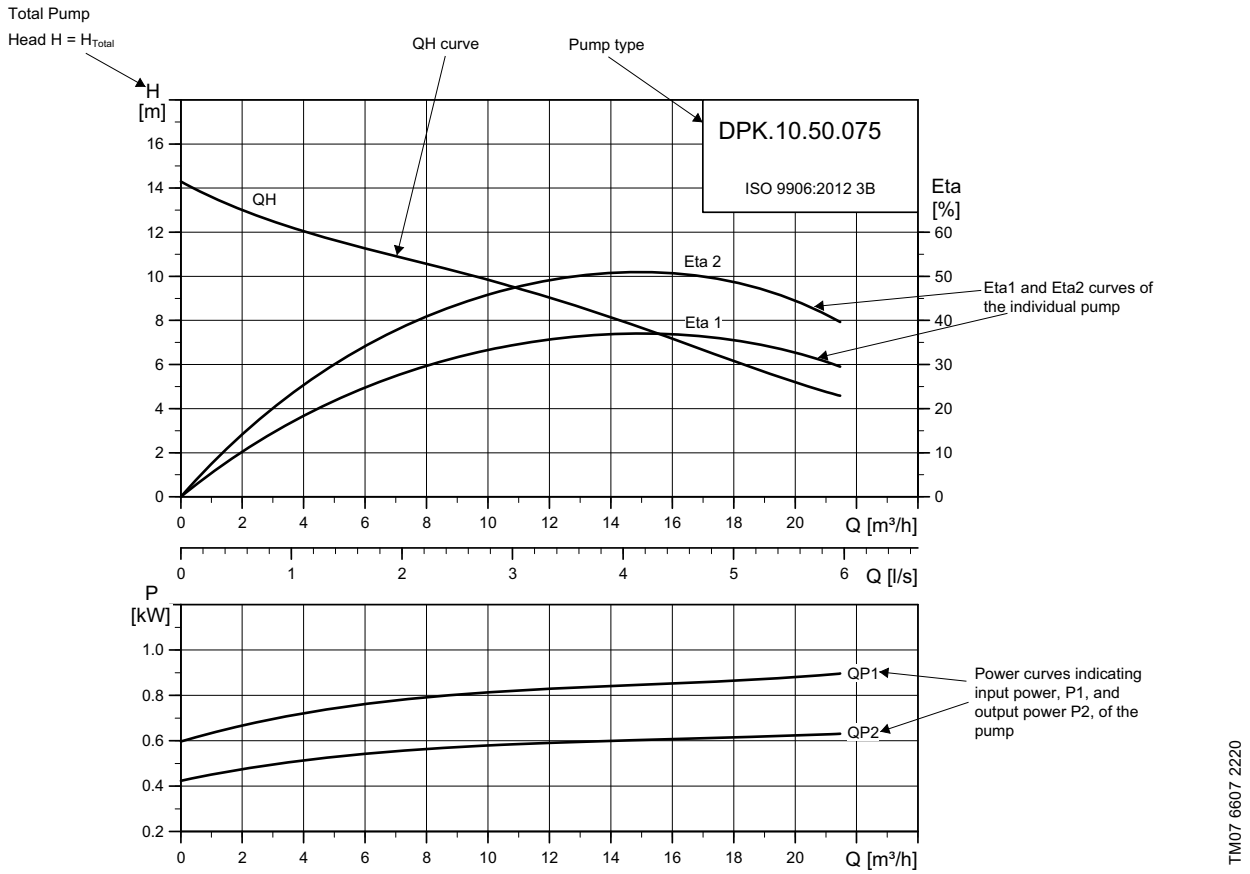


Fig. 33 Wiring diagram, star-delta starting

9. Performance curves

How to read the curve charts



Note: The pumps are tested according to ISO 9906:2012 grade 3B tolerance. Testing equipment and measuring instruments are designed and calibrated according to this standard. The pumps are approved according to tolerances for entire curves, specified in grade 3B.

Performance curve conditions

The guidelines below apply to the curves in chapter *Performance curves and technical data* on page 39.

- Tolerances according to ISO 9906:2012, grade 3B.
- The curves indicate pump performance with different impeller diameters at the rated speed.
- The curves apply to the pumping of airless water at a temperature of 20 °C and a kinematic viscosity of 1 mm^2/s (1 cSt).
- The Eta curves show the hydraulic efficiency of the pump. Eta 1 is the total efficiency of the pump motor and Eta 2 is the hydraulic efficiency of the pump.
- In case of other densities than 1000 kg/m^3, the outlet pressure is proportional to the density.
- When pumping liquids with a density higher than 1000 kg/m^3, motors with higher outputs must be used.

Calculation of total head

The total pump head can be calculated the following way:

$H_{total} = H_{geo} + H_{stat} + H_{dyn}$

H_{geo}: Height difference between measuring points.
H_{stat}: Differential head between the inlet and outlet sides of the pump.
H_{dyn}: Calculated values based on the velocity of the pumped liquid on the inlet and outlet sides of the pump.

Performance tests

The requested duty point for every pump is tested according to ISO 9906:2012, grade 3B, and without certification.

If pumps are ordered based on the impeller diameters (no requested duty point), the pump is tested at a duty point according to ISO 9906:2012, grade 3B.

If more points on the curve are to be checked, individual measurements and certificates are available on request.

Certificates

Certificates are available on request and have to be confirmed for each order. For more information about different certificates, see *List of variants* on page 10.

Witness test

It is possible for the customer to witness the testing procedure according to ISO 9906:2012.

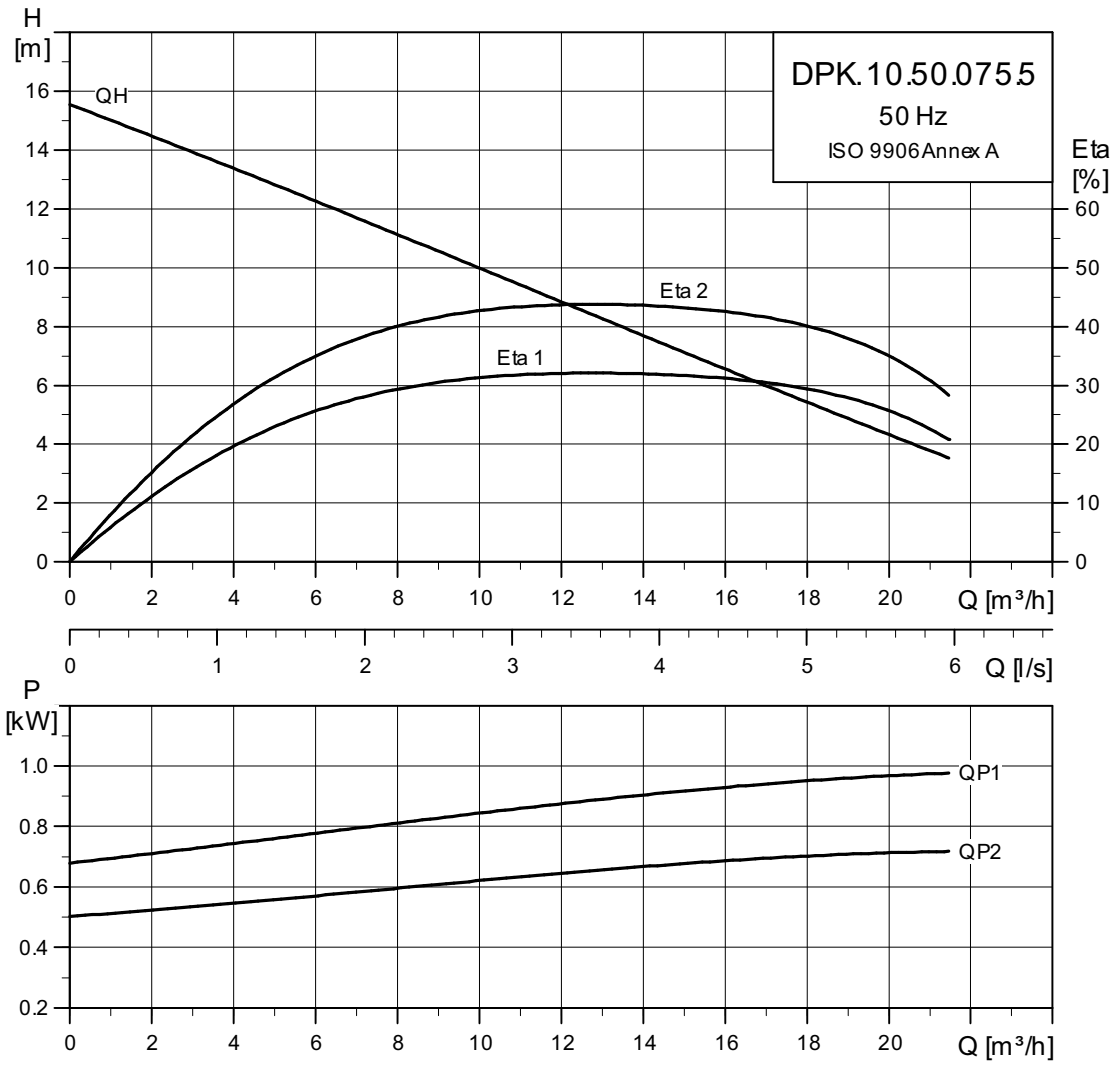
The witness test is not a certificate and will not result in a written statement from Grundfos. The witness is the only guarantee that everything is carried out as prescribed in the testing procedure.

If a witness test is required, it must be stated on the order.

10. Performance curves and technical data

DPK

DPK.10.50.075.5



TM04 2875 4514

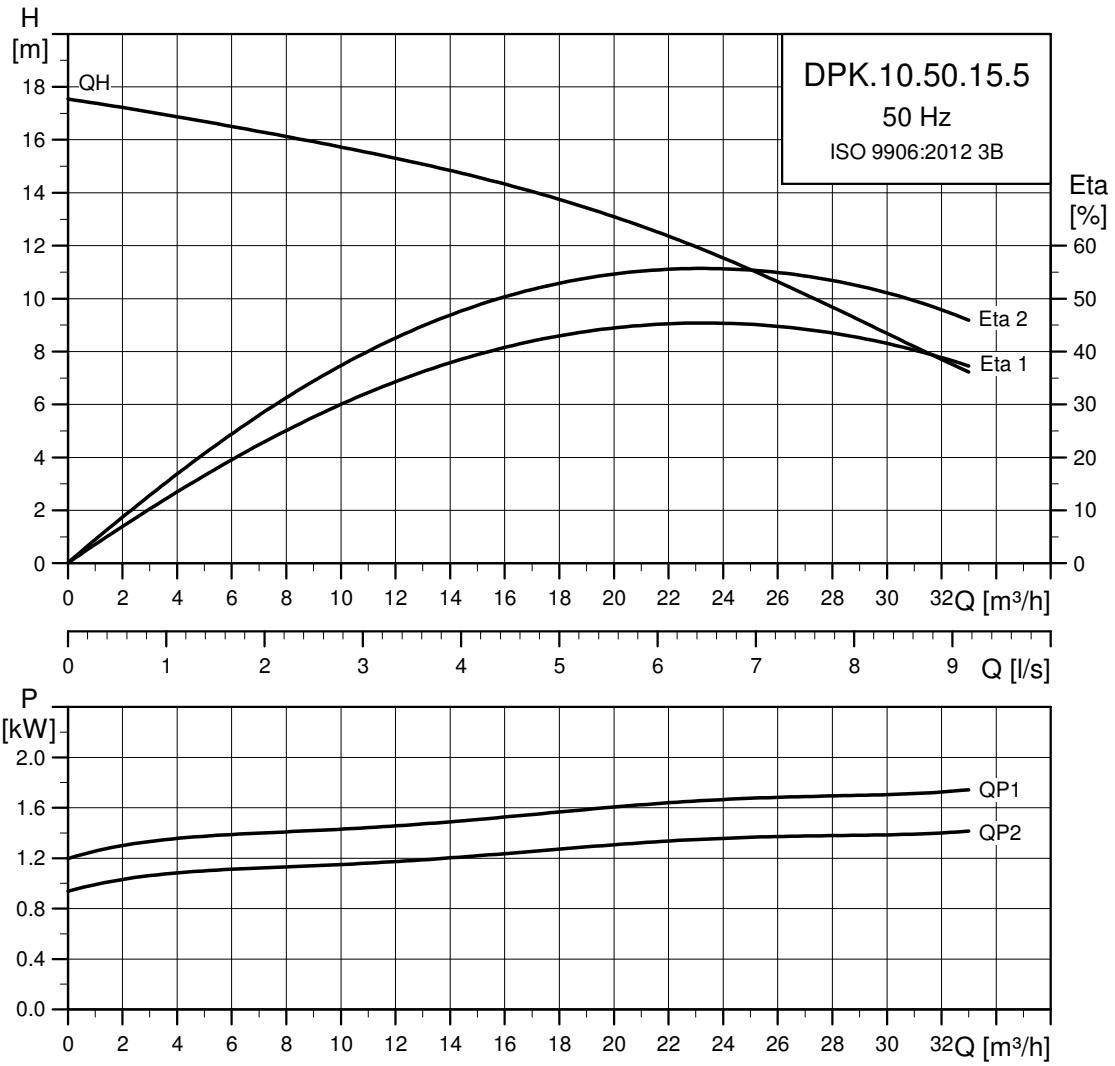
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.10.50.075.5.0D	3 × 380-415 Y	0.75	2850	DOL	2	72.5	77.5	79.2	0.72	0.82	0.88	4 × 1.5 mm^2 + 2 × 1 mm^2
DPK.10.50.075.5.0E	3 × 220-240 D	0.75	2850	DOL	3.5	72.5	77.5	79.2	0.72	0.82	0.88	4 × 1.5 mm^2 + 2 × 1 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.10.50.075.5	Semi-open	10	30	25	68	F	40	4-10

