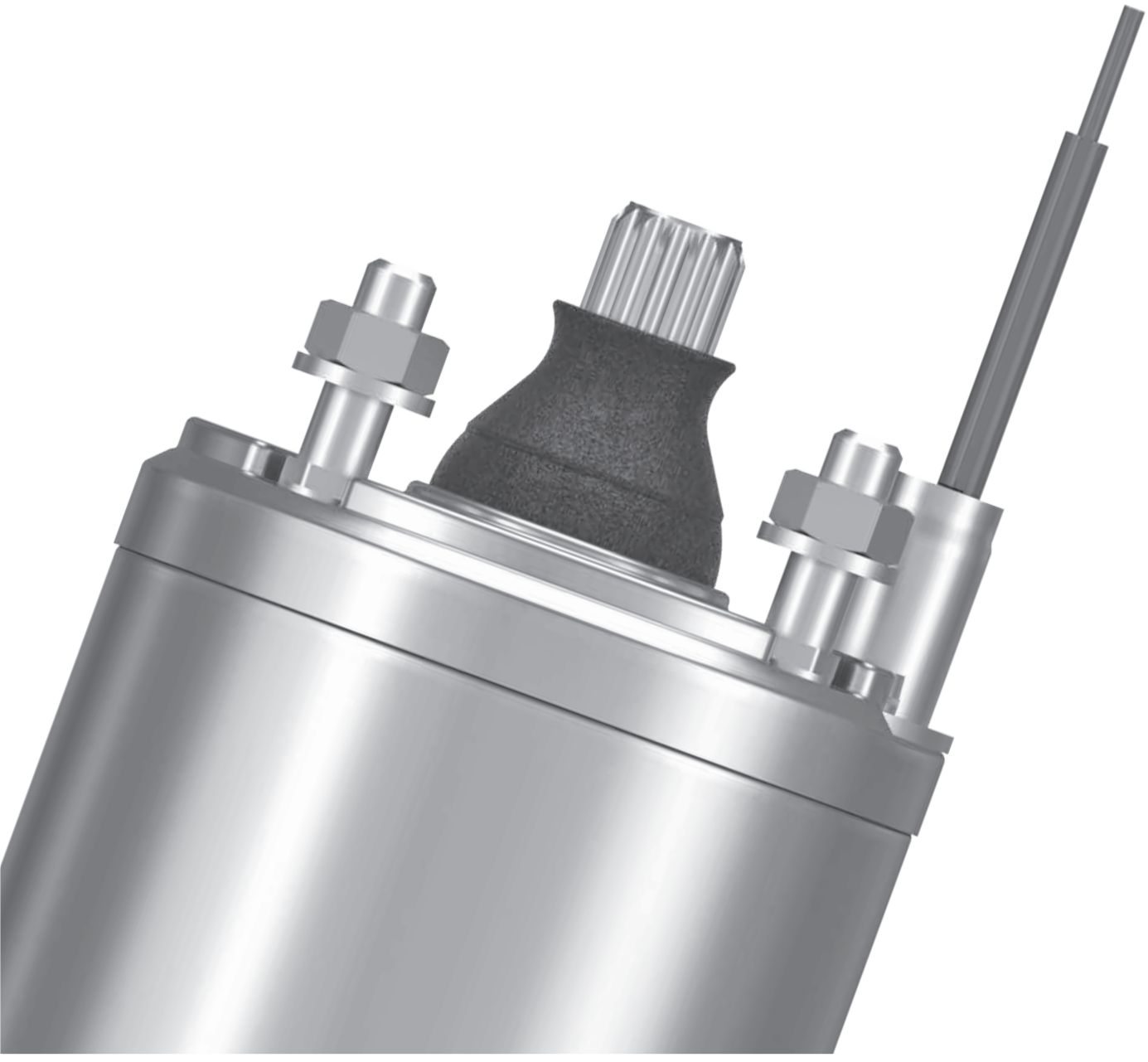
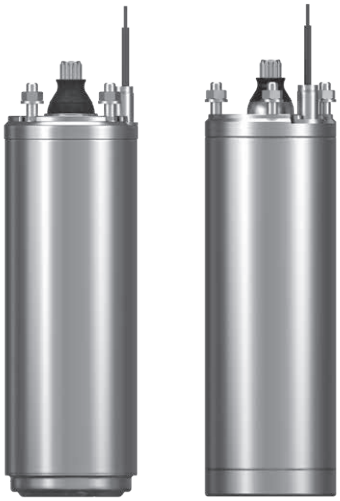
DAB

MAKING WATER EASY

4GG, 4GX, 4TW, 4OL

4” SUBMERSIBLE MOTORS





4GG 4GX

TECHNICAL DATA

Maximum immersion depth: 300 m
Flanges, thread: NEMA 4”
Maximum number of starts: 20/h
Pump protection class: IP 68
Motor insulation class: F
Cooling flow speed: min. 0,3 m/s at +35 °C
Single phase power input: 220-230 V / 50 Hz
Three phase power input: 3x230 V 50 Hz / 3x400 V 50 Hz
Power input tolerance: +6% / -10%
Power cable length:
1.7 m length for motor power up to 2,2 kW included.
2,7 m length for motor power up to 3 kW included
3,5 m length for motor power 7,5 kW compresi
Possible type of installation: vertical or horizontal
Special versions on request: different cable lengths, different supply voltages, thermal protector.
Certifications: ACS, WRAS and KTW only cable

4” submersible motor, 4GG is in AISI 304 stainless steel, 4GX in AISI 316 stainless steel. Designed for pressure boosting systems, lifting water from borehole and for using water in irrigation systems in agriculture.

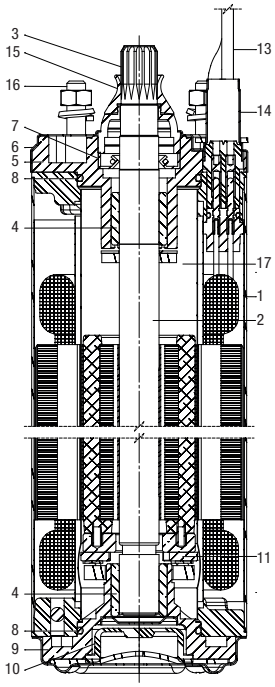
CONSTRUCTION FEATURES OF THE MOTOR

Two-pole asynchronous motor. The thrust block and bushes are cooled and lubricated with a mixture of water and glycol. Rotor mounted on a Kingsbury type self-centering thrust block capable of withstanding high axial loads. The stator is immersed in thermosetting insulating resin with high heat dissipation capacity and encapsulated in an airtight AISI 304 stainless steel casing for 4GG and AISI 316 stainless steel casing for 4GX. Equipped with SiC/SiC mechanical seal. Removable cable connector. ACS, WRAS and KTW certified cable. Motor suitable for use with variable frequency drive (30 Hz - 50 Hz). In the single-phase version, the capacitor and manually resettable overload protection are in the electrical control panel to be ordered separately. In the three-phase version, the protection must be guaranteed by the user.

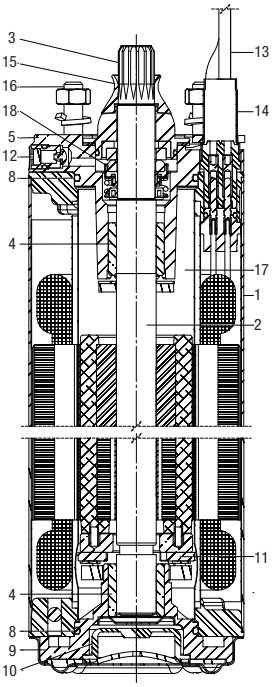
The stator is submerged in thermosetting insulating resin with high heat dissipation capacity, encapsulated in an airtight stainless steel casing, AISI 304 for the 4GG version and AISI 316 for the 4GX version.