DPK.10.50.15.5



TM04 2876 0417

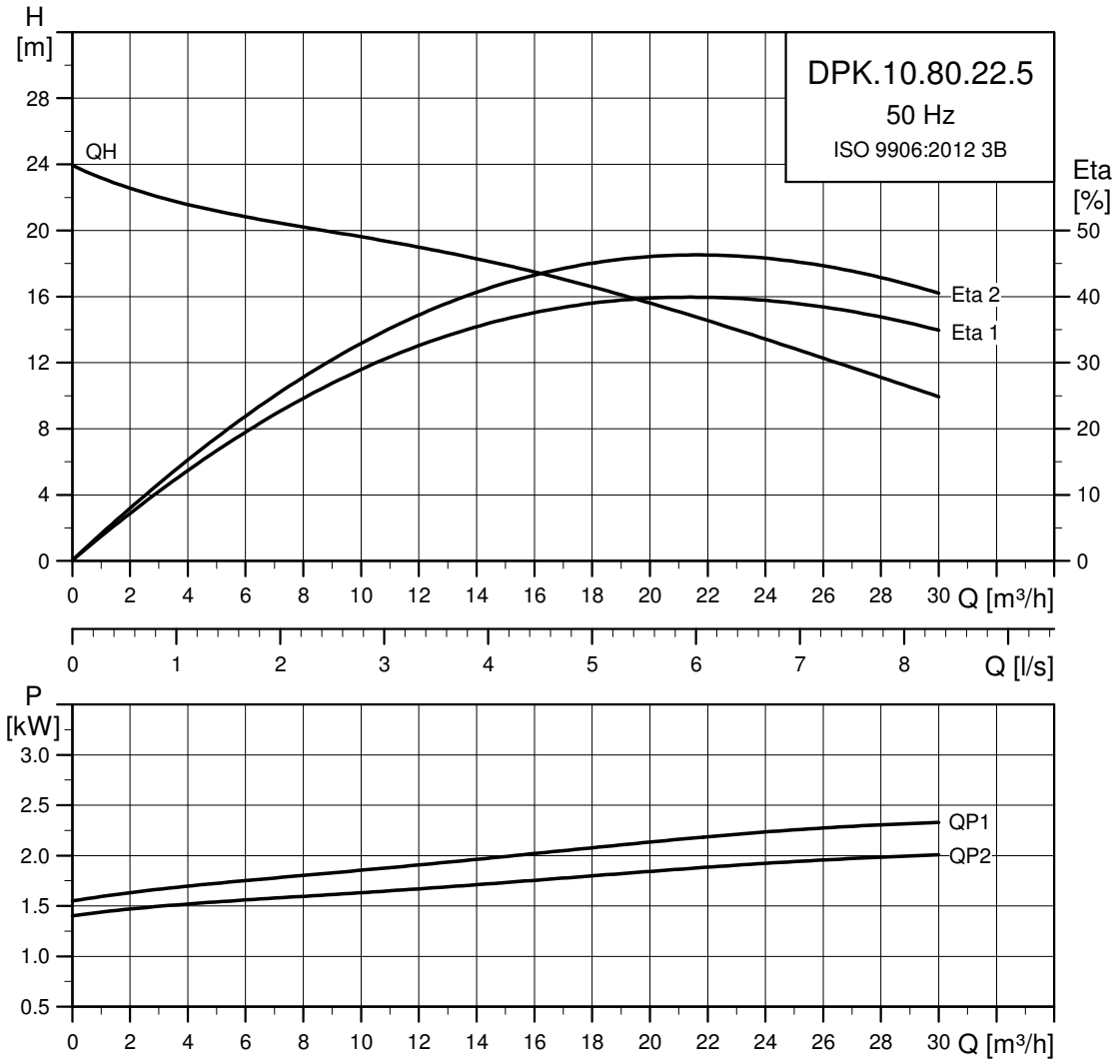
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.10.50.15.5.0D	3 × 380-415 Y	1.5	2850	DOL	3.6	78.0	82.1	83.0	0.68	0.78	0.85	4 × 1.5 mm^2 + 2 × 1 mm^2
DPK.10.50.15.5.0E	3 × 220-240 D	1.5	2850	DOL	6.2	78.0	82.1	83.0	0.68	0.78	0.85	4 × 1.5 mm^2 + 2 × 1 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.10.50.15.5	Semi-open	10	30	25	68	F	40	4-10

DPK.10.80.22.5



TM04 2877 0417

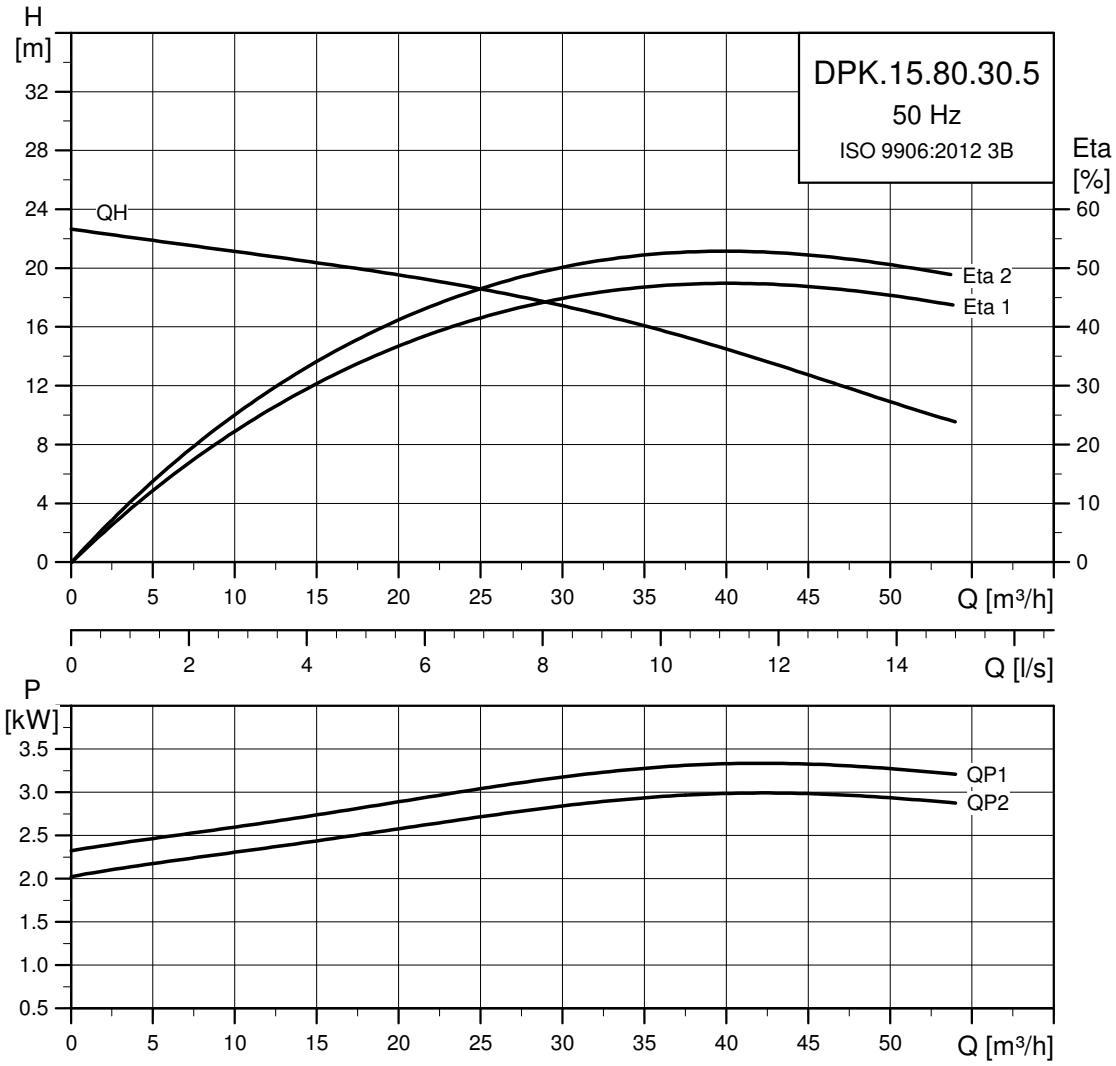
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.10.80.22.5.0D	3 × 380-415 Y	2.2	2850	DOL	5.1	79.8	83.1	86.1	0.71	0.82	0.89	4 × 1.5 mm^2 + 2 × 1 mm^2
DPK.10.80.22.5.0E	3 × 220-240 D	2.2	2850	DOL	8.9	79.8	83.1	86.1	0.71	0.82	0.89	4 × 1.5 mm^2 + 2 × 1 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.10.80.22	Semi-open	10	30	25	68	F	40	4-10

DPK.15.80.30.5



TM07 4305 1319

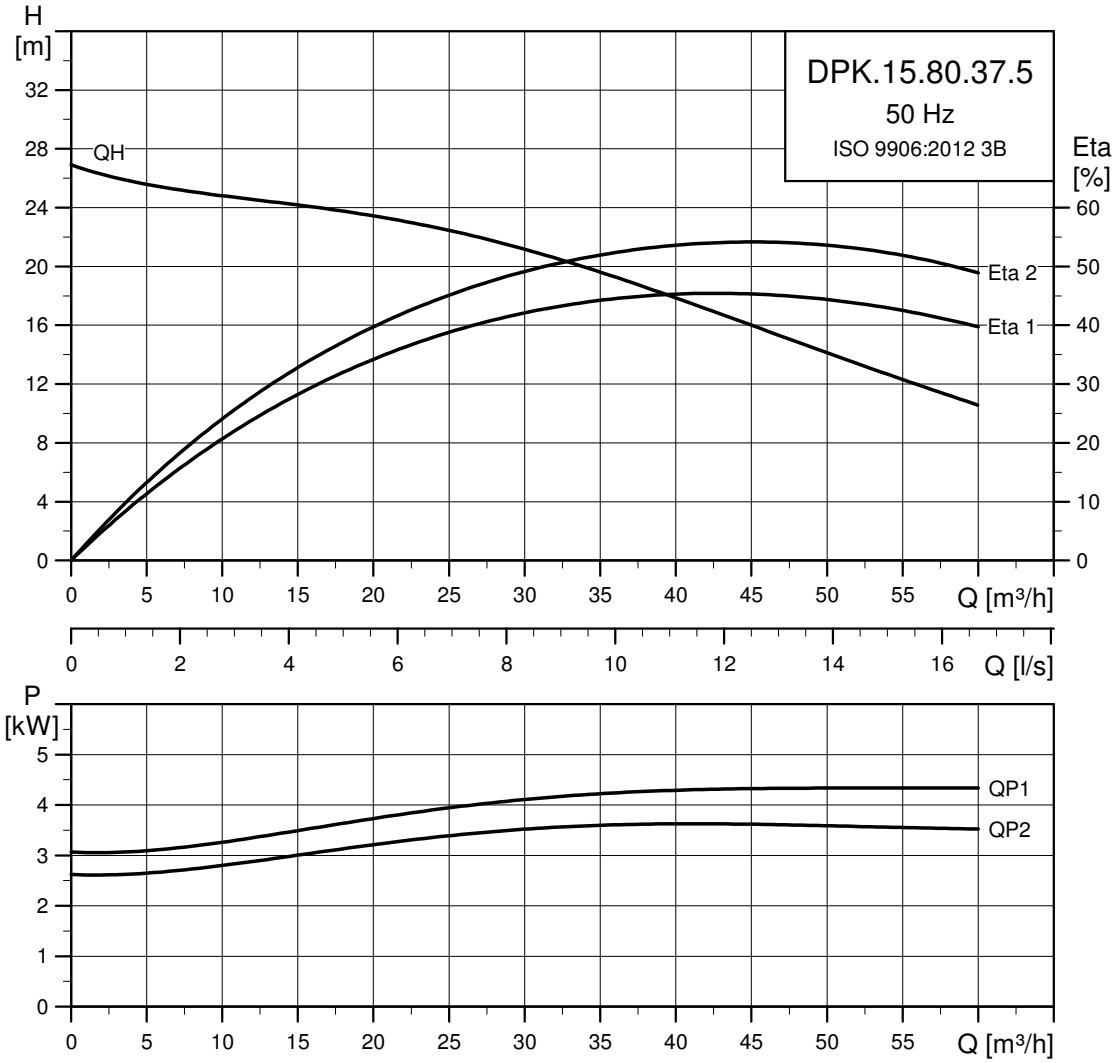
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.15.80.30.5.0D	3 × 380-415 Y	3.0	2850	DOL	5.9	69.0	87.5	86.6	0.69	0.78	0.87	4 × 1.5 mm^2 + 2 × 1 mm^2
DPK.15.80.30.5.0E	3 × 220-240 D	3.0	2850	DOL	10.2	69.0	87.5	86.6	0.69	0.78	0.87	4 × 1.5 mm^2 + 2 × 1 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.15.80.30	Semi-open	15	30	25	68	F	40	4-10

DPK.15.80.37.5



TM04 2878 0417

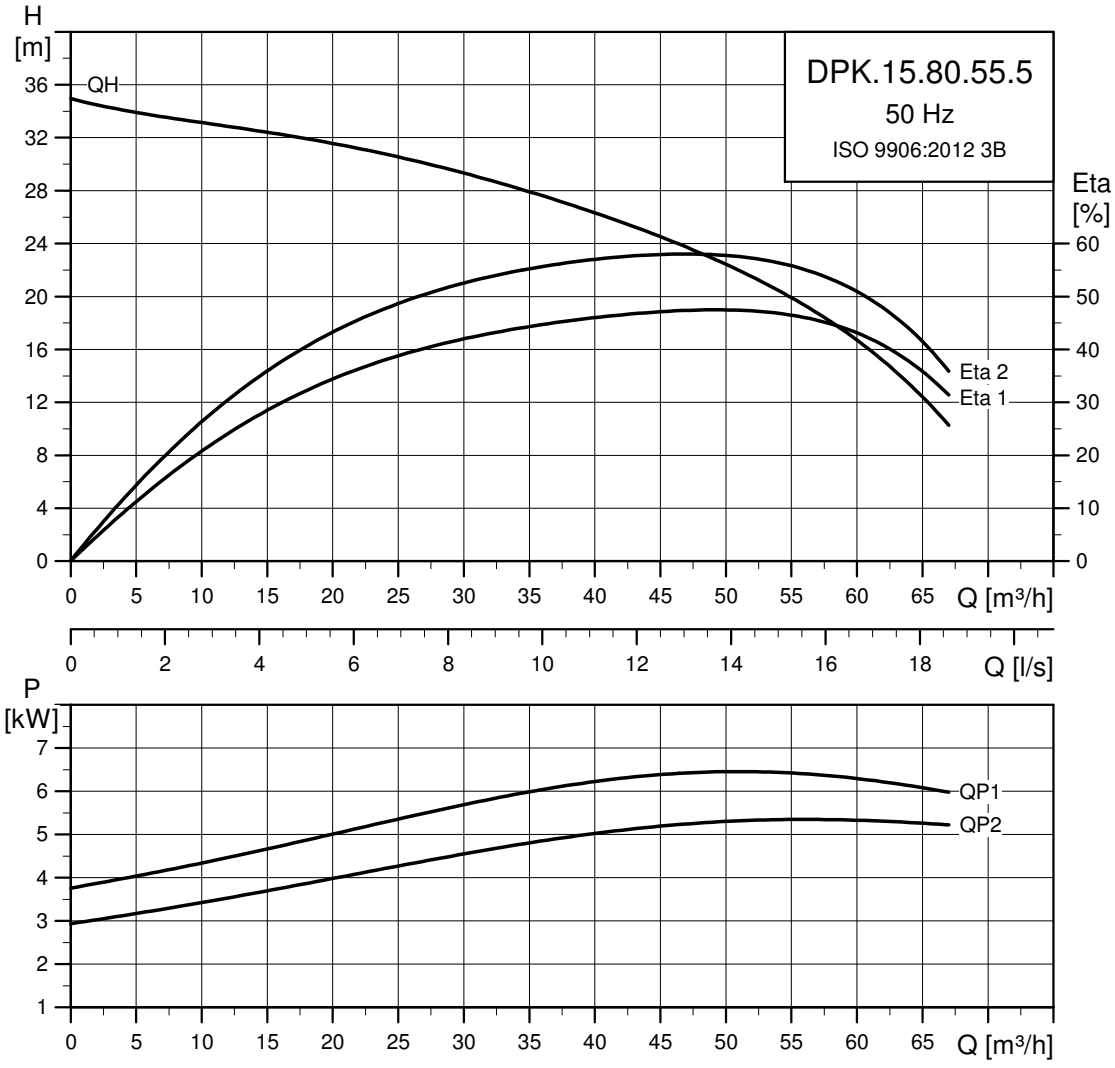
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.15.80.37.5.0D	3 × 380-415 Y	3.7	2850	DOL	8.2	85.6	85.5	84.5	0.85	0.90	0.91	4 × 1.5 mm^2 + 2 × 1 mm^2
DPK.15.80.37.5.0E	3 × 220-240 D	3.7	2850	DOL	14.2	85.6	85.5	84.5	0.85	0.90	0.91	4 × 2.5 mm^2 + 4 × 1 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.15.80.37.5	Semi-open	15	30	25	68	F	40	4-10

DPK.15.80.55.5



TM04 2879 0417

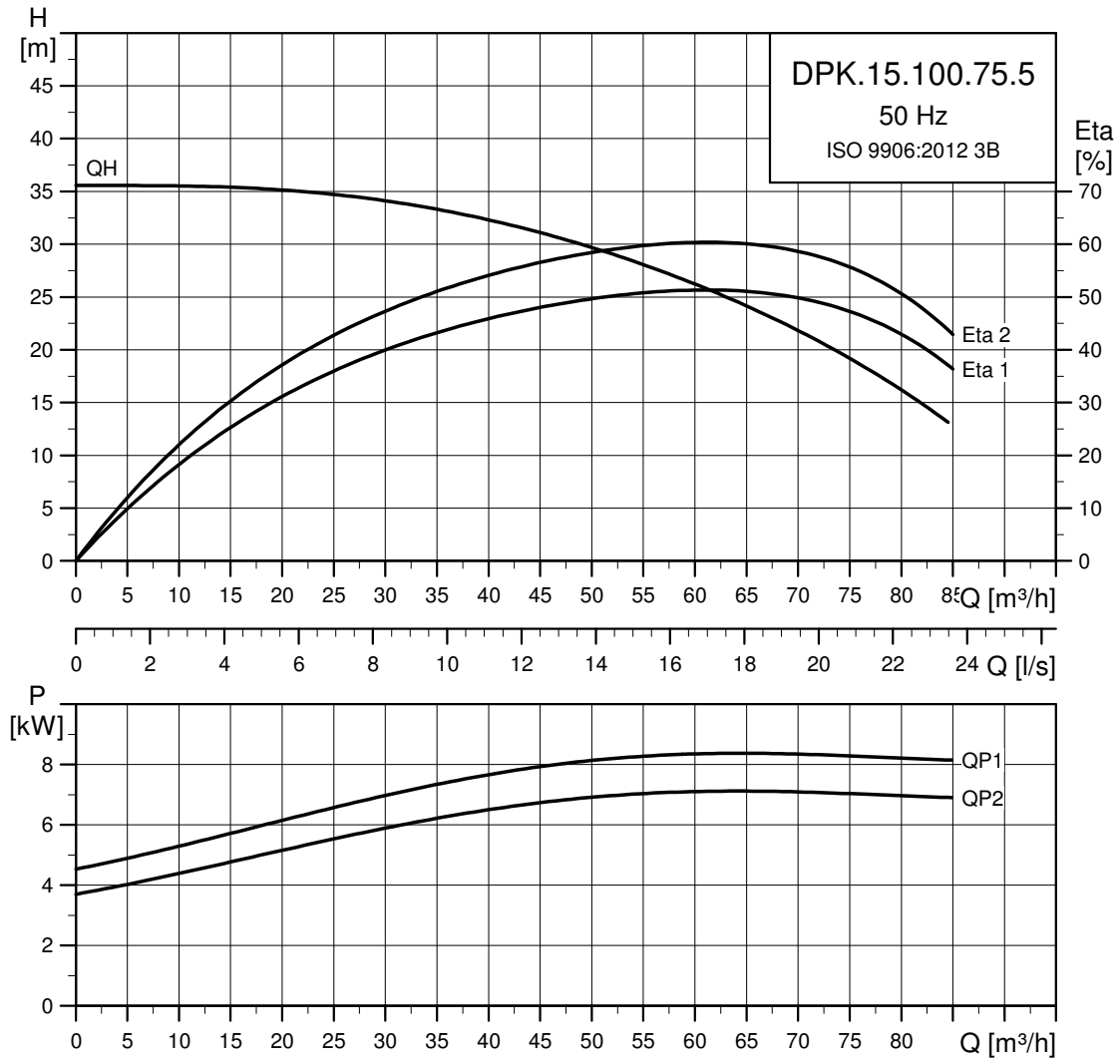
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.15.80.55.5.0D	3 × 380-415 Y	5.5	2850	DOL	11.9	82.2	88.8	88.2	0.82	0.88	0.91	4 × 2.5 mm^2 + 4 × 1 mm^2
DPK.15.80.55.5.0E	3 × 220-240 D	5.5	2850	DOL	20	82.2	88.8	88.2	0.82	0.88	0.91	4 × 4.0 mm^2 + 4 × 1 mm^2
DPK.15.80.55.5.1D	3 × 380-415 D	5.5	2850	Y/D	11.9	82.2	88.8	88.2	0.82	0.88	0.91	7 × 4.0 mm^2 + 4 × 1 mm^2
DPK.15.80.55.5.1E	3 × 220-240 D	5.5	2850	Y/D	20	82.2	88.8	88.2	0.82	0.88	0.91	7 × 4.0 mm^2 + 4 × 1 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.15.80.55.5	Semi-open	15	30	25	68	F	40	4-10

DPK.15.100.75.5



TM04 2880 0417

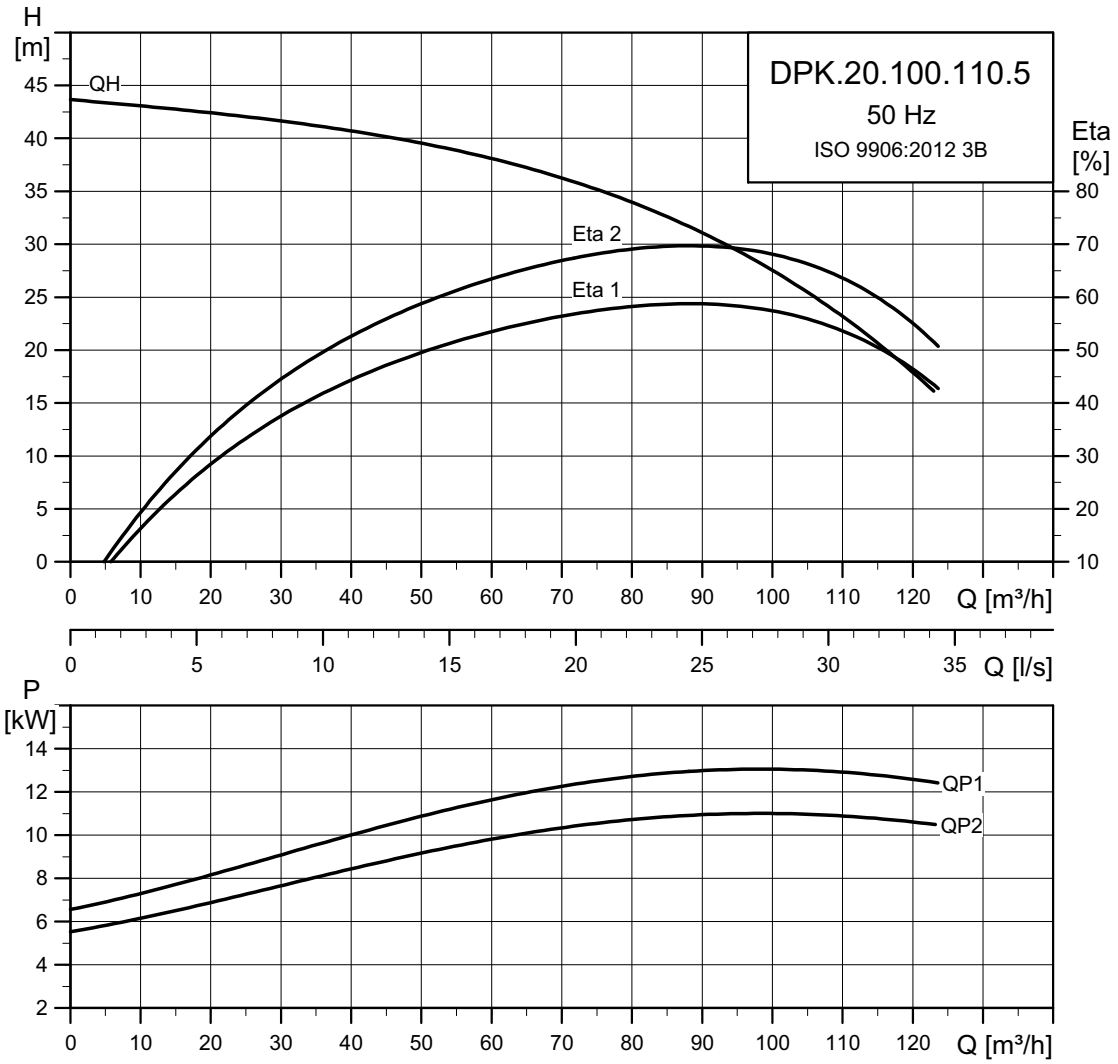
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.15.100.75.5.0D	3 × 380-415 Y	7.5	2850	DOL	16	88.9	89.2	88.3	0.86	0.91	0.92	4 × 4.0 mm^2 + 4 × 1 mm^2
DPK.15.100.75.5.0E	3 × 220-240 D	7.5	2850	DOL	27	88.9	89.2	88.3	0.86	0.91	0.92	4 × 6.0 mm^2 + 4 × 1 mm^2
DPK.15.100.75.5.1D	3 × 380-415 D	7.5	2850	Y/D	16	88.9	89.2	88.3	0.86	0.91	0.92	7 × 4.0 mm^2 + 4 × 1 mm^2
DPK.15.100.75.5.1E	3 × 220-240 D	7.5	2850	Y/D	27	88.9	89.2	88.3	0.86	0.91	0.92	7 × 4.0 mm^2 + 4 × 1 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.15.100.75.5	Semi-open	15	30	25	68	F	40	4-10

DPK.20.100.110.5



TM04 2881 4514

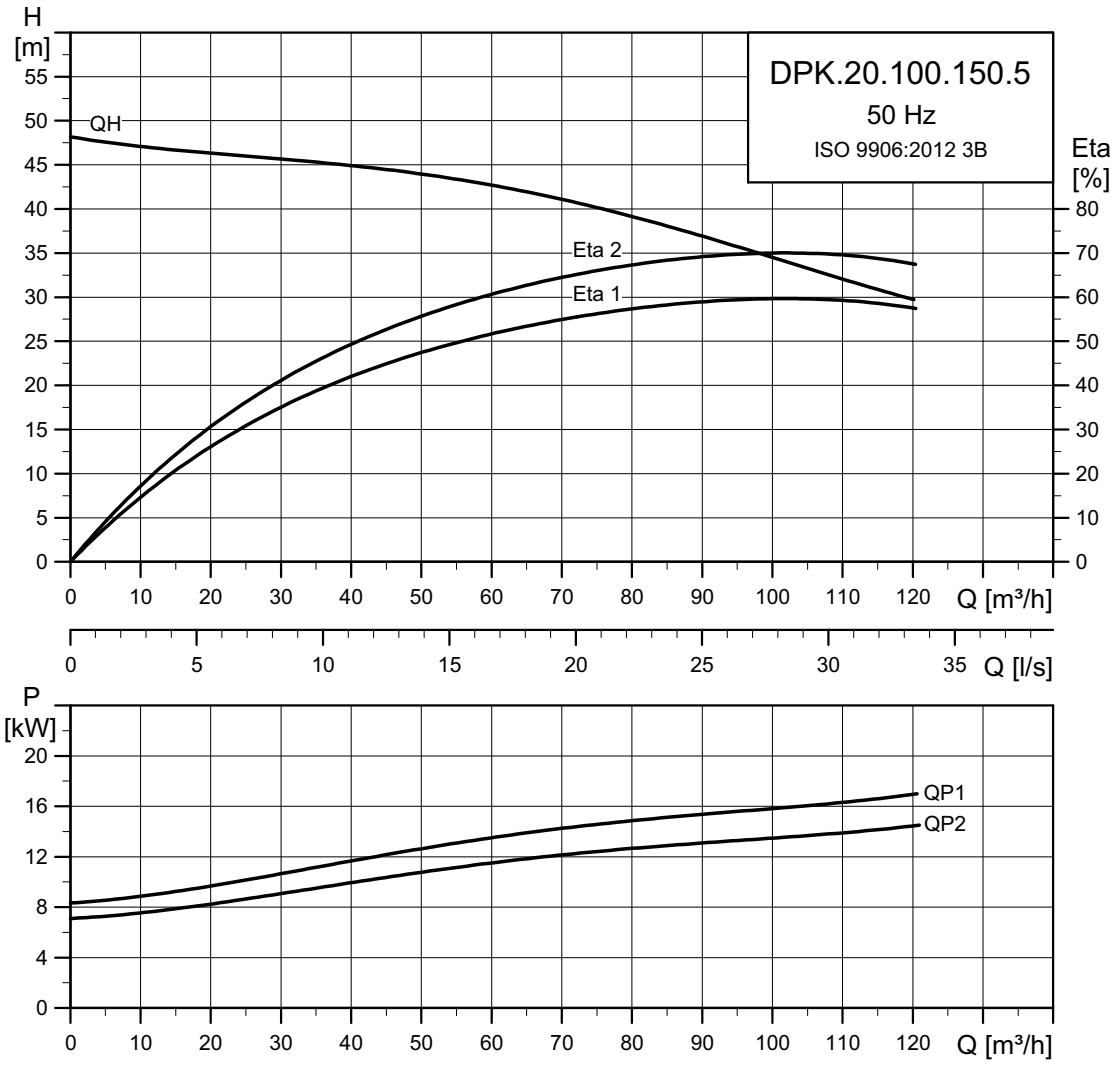
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.20.100.110.5.0D	3 × 380-415 Y	11	2850	DOL	23	89.2	90.0	89.5	0.88	0.91	0.92	4 × 6.0 mm^2 + 4 × 1 mm^2
DPK.20.100.110.5.0E	3 × 220-240 D	11	2850	DOL	40	89.2	90.0	89.5	0.88	0.91	0.92	4 × 10.0 mm^2 + 6 × 1 mm^2
DPK.20.100.110.5.1D	3 × 380-415 D	11	2850	Y/D	23	89.2	90.0	89.5	0.88	0.91	0.92	7 × 4.0 mm^2 + 4 × 1 mm^2
DPK.20.100.110.5.1E	3 × 220-240 D	11	2850	Y/D	40	89.2	90.0	89.5	0.88	0.91	0.92	7 × 6.0 mm^2 + 6 × 1 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.20.100.110.5	Semi-open	20	30	25	68	F	40	4-10