Rotor mounted on a Kingsbury type self-centring thrust block capable of withstanding high axial loads.

4GG



4GX



MATERIALS

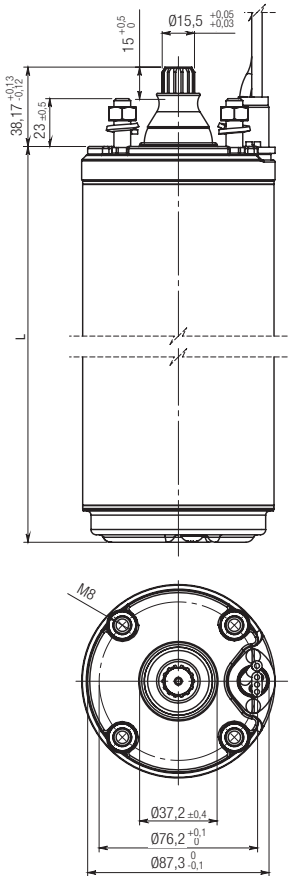
N.	PARTS	4GG	4GX
1	INTERNAL AND EXTERNAL SLEEVE	STAINLESS STEEL EN 1.4301 - AISI 304	STAINLESS STEEL EN 1.4404 - AISI 316L
2	SHAFT	STEEL EN S355JR - ASTM A 105	STAINLESS STEEL EN S355JR - ASTM A 105
3	SHAFT END 2000/3000N	STAINLESS STEEL EN 1.4301 - AISI 304	STAINLESS STEEL EN 1.4462 - AISI 318LN
	SHAFT END 6000N	STAINLESS STEEL EN 1.4057 - AISI 431	STAINLESS STEEL EN 1.4460 - AISI 329
4	BUSHINGS	GRAPHITE	GRAPHITE
5	UPPER BRACKET	CAST IRON EN 0.6020 + CATAPHORESIS COATING	STAINLESS STEEL EN 1.4401 - AISI 316
6	UPPER BRACKET COVER	STAINLESS STEEL EN 1.4301 - AISI 304	-
7	LIP SEAL	NBR	-
8	GASKET	NBR	VITON
9	LOWER BRACKET	CAST IRON EN 0.6020 + CATAPHORESIS COATING	STAINLESS STEEL EN 1.4401 - AISI 316
10	DIAPHRAGM	EPDM	EPDM
11	THRUST BEARING	STAINLESS STEEL - GRAPHITE	STAINLESS STEEL - GRAPHITE
12	VALVE	STAINLESS STEEL EN 1.4305 - AISI 303	STAINLESS STEEL EN 1.4401 - AISI 316
13	CABLE	FLAT - 07XBH2-F	FLAT - 07XBH2-F
14	CONNECTING PLUG	STAINLESS STEEL EN 1.4404 - AISI 316L	STAINLESS STEEL EN 1.4404 - AISI 316L
15	SAND GUARD	NBR	EPDM
16	BOLTS & SCREWS	STEEL A2-70 - AISI 304	STEEL A4-70 - AISI 316
17	COOLING LIQUID	WATER + GLYCOL	WATER + GLYCOL
18	MECHANICAL SEAL	-	SIC / SIC

DIMENSIONS - SINGLE-PHASE MOTORS

TYPE	P2		LENGTH mm	WEIGHT 4GG	WEIGHT 4GX	AXIAL THRUST N
	hp	kW				
50 Hz	0,5	0,37	236	6,9	7,3	2000
	0,75	0,55	266	8,6	9	2000
	1	0,75	286	9,6	9,9	2000
	1,5	1,1	331	11,8	12,2	2000
	2	1,5	393	14	14,4	3000
	3	2,2	413	14,7	15	3000
	4	3	684	27	26,7	6000
	5	3,7	684	27	26,7	6000
	5,5	4	684	27	26,7	6000