DPK.20.100.150.5



TM04 2882 4514

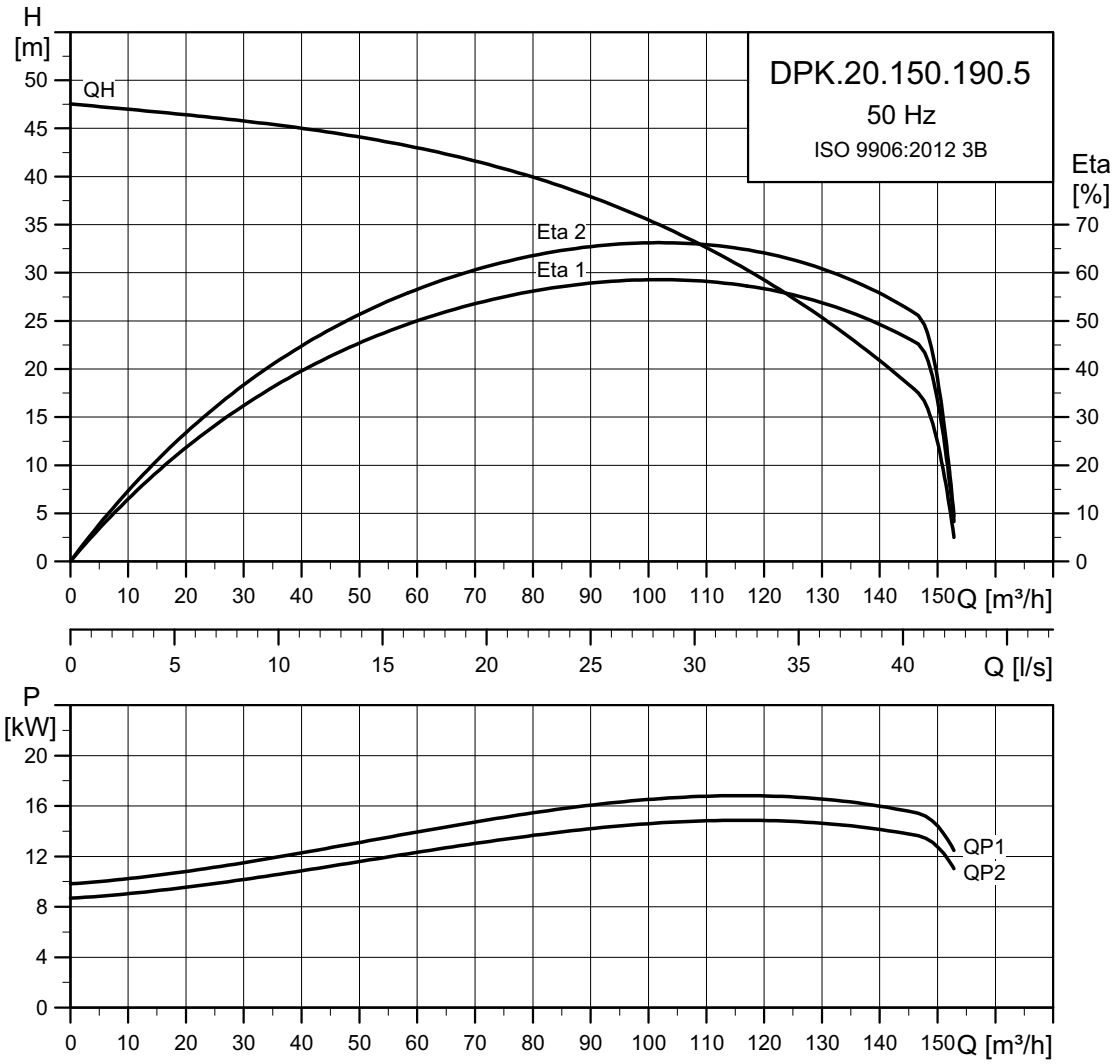
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.20.100.150.5.0D	3 × 380-415 Y	15	2850	DOL	31	85.9	90.3	88.4	0.88	0.91	0.92	4 × 6.0 mm^2 + 4 × 1 mm^2
DPK.20.100.150.5.0E	3 × 220-240 D	15	2850	DOL	53	85.9	90.3	88.4	0.88	0.91	0.92	4 × 10.0 mm^2 + 6 × 1 mm^2
DPK.20.100.150.5.1D	3 × 380-415 D	15	2850	Y/D	31	85.9	90.3	88.4	0.88	0.91	0.92	7 × 4.0 mm^2 + 4 × 1 mm^2
DPK.20.100.150.5.1E	3 × 220-240 D	15	2850	Y/D	53	85.9	90.3	88.4	0.88	0.91	0.92	7 × 6.0 mm^2 + 6 × 1 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.20.100.150.5	Semi-open	20	30	25	68	F	40	4-10

DPK.20.150.190.5



TM04 2883 4514

Electrical data

DPK.20.150.190.5.1D - 3 × 380-415 V

P1	P2	min^{-1}	Starting method	I_N	I_{start} [A]			η_{motor} [%]			Cos φ			Moment of inertia [kgm^2]	Break down torque [N-m]	Cable [mm^2]
[kg]				[A]	380 V	400 V	415 V	1/2	3/4	1/1	1/2	3/4	1/1			[power-sensor]
21.3	19	2850	Y/D	36	222	210	203	86	88	88	0.77	0.85	0.88	0.19	159	6 × 10 + 1 × 6+ 6 × 1.5

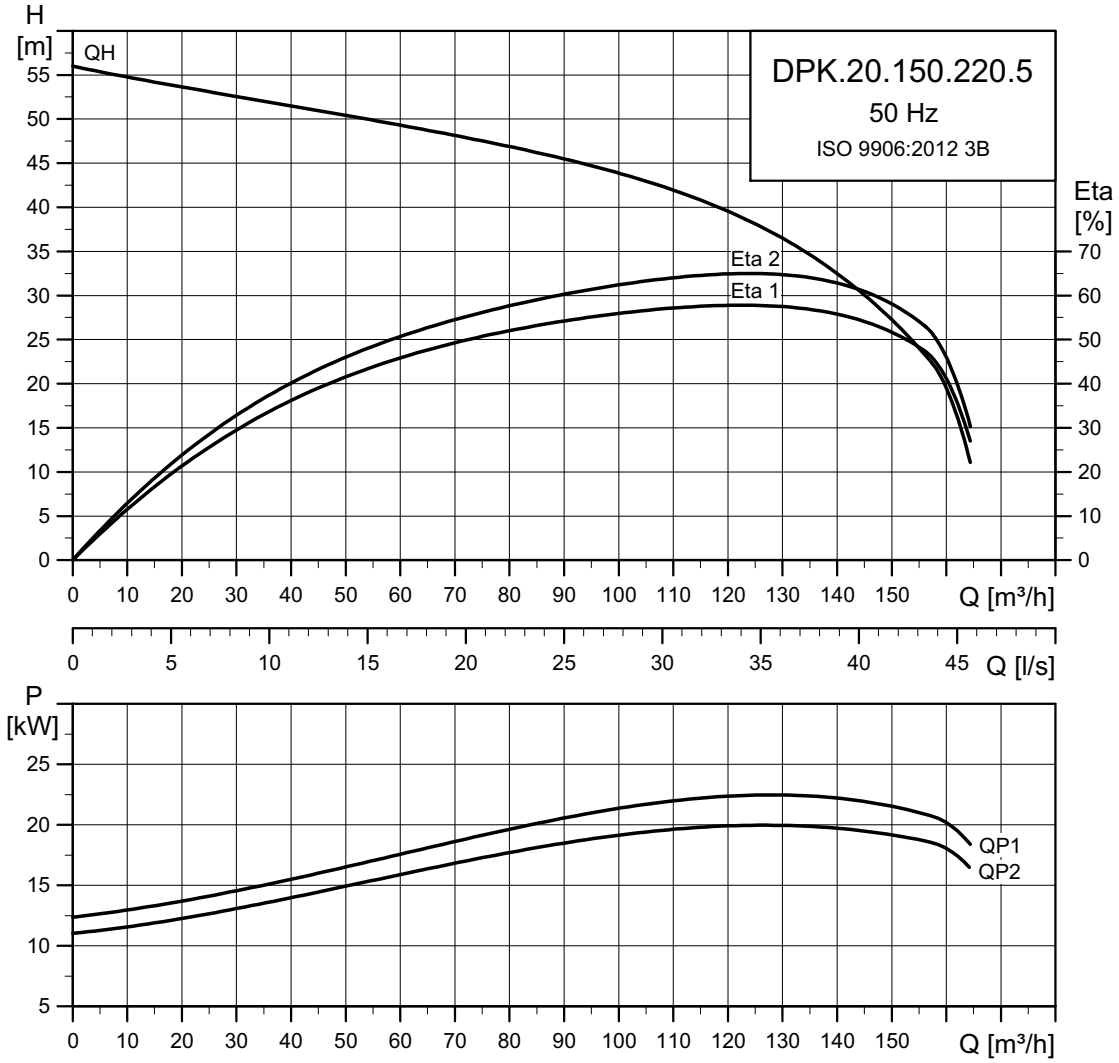
DPK.20.150.190.5.1E - 3 × 220-240 V

P1	P2	min^{-1}	Starting method	I_N	I_{start} [A]		η_{motor} [%]			Cos φ			Moment of inertia [kgm^2]	Break down torque [N-m]	Cable [mm^2]
[kg]				[A]	220 V	240 V	1/2	3/4	1/1	1/2	3/4	1/1			[power-sensor]
21.3	19	2850	Y/D	63	427	405	86	88	88	0.77	0.85	0.88	0.19	159	6 × 16 + 1 × 10 + 6 × 1.5

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.20.150.190.5	Semi-open	20	18	25	68	F	40	4-10

DPK.20.150.220.5



TM04 2884 4514

Electrical data

DPK.20.150.220.5.1D - 3 × 380-415 V

P1	P2	min^{-1}	Starting method	I_N	I_{start} [A]			η_{motor} [%]			Cos φ			Moment of inertia [kgm^2]	Break down torque [N-m]	Cable [mm^2]
[kg]				[A]	380 V	400 V	415 V	1/2	3/4	1/1	1/2	3/4	1/1			[power-sensor]
21.3	22	2850	Y/D	43	247	234	226	87	89	89	0.75	0.82	0.86	0.21	184	6 × 10 + 1 × 6+ 6 × 1.5

DPK.20.150.220.5.1E - 3 × 220-240 V

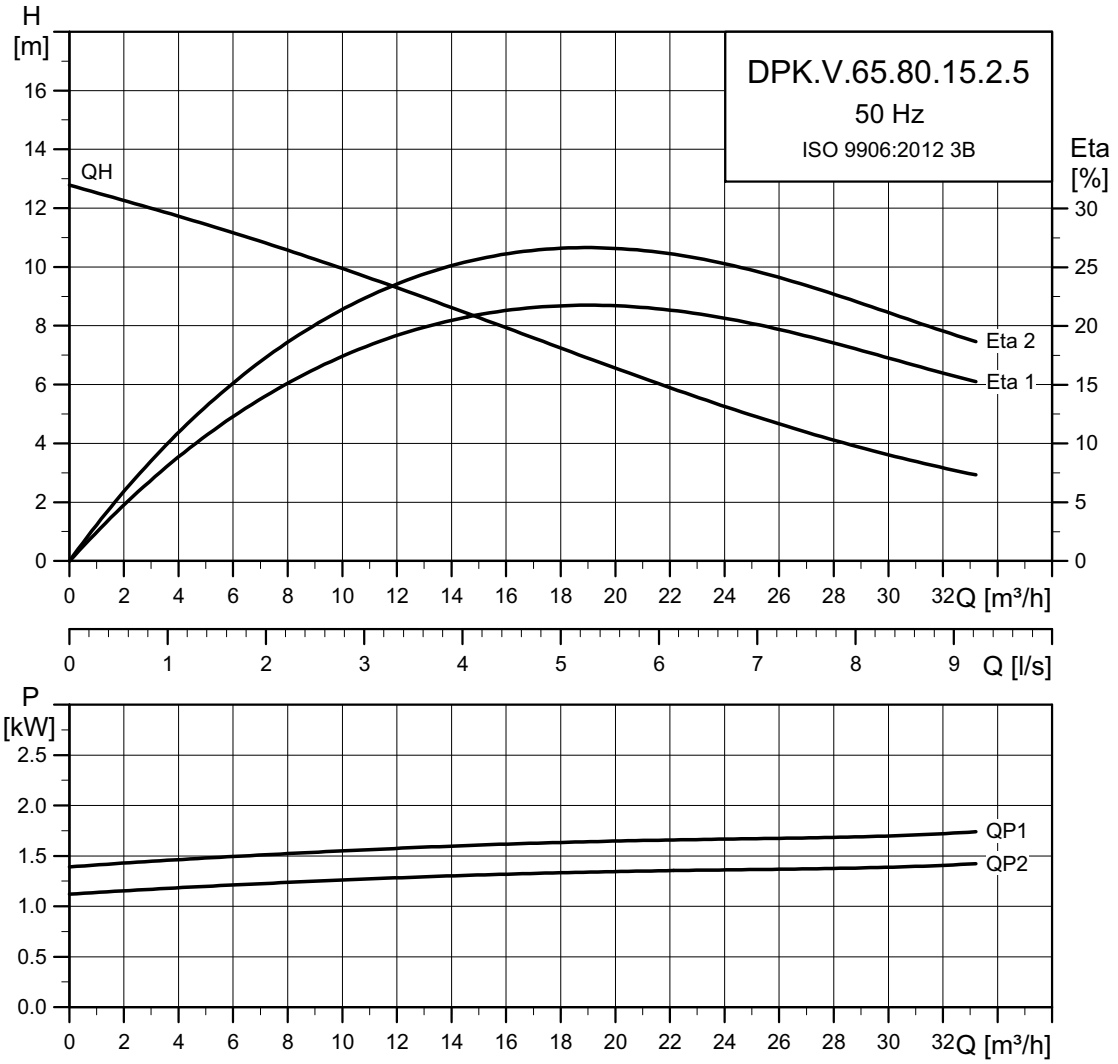
P1	P2	min^{-1}	Starting method	I_N	I_{start} [A]		η_{motor} [%]			Cos φ			Moment of inertia [kgm^2]	Break down torque [N-m]	Cable [mm^2]
[kg]				[A]	220 V	240 V	1/2	3/4	1/1	1/2	3/4	1/1			[power-sensor]
21.3	22	2850	Y/D	75	427	405	87	89	89	0.75	0.82	0.86	0.21	184	6 × 16 + 1 × 10 + 6 × 1.5

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.20.150.220.5	Semi-open	20	18	25	68	F	40	4-10

DPK.V

DPK.V.65.80.15.2



TM06 5781 0216

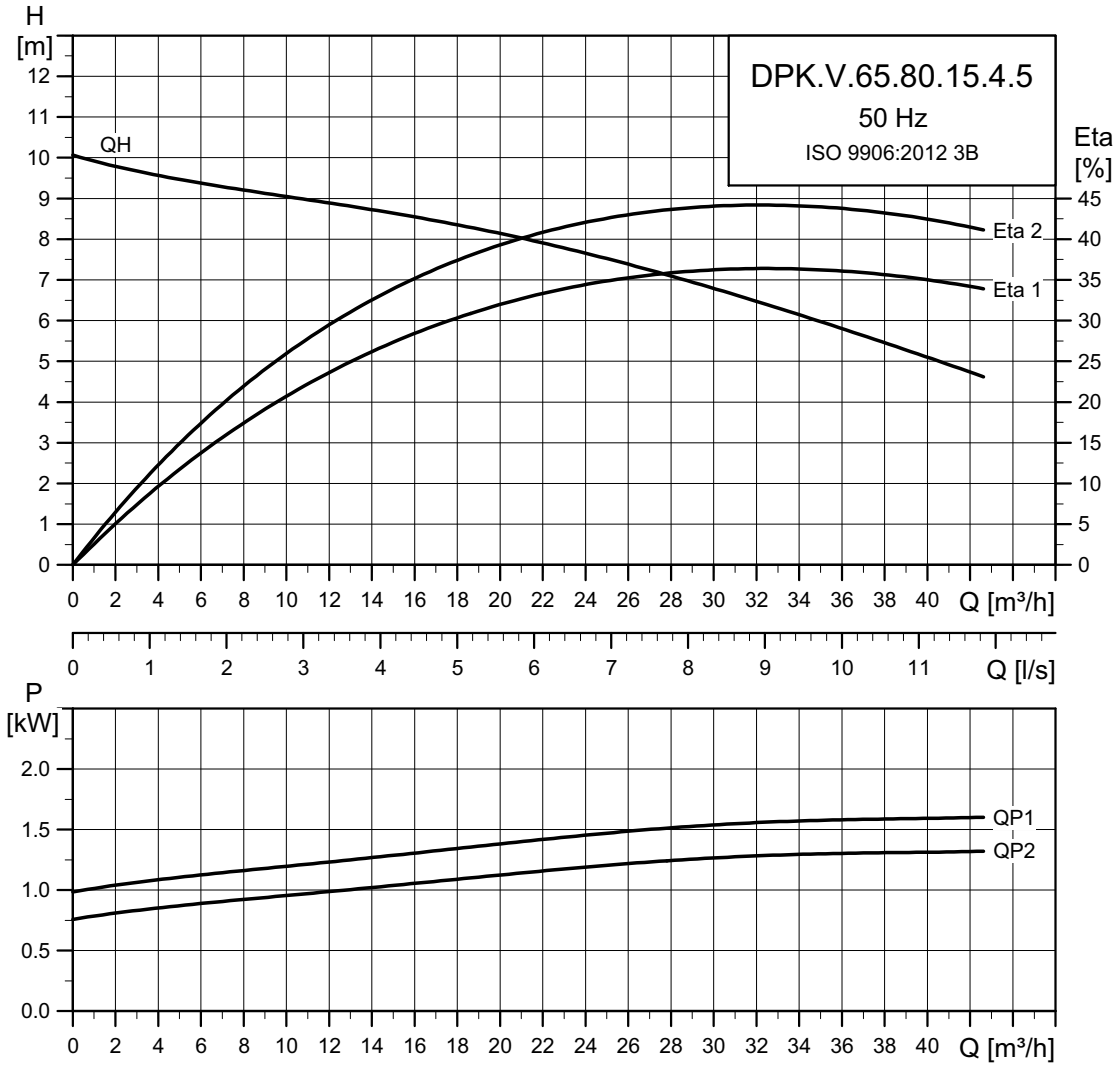
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.V.65.80.15.2.5.0D	3 × 380-415 Y	1.5	2850	DOL	3.1	78.0	82.1	83.0	0.68	0.78	0.85	4 × 1.5 mm^2 + 4 × 1.0 mm^2
DPK.V.65.80.15.2.5.0E	3 × 220-240 D	1.5	2850	DOL	5.3	78.0	82.1	83.0	0.68	0.78	0.85	4 × 1.5 mm^2 + 4 × 1.0 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.V.65.80.15.2	SuperVortex	65	20	20	68	F	40	4-10

DPK.V.65.80.15.4



TM06 5786 0216

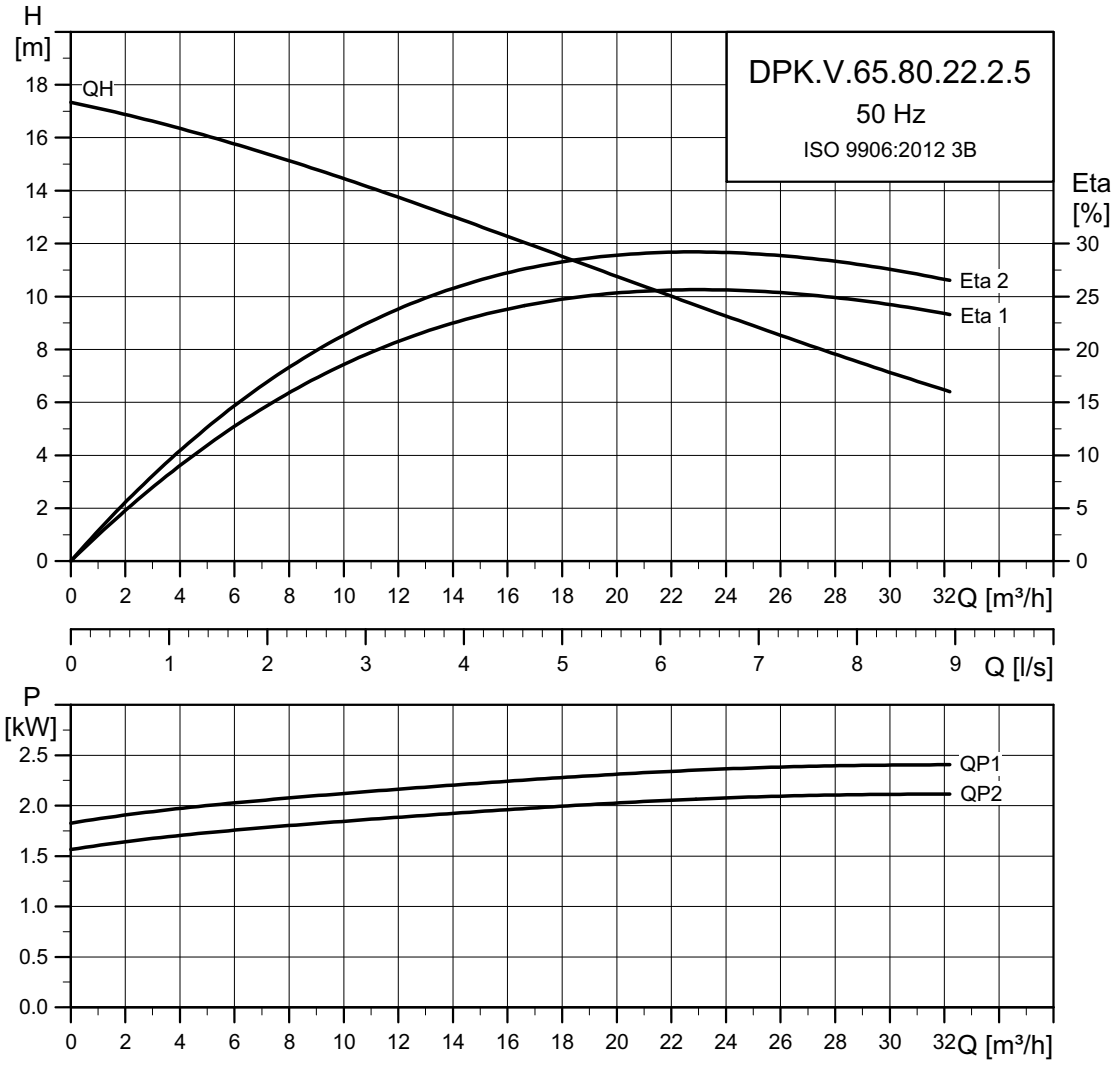
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.V.65.80.15.4.5.0D	3 × 380-415 Y	1.5	1415	DOL	3.4	76.6	80.0	78.8	0.69	0.79	0.84	4 × 1.5 mm^2 + 4 × 1.0 mm^2
DPK.V.65.80.15.4.5.0E	3 × 220-240 D	1.5	1415	DOL	5.9	76.6	80.0	78.8	0.69	0.79	0.84	4 × 1.5 mm^2 + 4 × 1.0 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.V.65.80.15.4	SuperVortex	65	20	20	68	F	40	4-10

DPK.V.65.80.22.2



TM06 5782 0216

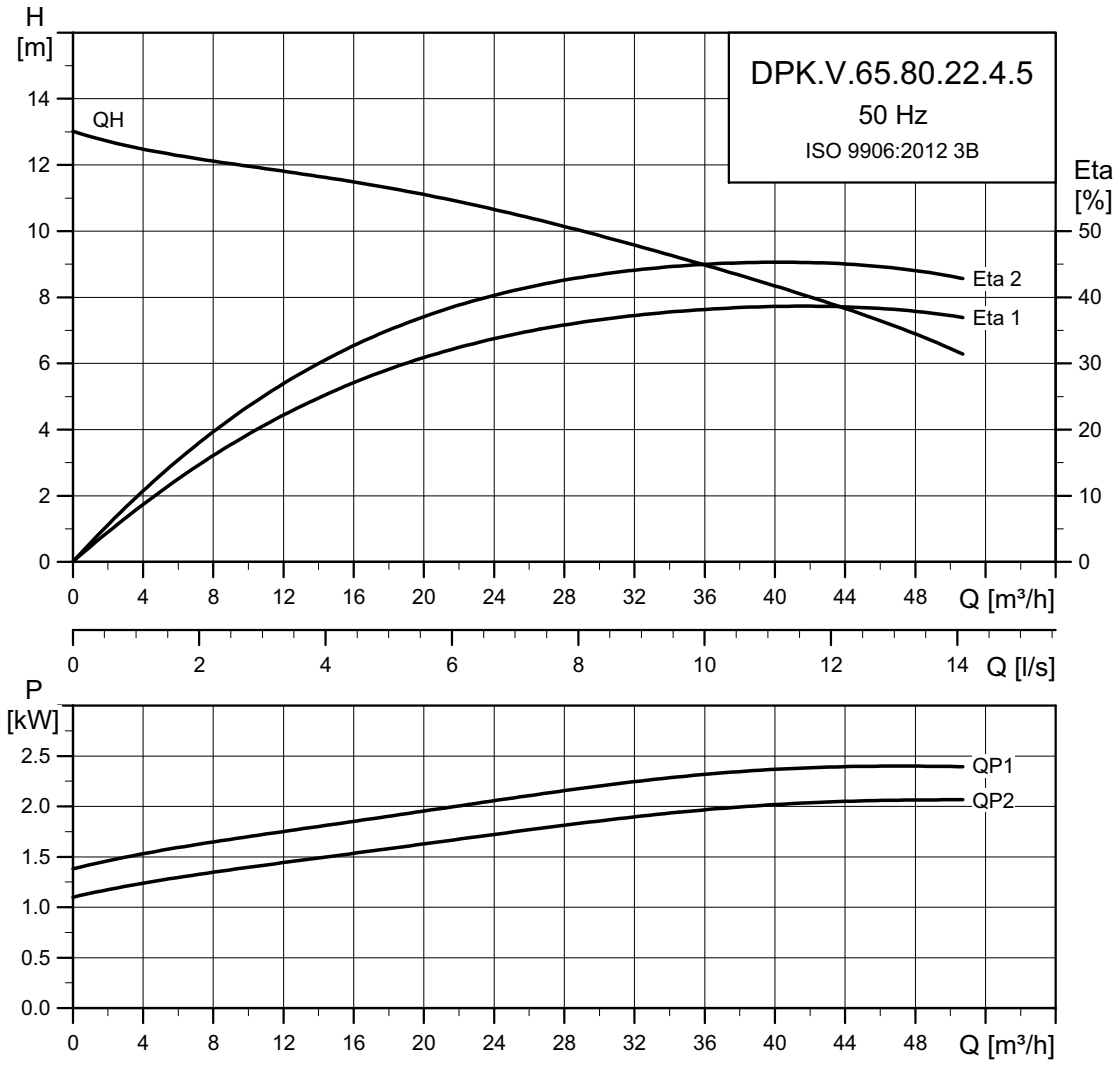
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.V.65.80.22.2.5.0D	3 × 380-415 Y	2.2	2850	DOL	4.2	79.8	83.1	86.1	0.71	0.82	0.89	4 × 1.5 mm^2 + 4 × 1.0 mm^2
DPK.V.65.80.22.2.5.0E	3 × 220-240 D	2.2	2850	DOL	7.2	79.8	83.1	86.1	0.71	0.82	0.89	4 × 1.5 mm^2 + 4 × 1.0 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.V.65.80.22.2	SuperVortex	65	20	20	68	F	40	4-10

DPK.V.65.80.22.4



TM06 5787 0216

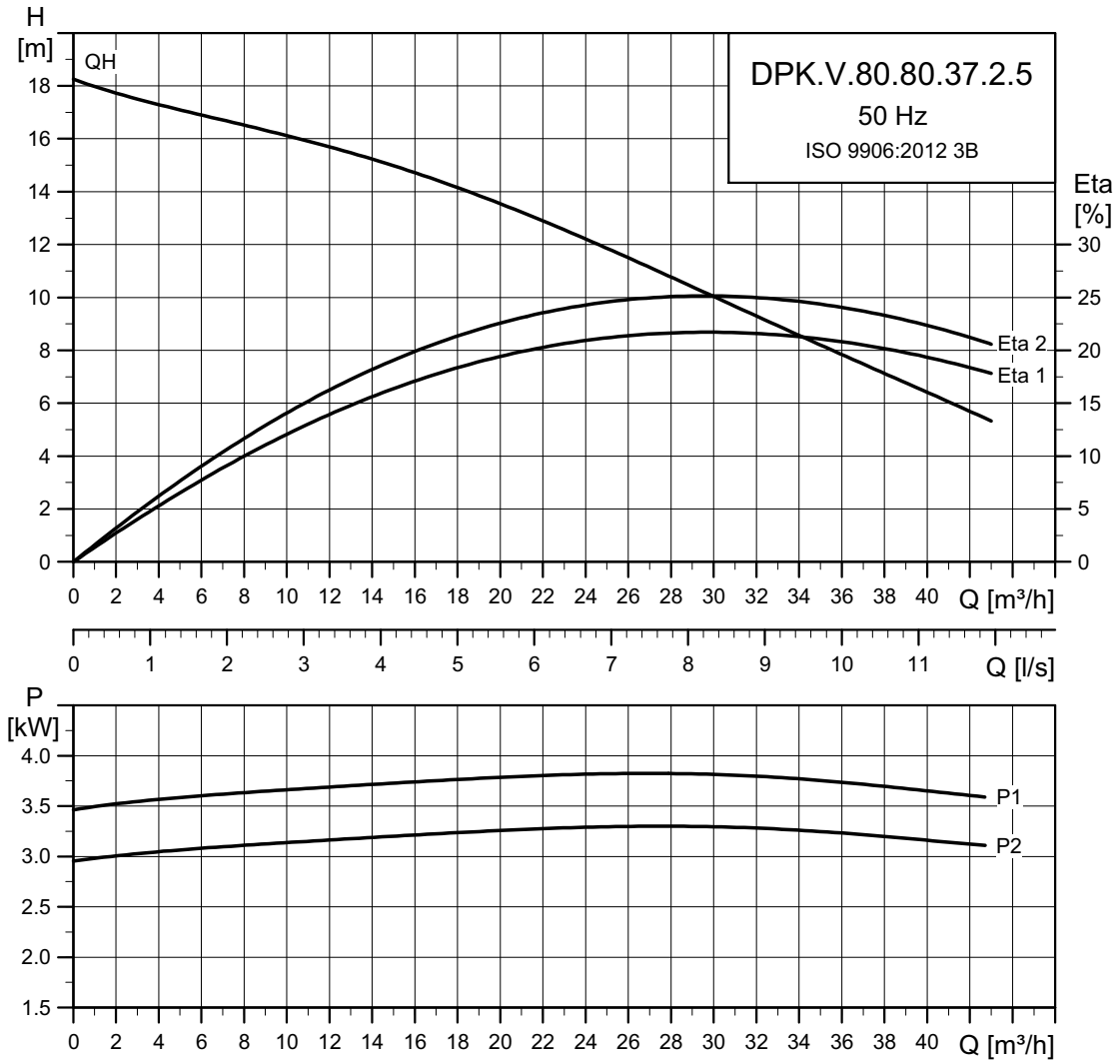
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.V.65.80.22.4.5.0D	3 × 380-415 Y	2.2	1412	DOL	4.9	77.2	80.1	79.2	0.70	0.80	0.85	4 × 1.5 mm^2 + 4 × 1.0 mm^2
DPK.V.65.80.22.4.5.0E	3 × 220-240 D	2.2	1412	DOL	8.5	77.2	80.1	79.2	0.70	0.80	0.85	4 × 1.5 mm^2 + 4 × 1.0 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.V.65.80.22.4	SuperVortex	65	20	20	68	F	40	4-10