DIMENSIONS - THREE-PHASE MOTORS

TYPE	P2		LENGTH mm	WEIGHT 4GG	WEIGHT 4GX	AXIAL THRUST N
	hp	kW				
50 Hz	0,5	0,37	216	6,2	6,6	2000
	0,75	0,55	236	6,9	7,3	2000
	1	0,75	266	8,6	9	2000
	1,5	1,1	286	9,6	9,9	2000
	2	1,5	348	11,8	12,2	3000
	3	2,2	393	14	14,4	3000
	4	3	544	20,5	20,6	6000
	5,5	4	614	23,8	23,9	6000
	7,5	5,5	684	27,1	27,2	6000
	10	7,5	764	30,8	30,9	6000



ELECTRICAL DATA - SINGLE-PHASE MOTORS

MODEL	P2		POWER INPUT 50Hz	In A	Is/In	Cs/Cn	P1 W	N min-1	Cos φ	η %	C µF	CABLE	
	hp	kW										Ø mm2	LC m
4GG / 4GX - 0,37 KW - 230 V - M	0,5	0,37	1 x 230 V ~	3,3	2,7	0,69	740	2820	0,97	50	16	4x1,5	1,7
4GG / 4GX - 0,55 KW - 230 V - M	0,75	0,55	1 x 230 V ~	4,6	3,3	0,68	1000	2820	0,94	56	20	4x1,5	1,7
4GG / 4GX - 0,75 KW - 230 V - M	1	0,75	1 x 230 V ~	6,2	3,2	0,66	1300	2820	0,92	58	25	4x1,5	1,7
4GG / 4GX - 1,1 KW - 230 V - M	1,5	1,1	1 x 230 V ~	8,6	3,6	0,68	1820	2830	0,9	62	35	4x1,5	1,7
4GG / 4GX - 1,5 KW - 230 V - M	2	1,5	1 x 230 V ~	11	3,7	0,62	2320	2830	0,91	65	40	4x1,5	1,7
4GG / 4GX - 2,2 KW - 230 V - M	3	2,2	1 x 230 V ~	16	3,1	0,6	3460	2810	0,89	65	60	4x1,5	1,7
4GG / 4GX - 3,0 KW - 230 V - M	4	3	1 x 230 V ~	23,5	3,6	0,51	4900	2830	0,9	62	90	4x2	2,7
4GG / 4GX - 3,7 KW - 230 V - M	5	3,7	1 x 230 V ~	25	3,6	0,51	5500	2850	0,95	65	90	4x2	2,7
4GG / 4GX - 4,0 KW - 230 V - M	5,5	4	1 x 230 V ~	27	3,6	0,51	6000	2840	0,96	67	90	4x2	2,7