DPK.V.80.80.37.2



TM06 6213 0816

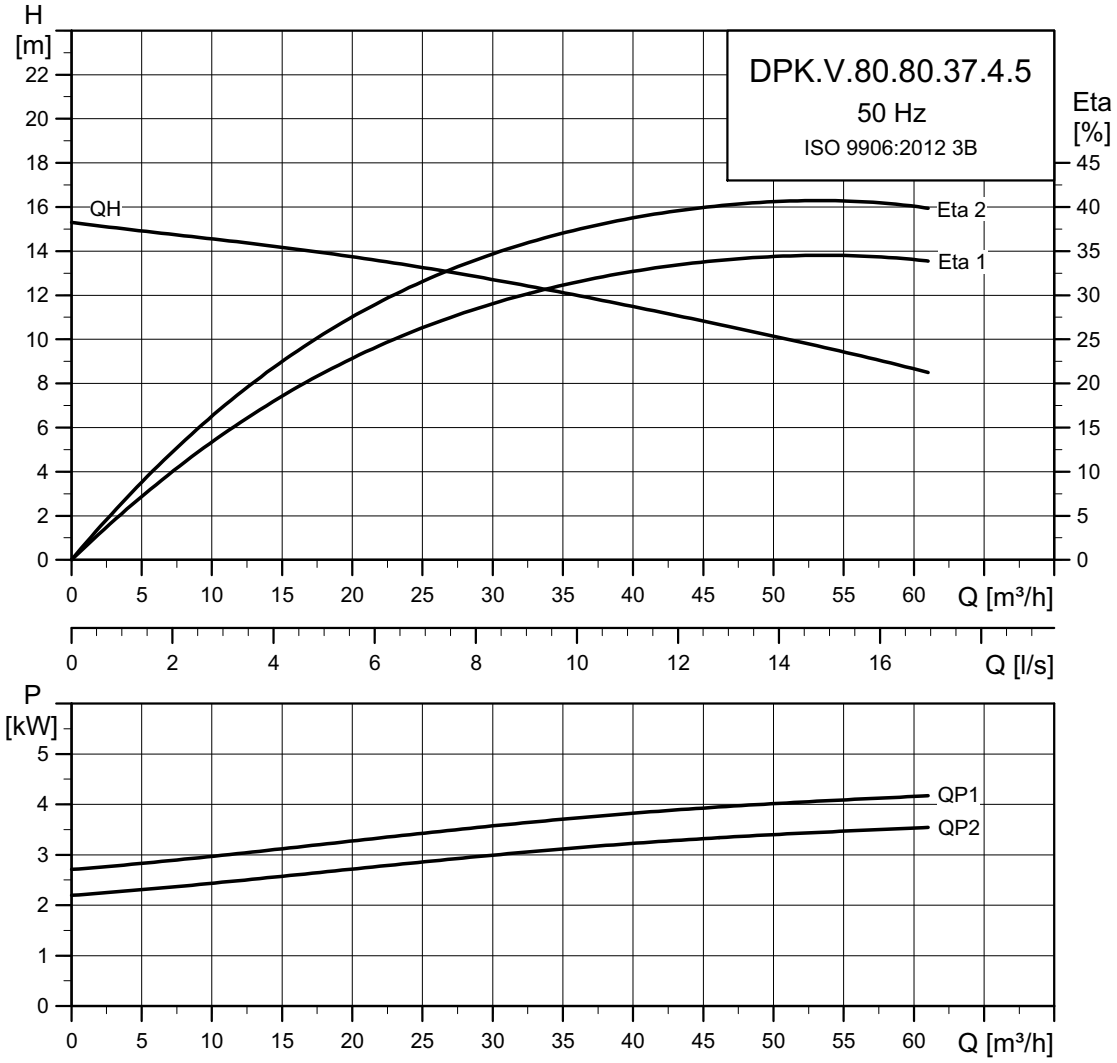
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.V.80.80.37.2.5.0D	3 × 380-415 Y	3.7	2850	DOL	6.7	85.0	86.6	86.9	0.79	0.87	0.92	4 × 1.5 mm^2 + 4 × 1.0 mm^2
DPK.V.80.80.37.2.5.0E	3 × 220-240 D	3.7	2850	DOL	11.6	85.0	86.6	86.9	0.79	0.87	0.92	4 × 2.5 mm^2 + 4 × 1.0 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.V.80.80.37.2	SuperVortex	80	20	20	68	F	40	4-10

DPK.V.80.80.37.4



TM06 5783 0216

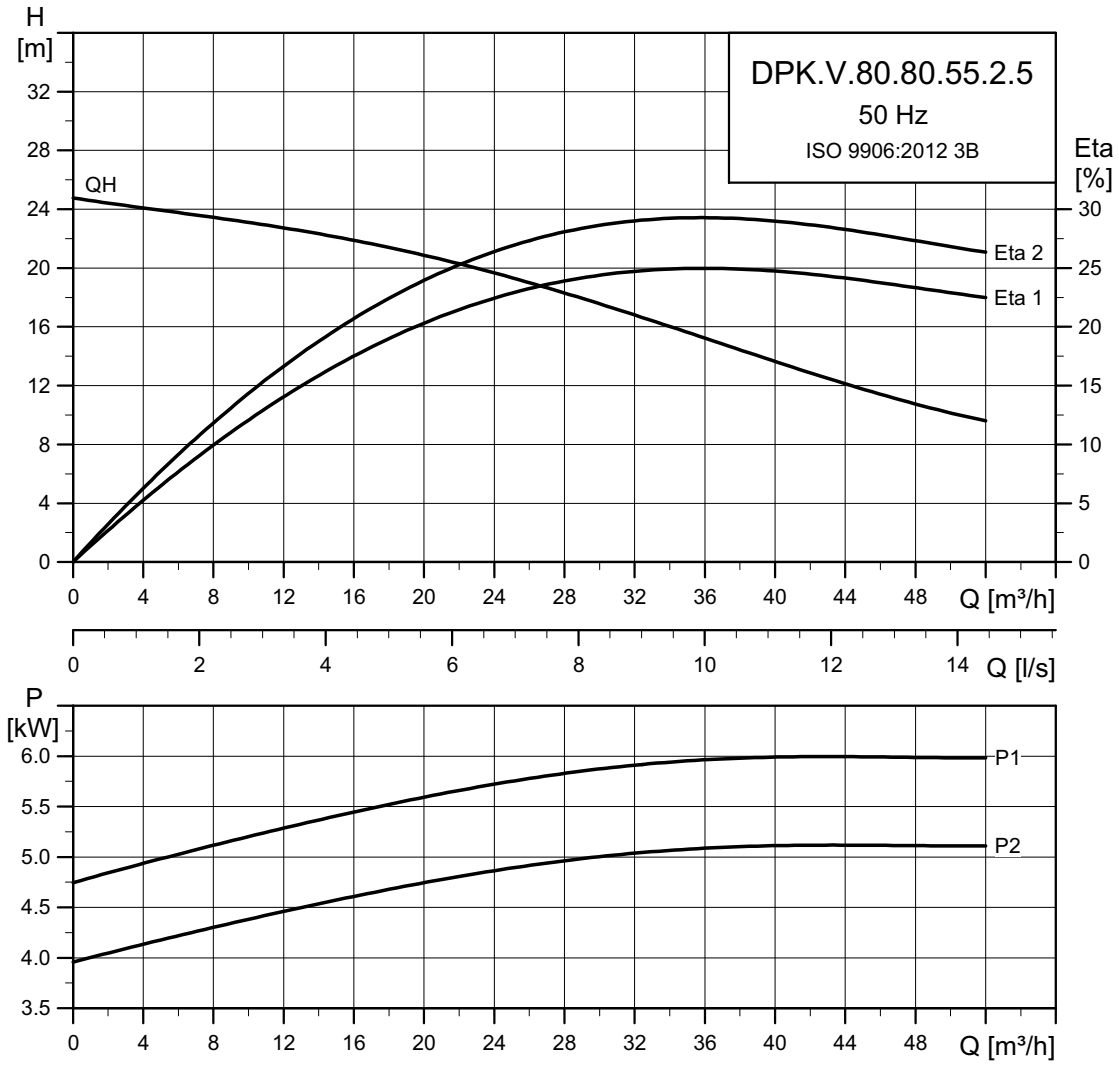
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.V.80.80.37.4.5.0D	3 × 380-415 Y	3.7	1446	DOL	7.7	81.6	85.2	84.5	0.71	0.80	0.84	4 × 1.5 mm^2 + 4 × 1.0 mm^2
DPK.V.80.80.37.4.5.0E	3 × 220-240 D	3.7	1446	DOL	13.4	81.6	85.2	84.5	0.71	0.80	0.84	4 × 2.5 mm^2 + 4 × 1.0 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.V.80.80.37.4	SuperVortex	80	20	20	68	F	40	4-10

DPK.V.80.80.55.2



TM06 6214 0816

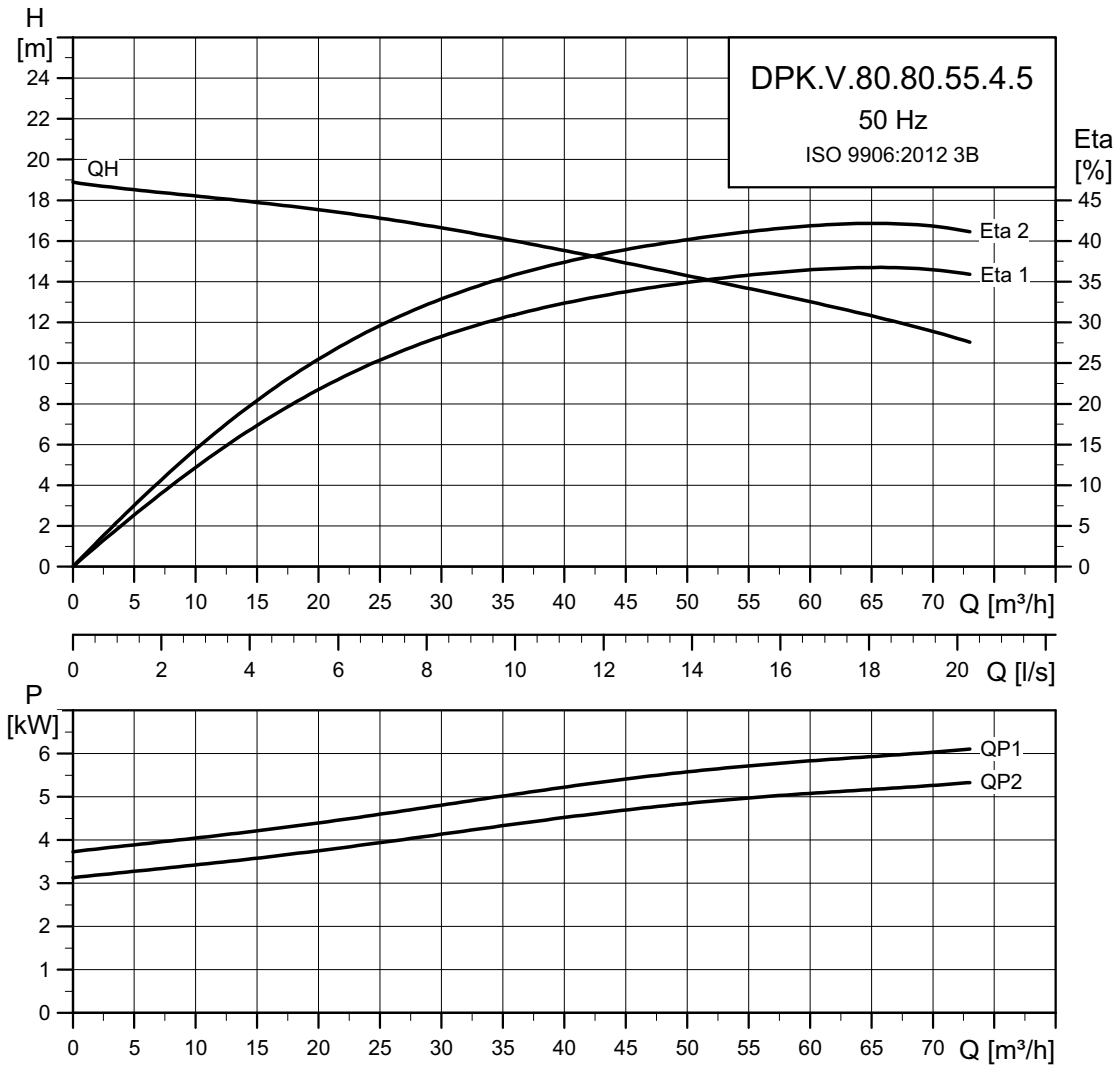
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.V.80.80.55.2.5.0D	3 × 380-415 Y	5.5	2850	DOL	10.3	83.7	85.2	86.3	0.79	0.86	0.90	4 × 2.5 mm^2 + 4 × 1.0 mm^2
DPK.V.80.80.55.2.5.1D	3 × 380-415 D	5.5	2850	Y/D	10.3	83.7	85.2	86.3	0.79	0.86	0.90	7 × 4.0 mm^2 + 4 × 1.0 mm^2
DPK.V.80.80.55.2.5.0E	3 × 220-240 D	5.5	2850	DOL	17.8	83.7	85.2	86.3	0.79	0.86	0.90	4 × 4.0 mm^2 + 4 × 1.0 mm^2
DPK.V.80.80.55.2.5.1E	3 × 220-240 D	5.5	2850	Y/D	17.8	83.7	85.2	86.3	0.79	0.86	0.90	7 × 4.0 mm^2 + 4 × 1.0 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.V.80.80.55.2	SuperVortex	80	20	20	68	F	40	4-10

DPK.V.80.80.55.4



TM06 5784 0216

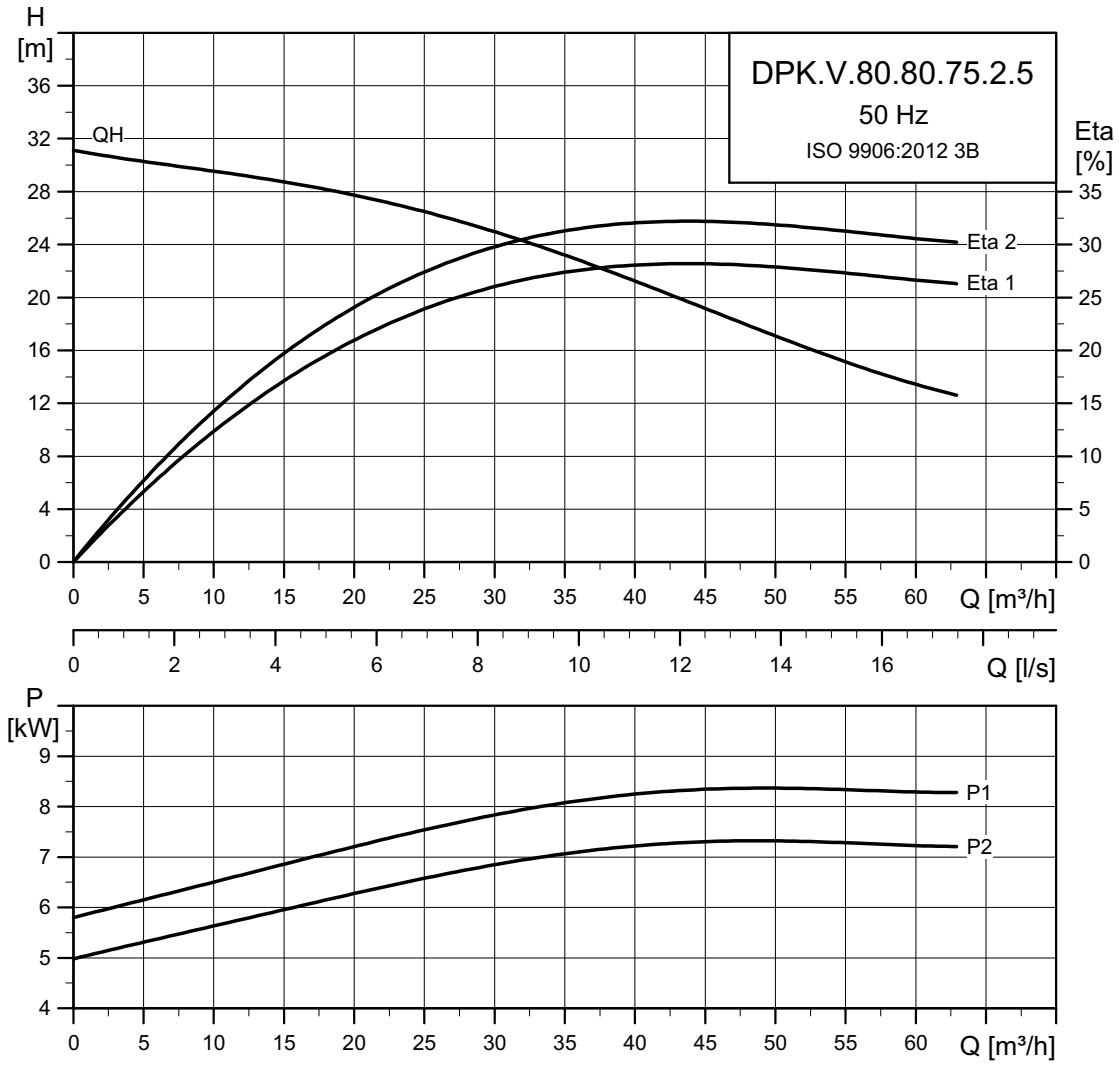
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.V.80.80.55.4.5.0D	3 × 380-415 Y	5.5	1140	DOL	11.2	81.7	85.4	84.8	0.725	0.81	0.86	4 × 2.5 mm^2 + 4 × 1.0 mm^2
DPK.V.80.80.55.4.5.1D	3 × 380-415 D	5.5	1140	Y/D	11.2	81.7	85.4	84.8	0.725	0.81	0.86	7 × 4.0 mm^2 + 4 × 1.0 mm^2
DPK.V.80.80.55.4.5.0E	3 × 220-240 D	5.5	1140	DOL	19.4	81.7	85.4	84.8	0.725	0.81	0.86	4 × 4.0 mm^2 + 4 × 1.0 mm^2
DPK.V.80.80.55.4.5.1E	3 × 220-240 D	5.5	1140	Y/D	19.4	81.7	85.4	84.8	0.725	0.81	0.86	7 × 4.0 mm^2 + 4 × 1.0 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.V.80.80.55.4	SuperVortex	80	20	20	68	F	40	4-10

DPK.V.80.80.75.2



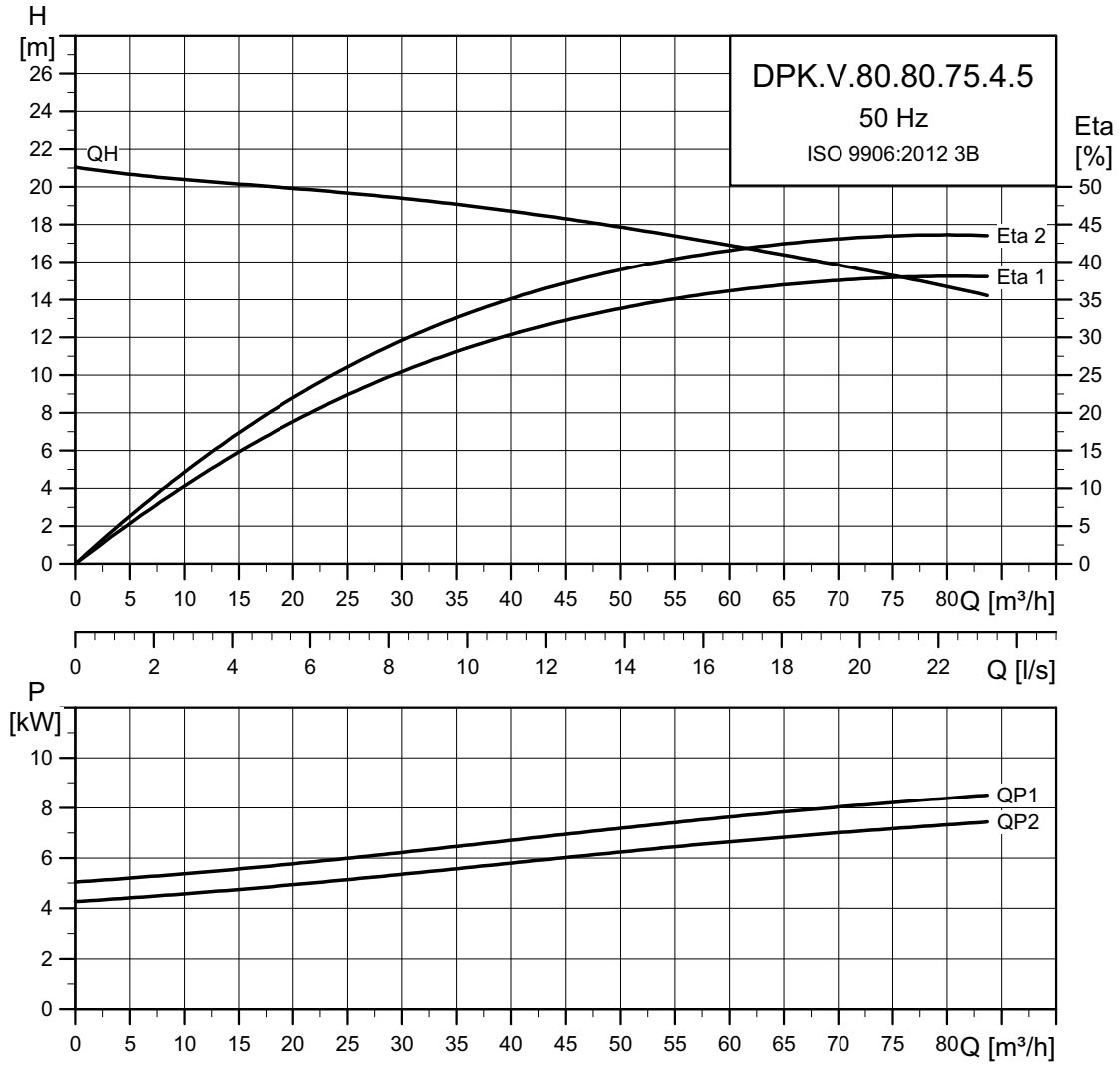
Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.V.80.80.75.2.5.0D	3 × 380-415 Y	7.5	2850	DOL	13.5	86.4	86.8	88.7	0.83	0.88	0.91	4 × 4.0 mm^2 + 4 × 1.0 mm^2
DPK.V.80.80.75.2.5.1D	3 × 380-415 D	7.5	2850	Y/D	13.5	86.4	86.8	88.7	0.83	0.88	0.91	7 × 4.0 mm^2 + 4 × 1.0 mm^2
DPK.V.80.80.75.2.5.0E	3 × 220-240 D	7.5	2850	DOL	23.3	86.4	86.8	88.7	0.83	0.88	0.91	4 × 6.0 mm^2 + 4 × 1.0 mm^2
DPK.V.80.80.75.2.5.1E	3 × 220-240 D	7.5	2850	Y/D	23.3	86.4	86.8	88.7	0.83	0.88	0.91	7 × 4.0 mm^2 + 4 × 1.0 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.V.80.80.75.2	SuperVortex	80	20	20	68	F	40	4-10

DPK.V.80.80.75.4



TM06 5785 0216

Electrical data

Pump type	Voltage [V]	P2 [kW]	min^{-1}	Starting method	I_N	η_{motor} [%]			Cos φ			Cable
					[A]	1/2	3/4	1/1	1/2	3/4	1/1	
DPK.V.80.80.75.4.5.0D	3 × 380-415 Y	7.5	1440	DOL	14.9	82.8	86.1	85.8	0.73	0.81	0.87	4 × 4.0 mm^2 + 4 × 1.0 mm^2
DPK.V.80.80.75.4.5.1D	3 × 380-415 D	7.5	1440	Y/D	14.9	82.8	86.1	85.8	0.73	0.81	0.87	7 × 4.0 mm^2 + 4 × 1.0 mm^2
DPK.V.80.80.75.4.5.0E	3 × 220-240 D	7.5	1440	DOL	25.8	82.8	86.1	85.8	0.73	0.81	0.87	4 × 6.0 mm^2 + 4 × 1.0 mm^2
DPK.V.80.80.75.4.5.1E	3 × 220-240 D	7.5	1440	Y/D	25.8	82.8	86.1	85.8	0.73	0.81	0.87	7 × 4.0 mm^2 + 4 × 1.0 mm^2

Pump data

Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.V.80.80.75.4	SuperVortex	80	20	20	68	F	40	4-10

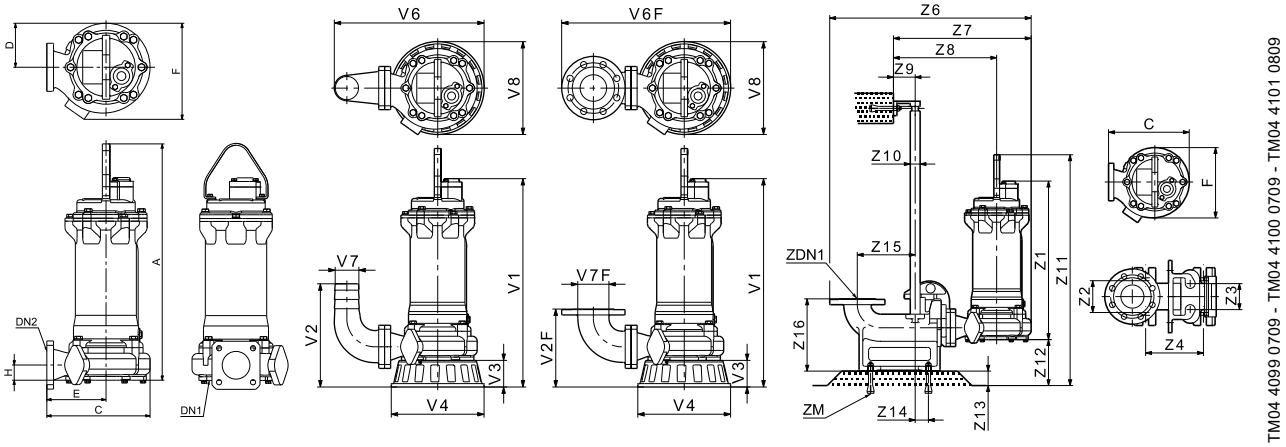
Pump type	Impeller type	Maximum solids size [mm]	Maximum number of starts per hour	Maximum installation depth [m]	Enclosure class	Insulation class	Maximum liquid temperature [°C]	pH
DPK.V.65.80.15.2	SuperVortex	65	20	20	68	F	40	4-10

11. Dimensions and weights

All weights are stated with 10 m cable.

Without accessories | **Ring stand** | **Auto coupling**

Hose connection | Flange connection



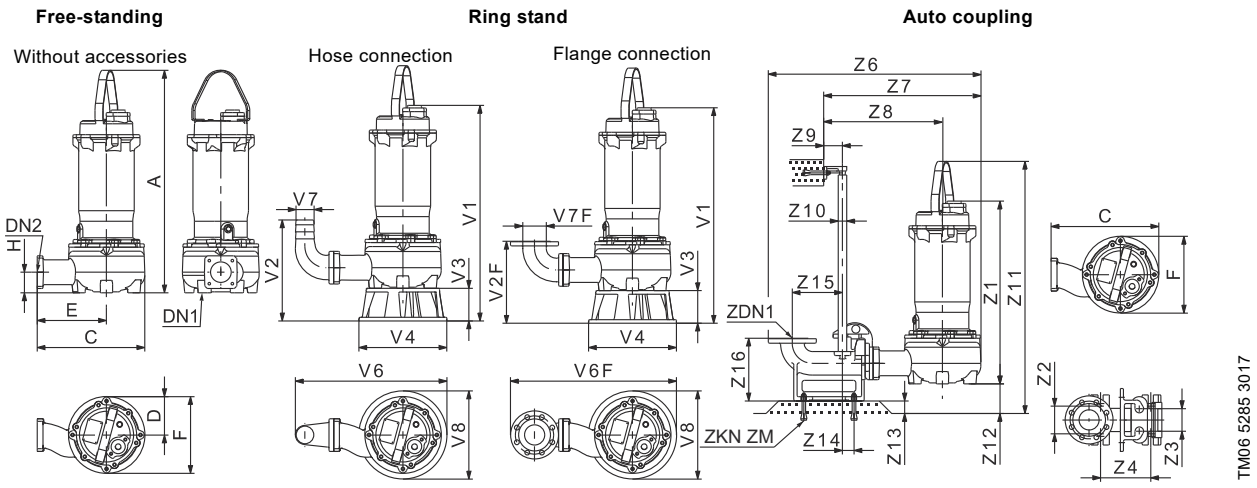
TM04 4099 0709 - TM04 4100 0709 - TM04 4101 0809

Inst. type	Pump type	Dimensions [mm]								Weight [kg]
		A	C	D	E	F	H	DN1	DN2	
Without accessories	DPK.10.50.075	398	226	88	127	196	40	48	See section *Outlet connection*.	31
	DPK.10.50.15	428	226	88	127	196	40	48		35
	DPK.10.80.22	456	246	102	145	212	46	48		40
	DPK.15.80.30	575	279	119	160	246	39	75		47
	DPK.15.80.37	625	279	119	160	246	39	75		60
	DPK.15.80.55	792	380	142	222	317	66	75		113
	DPK.15.100.75	792	375	138	220	312	59	72		118
	DPK.20.100.110	840	375	151	220	325	59	90		166
	DPK.20.100.150	840	375	151	220	325	59	90		177
	DPK.20.150.190	1023	483	181	432	416	113	110		300
	DPK.20.150.220	1023	483	181	432	416	113	110		300

Inst. type	Pump type	Dimensions [mm]									
		V1	V2	V2F	V3	V4	V6	V6F	V7	V7F	V8
Ring stand	DPK.10.50.075	425	232	202	70	223	354	384	50	50	223
	DPK.10.50.15	452	232	202	70	223	354	384	50	50	223
	DPK.10.80.22	498	306	230	85	235	415	477	74	80	235
	DPK.15.80.30	555	309	233	80	280	452	514	74	80	280
	DPK.15.80.37	597	309	233	80	280	452	514	74	80	280
	DPK.15.80.55	734	356	280	100	350	549	611	74	80	350
	DPK.15.100.75	734	384	309	100	350	572	630	100	100	350
	DPK.20.100.110	780	384	309	100	350	572	630	100	100	350
	DPK.20.100.150	780	384	309	100	350	572	630	100	100	350
	DPK.20.150.190	1163	513	362	90	380	708	778	150	150	407
	DPK.20.150.220	1163	513	362	90	380	708	778	150	150	407

Inst. type	Pump type	Dimensions [mm]																	
		C	F	Z1	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	ZDN1	ZM
Auto coupling	DPK.10.50.075	226	196	355	120	70	120	569	396	284	50	33.7	558	160	50	28	140	250	50	4 × M16 × 200
	DPK.10.50.15	226	196	382	120	70	120	569	396	284	50	33.7	588	160	50	28	140	250	50	4 × M16 × 200
	DPK.10.80.22	246	212	413	130	90	200	685	460	342	75	33.7	610	154	50	46	200	250	80	4 × M16 × 200
	DPK.15.80.30	279	246	475	130	90	200	701	476	357	75	33.7	736	161	50	46	200	250	80	4 × M16 × 200
	DPK.15.80.37	279	246	517	130	90	200	701	476	357	75	33.7	786	161	50	46	200	250	80	4 × M16 × 200
	DPK.15.80.55	380	317	634	130	90	200	802	577	419	75	33.7	926	134	50	46	200	250	80	4 × M16 × 200
	DPK.15.100.75	375	312	634	150	90	200	870	585	430	75	42.1	983	191	50	51	250	350	100	4 × M16 × 200
	DPK.20.100.110	375	325	680	150	90	200	884	599	430	75	42.1	1031	191	50	51	250	350	100	4 × M16 × 200
	DPK.20.100.150	375	325	680	150	90	200	884	599	430	75	42.1	1031	191	50	51	250	350	100	4 × M16 × 200
	DPK.20.150.190	483	416	1078	250	150	300	1083	743	540	90	48.3	1199	164	80	65	290	450	150	M20 × 200L
	DPK.20.150.220	483	416	1078	250	150	300	1083	743	540	90	48.3	1199	164	80	65	290	450	150	M20 × 200L

DPK.V

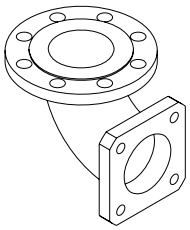
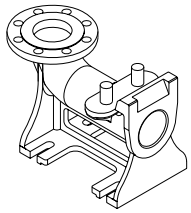
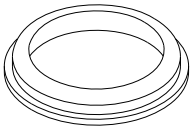
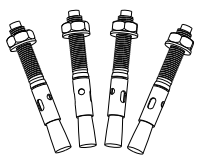