ELECTRICAL DATA - THREE-PHASE MOTORS

MODEL	P2		POWER INPUT 50Hz	In A	Is/In	Cs/Cn	P1 W	N min-1	Cos φ	η %	C µF	CABLE	
	hp	kW										Ø mm2	LC m
4GG / 4GX - 0,37 KW - 230 V - T	0,5	0,37	3 x 230 V ~	2,7	3,7	3	710	2820	0,66	53	-	4x1,5	1,7
4GG / 4GX - 0,37 KW - 400 V - T	0,5	0,37	3 x 400 V ~	1,4	3,8	3	710	2820	0,66	53	-	4x1,5	1,7
4GG / 4GX - 0,55 KW - 230 V - T	0,75	0,55	3 x 230 V ~	3,3	4,2	3,1	920	2830	0,72	60	-	4x1,5	1,7
4GG / 4GX - 0,55 KW - 400 V - T	0,75	0,55	3 x 400 V ~	1,9	4,2	3,1	920	2830	0,72	60	-	4x1,5	1,7
4GG / 4GX - 0,75 KW - 230 V - T	1	0,75	3 x 230 V ~	4,1	5,1	3,2	1190	2830	0,72	63	-	4x1,5	1,7
4GG / 4GX - 0,75 KW - 400 V - T	1	0,75	3 x 400 V ~	2,4	5	3,2	1190	2830	0,73	63	-	4x1,5	1,7
4GG / 4GX - 1,1 KW - 230 V - T	1,5	1,1	3 x 230 V ~	5,7	4,2	3,3	1720	2830	0,72	64	-	4x1,5	1,7
4GG / 4GX - 1,1 KW - 400 V - T	1,5	1,1	3 x 400 V ~	3,4	4,1	3,3	1720	2830	0,72	64	-	4x1,5	1,7
4GG / 4GX - 1,5 KW - 230 V - T	2	1,5	3 x 230 V ~	7,6	4,3	3,4	2200	2830	0,72	68	-	4x1,5	1,7
4GG / 4GX - 1,5 KW - 400 V - T	2	1,5	3 x 400 V ~	4,4	4,3	3,4	2200	2830	0,72	68	-	4x1,5	1,7
4GG / 4GX - 2,2 KW - 230 V - T	3	2,2	3 x 230 V ~	10,2	4,4	3,2	3170	2820	0,78	71	-	4x1,5	1,7
4GG / 4GX - 2,2 KW - 400 V - T	3	2,2	3 x 400 V ~	5,9	4,4	3,2	3170	2820	0,78	71	-	4x1,5	1,7
4GG / 4GX - 3,0 KW - 230 V - T	4	3	3 x 230 V ~	14,3	4,6	3,3	4050	2840	0,71	74	-	4x1,5	2,7
4GG / 4GX - 3,0 KW - 400 V - T	4	3	3 x 400 V ~	8,3	4,6	3,3	4050	2840	0,71	74	-	4x1,5	2,7
4GG / 4GX - 4,0 KW - 230 V - T	5,5	4	3 x 230 V ~	17,3	5,6	3,4	5340	2850	0,79	75	-	4x2	2,7
4GG / 4GX - 4,0 KW - 400 V - T	5,5	4	3 x 400 V ~	10	5,6	3,4	5340	2850	0,79	75	-	4x1,5	2,7
4GG / 4GX - 5,5 KW - 230 V - T	7,5	5,5	3 x 230 V ~	24,2	5,5	3,4	7110	2850	0,74	77	-	4x2	2,7
4GG / 4GX - 5,5 KW - 400 V - T	7,5	5,5	3 x 400 V ~	14	5,5	3,4	7110	2850	0,74	77	-	4x1,5	2,7
4GG / 4GX - 7,5 KW - 230 V - T	10	7,5	3 x 230 V ~	17,4	4,8	2,9	9520	2850	0,8	79	-	4x2	3,5
4GG / 4GX - 7,5 KW - 400 V - T	10	7,5	3 x 400 V ~	17,4	4,8	2,9	9520	2850	0,8	79	-	4x2	3,5

P2: Nominal power
V: Nominal voltage
In: Nominal current
Is/In: Starting current/Nominal current
Cs/Cn: Starting torque/Nominal torque
P1: Absorbed power
N: Rotations per minute - R.p.m
Cos φ: Power factor
η: Yield
C: Capacitor
Ø: Cable cross section
LC: Cable length