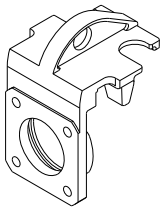
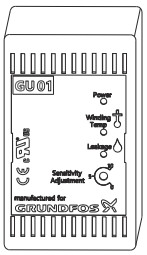
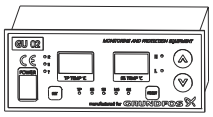
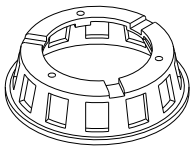
Inst. type	Pump type	Dimensions [mm]								Weight [kg]
		A	C	D	E	F	H	DN1	DN2	
Without accessories	DPK.V.65.80.15.2	548	372	125	247	250	103	65	See section *Outlet connection*	58.6
	DPK.V.65.80.15.4	715	410	165	245	329	85	65		75.5
	DPK.V.65.80.22.2	568	372	125	247	250	103	65		62.6
	DPK.V.65.80.22.4	715	410	165	245	329	85	65		78.5
	DPK.V.80.80.37.2	728	429	153	276	306	82	80		79.9
	DPK.V.80.80.37.4	895	460	193	267	386	92	80		116.1
	DPK.V.80.80.55.2.5.0D	886	429	153	276	306	82	80		107.4
	DPK.V.80.80.55.2.5.1D									107.5
	DPK.V.80.80.55.2.5.0E									113.3
	DPK.V.80.80.55.2.5.1E									111.4
	DPK.V.80.80.55.4	895	460	193	267	386	92	80		120.7
	DPK.V.80.80.75.2.5.0D	886	429	153	276	306	82	80		114.6
	DPK.V.80.80.75.2.5.1D									119.7
	DPK.V.80.80.75.2.5.0E									118.7
	DPK.V.80.80.75.2.5.1E									118.5
	DPK.V.80.80.75.4	895	460	193	267	386	92	80		130.0

Inst. type	Pump type	Dimensions [mm]									
		V1	V2	V2F	V3	V4	V6	V6F	V7	V7F	V8
Ring stand	DPK.V.65.80.15.2	636	421	345	128	330	564	626	80	80	330
	DPK.V.65.80.15.4	737	405	329	130	351	574	635	80	80	351
	DPK.V.65.80.22.2	656	421	345	128	330	564	626	80	80	330
	DPK.V.65.80.22.4	737	405	329	130	351	574	635	80	80	351
	DPK.V.80.80.37.2	748	402	326	130	351	604	665.5	80	80	351
	DPK.V.80.80.37.4	867	412	336	130	351	612	674	80	80	351
	DPK.V.80.80.55.2	858	402	326	130	351	604	665.5	80	80	351
	DPK.V.80.80.55.4	867	412	336	130	351	612	674	80	80	351
	DPK.V.80.80.75.2	858	402	326	130	351	604	665.5	80	80	351
	DPK.V.80.80.75.4	867	412	336	130	351	612	674	80	80	351

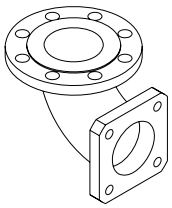
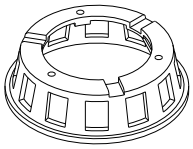
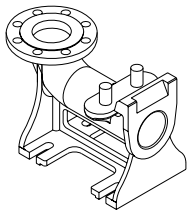
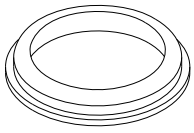
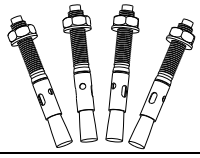
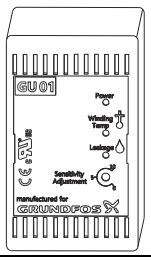
Inst. type	Pump type	Dimensions [mm]																	
		C	F	Z1	Z2	Z3	Z4	Z6	Z7	Z8	Z9	Z10	Z11	Z12	Z13	Z14	Z15	Z16	ZDN1	ZKN ZM
Auto coupling	DPK.V.65.80.15.2	372	250	508	130	90	200	834	609	444	75	33.7	644	97	50	46	200	250	80	4 × M16 × 200
	DPK.V.65.80.15.4	410	329	607	130	90	200	843	619	442	75	33.7	831	115	50	46	200	250	80	4 × M16 × 200
	DPK.V.65.80.22.2	372	250	528	130	90	200	834	609	444	75	33.7	664	97	50	46	200	250	80	4 × M16 × 200
	DPK.V.65.80.22.4	410	329	607	130	90	200	843	619	442	75	33.7	831	115	50	46	200	250	80	4 × M16 × 200
	DPK.V.80.80.37.2	429	306	618	130	90	200	851	626	473	75	33.7	846	118	50	46	200	250	80	4 × M16 × 200
	DPK.V.80.80.37.4	460	386	737	130	90	200	882	657	464	75	33.7	1003	108	50	46	200	250	80	4 × M16 × 200
	DPK.V.80.80.55.2	429	306	728	130	90	200	851	626	473	75	33.7	1004	118	50	46	200	250	80	4 × M16 × 200
	DPK.V.80.80.55.4	460	386	737	130	90	200	882	657	464	75	33.7	1003	108	50	46	200	250	80	4 × M16 × 200
	DPK.V.80.80.75.2	429	306	728	130	90	200	851	626	473	75	33.7	1004	118	50	46	200	250	80	4 × M16 × 200
	DPK.V.80.80.75.4	460	386	737	130	90	200	882	657	464	75	33.7	1003	108	50	46	200	250	80	4 × M16 × 200

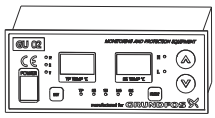
12. Accessories

Pictures	Description		Dimensions	DPK [kW]											Product number
				0.75	1.5	2.2	3.0	3.7	5.5	7.5	11	15	19	22	
 TM01 7173 1409	Lifting chain 320 kg SS with shackle, DoC, certificate and work instructions		2 m	•	•	•	•	•	•	•	•	•	•	•	98989662
			3 m	•	•	•	•	•	•	•	•	•	•	•	98989664
			4 m	•	•	•	•	•	•	•	•	•	•	•	98989666
			6 m	•	•	•	•	•	•	•	•	•	•	•	98989668
			8 m	•	•	•	•	•	•	•	•	•	•	•	98989670
			10 m	•	•	•	•	•	•	•	•	•	•	•	98989672
	Wire with clip, galvanised		3 m										•	•	96884375
			6 m										•	•	96884374
			10 m										•	•	96884373
 TM06 8943 1417	Outlet elbow with: • flange • gasket and bolts	DIN	50 mm	•	•										96922609
			80 mm			•	•	•	•						96922610
			100 mm							•	•	•			96922611
			150 mm										•	•	96922612
		JIS	50 mm	•	•										96922605
			80 mm			•	•	•	•						96922606
			100 mm							•	•	•			96922607
			150 mm										•	•	96922608
		ANSI	2"	•	•										96922613
			3"			•	•	•	•						96922614
			4"							•	•	•			96922615
			6"										•	•	96922616
	Outlet elbow for hose connection including gasket and bolts		50 mm	•	•										96922617
			74 mm			•	•	•	•						96922618
			100 mm							•	•	•			96922619
			150 mm										•	•	96922620
 TM06 8942 1417	Complete auto-coupling unit with: • base stand • guide shoe • guide rail bracket • bolts and gasket	DIN	50 mm	•	•										96922625
			80 mm			•	•	•	•						96936832
			100 mm							•	•	•			96922627
			150 mm										•	•	96922628
		JIS	50 mm	•	•										96922621
			80 mm			•	•	•	•						96922622
			100 mm							•	•	•			96922623
			150 mm										•	•	96922624
		ANSI	2"	•	•										96922629
			3"			•	•	•	•						96922630
			4"							•	•	•			96922631
			6"										•	•	96922632
 TM06 8945 1417	Hydraulic seal		50 mm	•	•										96936839
			80 mm			•	•	•	•						96936840
			100 mm							•	•	•			96936841
			150 mm										•	•	96936842
 TM06 8947 1417	Anchor bolts for auto coupling		ADC-T 50 mm	•	•										96922633
			ADC-T 80 mm			•	•	•	•						96922634
			ADC-T 100 mm							•	•	•			96922635
			ADC-T 150 mm										•	•	96922636

Pictures	Description	Dimensions	DPK [kW]											Product number
			0.75	1.5	2.2	3.0	3.7	5.5	7.5	11	15	19	22	
 TM06 8944 1417	Guide shoe for Grundfos base plate	DN 80			•	•	•	•						99133495
		DN 80 / DN 100			•	•	•	•						99133496
 TM06 8950 1417	GU01 monitoring system*		•	•	•	•	•	•	•	•	•	•	•	96922603
 TM06 8951 1417	GU02 monitoring system					•	•	•	•	•	•	•	•	96922604
 TM06 8946 1417	Ring stand with screws and washers	Outlet 80 mm				•	•							96936843
		Outlet 100 mm						•	•	•	•			96936844
		Outlet 150 mm										•	•	96936827
 TM07 2104 0720	LC 231		•	•	•	•	•	•	•	•	•	•	•	Contact Grundfos
 TM07 2139 0720	LC 241		•	•	•	•	•	•	•	•	•	•	•	Contact Grundfos

DPK.V

Pictures	Description		Dimensions	DPK.V [kW] 1.5	2.2	3.7	5.5	7.5	Product number
 TM06 8943 1417	Outlet elbow with flange including gasket and bolts	DIN	80 mm	•	•	•	•	•	96922610
		JIS	80 mm	•	•	•	•	•	96922606
		ANSI	3"	•	•	•	•	•	96922614
	Outlet elbow for hose connection with gasket and bolts		80 mm	•	•	•	•	•	96922618
 TM06 8946 1417	Ring stand including screws and washers for free-standing installation		Outlet 80 mm	•	•	•	•	•	98832022
	Ring stand including screws and washers for free-standing installation. **NOTE:** Only for 2-pole pumps.		Outlet 80 mm	•	•				98981831
 TM06 8942 1417	Auto coupling (ADC-T) with: • base stand • guide shoe • guide rail bracket • hydraulic seal • screws and gasket.	DIN	80 mm	•	•	•	•	•	96936832
		JIS	80 mm	•	•	•	•	•	96922622
		ANSI	3"	•	•	•	•	•	96922630
 TM06 8945 1417	Hydraulic seal		80 mm	•	•	•	•	•	96936840
 TM06 8947 1417	Anchor bolts for auto coupling (ADC-T)		ADC-T 80 mm	•	•	•	•	•	96922634
 TM01 7173 1409	Lifting chain 320 kg SS with shackle, DoC, certificate and work instructions		2 m	•	•	•	•	•	98989662
			3 m	•	•	•	•	•	98989664
			4 m	•	•	•	•	•	98989666
			6 m	•	•	•	•	•	98989668
			6 m	•	•	•	•	•	98989670
			10 m	•	•	•	•	•	98989672
	Adaptors for T-model with accessories		80-80 connection (with rubber seal)	•	•	•	•	•	98980062
			100-80 connection (without rubber seal)	•	•	•	•	•	99033566
 TM06 8950 1417	GU01 monitoring system*			•	•	•	•	•	96922603

Pictures	Description	Dimensions	DPK.V [kW]					Product number
			1.5	2.2	3.7	5.5	7.5	
	TM06 8951 1417 GU02 monitoring system		•	•	•	•	•	96922604
	TM07 2104 0720 LC 231		•	•	•	•	•	Contact Grundfos
	TM07 2139 0720 LC 241		•	•	•	•	•	Contact Grundfos

* for the Chinese market, available upon request

13. Grundfos Product Center

Online search and sizing tool to help you make the right choice.
http://product-selection.grundfos.com

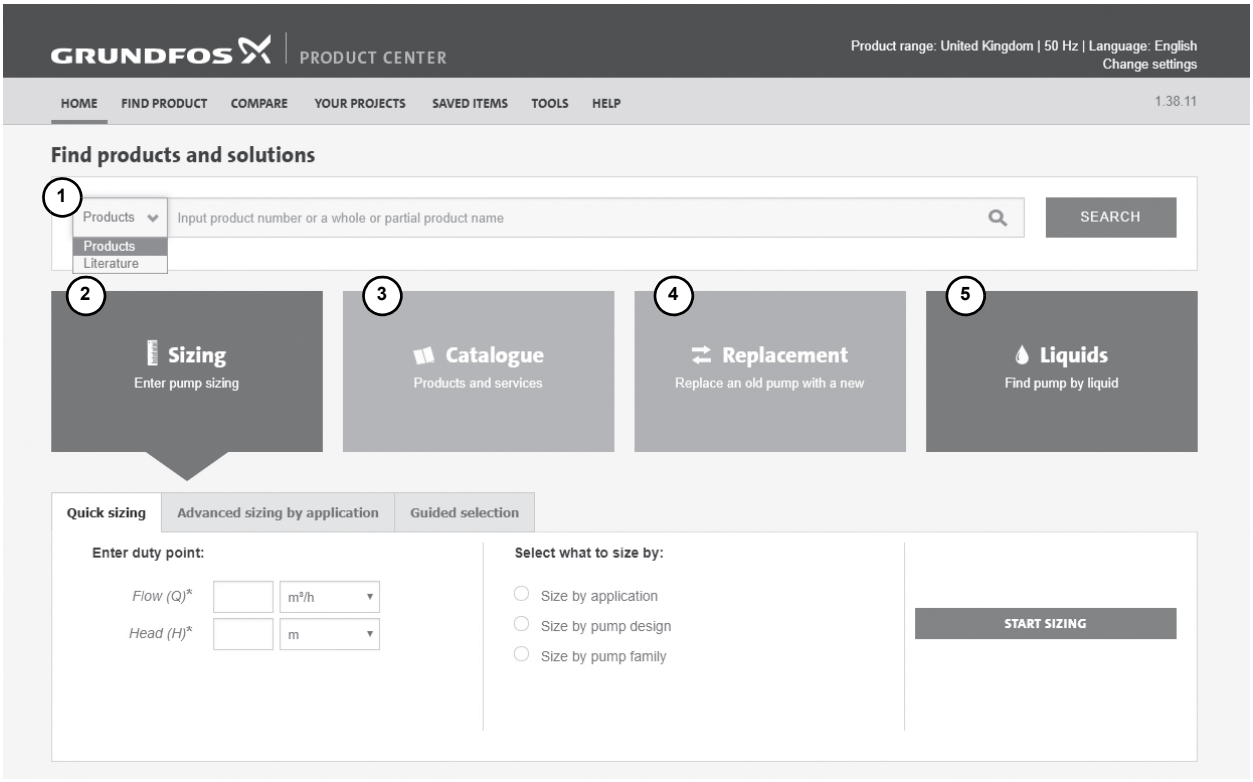
All the information you need in one place

Performance curves, technical specifications, pictures, dimensional drawings, motor curves, wiring diagrams, spare parts, service kits, 3D drawings, documents, system parts. The Product Center displays any recent and saved items - including complete projects - right on the main page.

Downloads

On the product pages, you can download installation and operating instructions, data booklets, service instructions, etc. in PDF format.

TM07 2384



TM07 2383

Pos.	Description
1	This drop-down menu enables you to set the search function to "Products" or "Literature".
2	**SIZING** enables you to size a pump based on entered data and selection choices.
3	**CATALOGUE** gives you access to the Grundfos product catalogue.
4	**REPLACEMENT** enables you to find a replacement product. Search results will include information on the lowest purchase price the lowest energy consumption the lowest total life cycle cost.
5	**LIQUIDS** enables you to find pumps designed for aggressive, flammable or other special liquids.

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