Winding resistance: see technical appendix

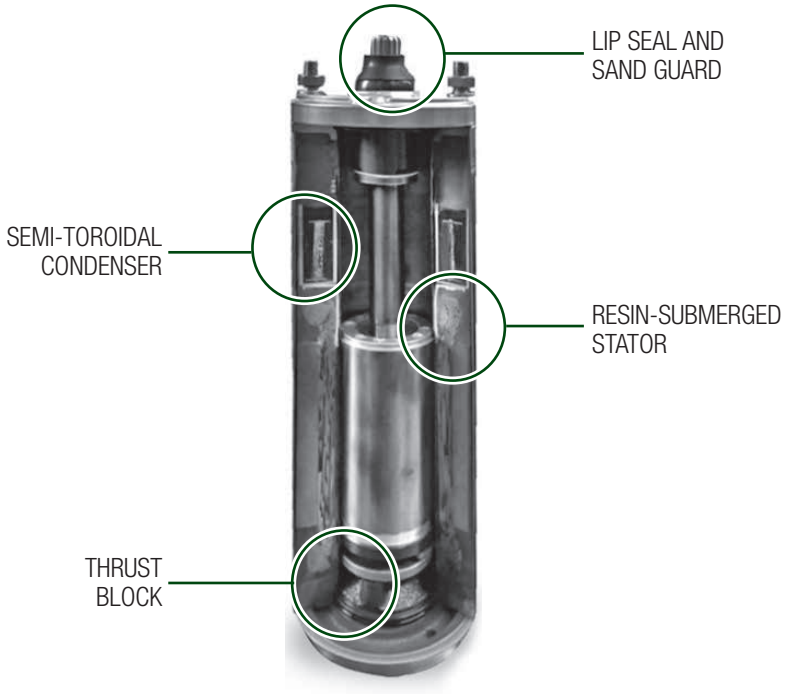
TECHNICAL DATA

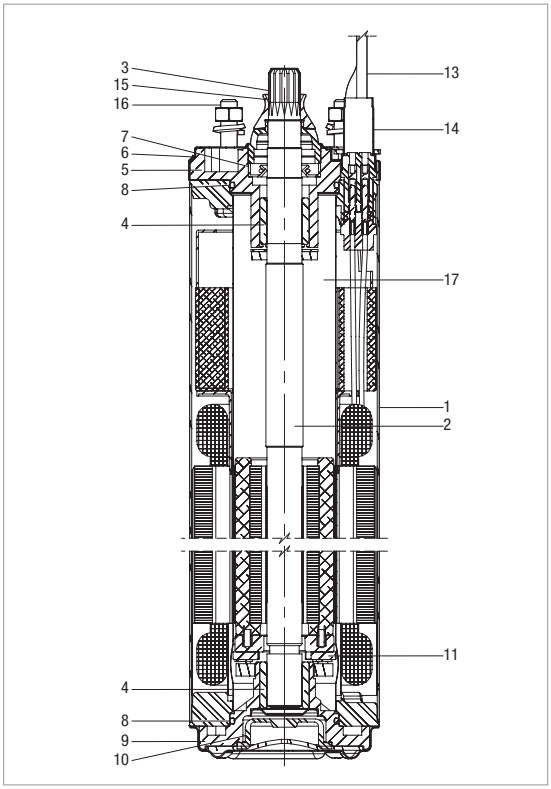
Maximum immersion depth: 300 m
Flanges, thread: NEMA 4”
Maximum number of starts: 20/h
Pump protection class: IP 68
Motor insulation class: F
Cooling flow speed: min. 0,3 m/s at +35°C
Single phase power input: 230 V 50 Hz
Three phase power input: not available
Power input tolerance: +6% / -10%
Power cable length:
1,7 m for power up to 1,5 HP
Possible type of installation: vertical or horizontal
Special versions on request: different voltages and cable lengths
Cable Certifications: ACS, WRAS and KTW cable certifications

4” single-phase submersible AISI 304 stainless steel motor. Designed for pressure boosting systems, lifting water from borehole and for using water in irrigation systems in agriculture. To be combined with a pump body.

CONSTRUCTION FEATURES OF THE MOTOR

Two-pole single-phase asynchronous motor with the parts in contact with water made of AISI 304 stainless steel. The thrust block and bushes are cooled and lubricated with a mixture of water and glycol. Rotor mounted on a Kingsbury type self-centering thrust block capable of withstanding high axial loads. The stator is immersed in thermosetting insulating resin with high heat dissipation capacity and encapsulated in an airtight AISI 304 stainless steel casing. Integrated toroidal capacitor. Removable cable connector. ACS, WRAS and KTW certified cable. Motor suitable for use with variable frequency drive (30 Hz - 50 Hz). Thermal protection included in the motor for the 0,5 HP and 1,5 HP versions.



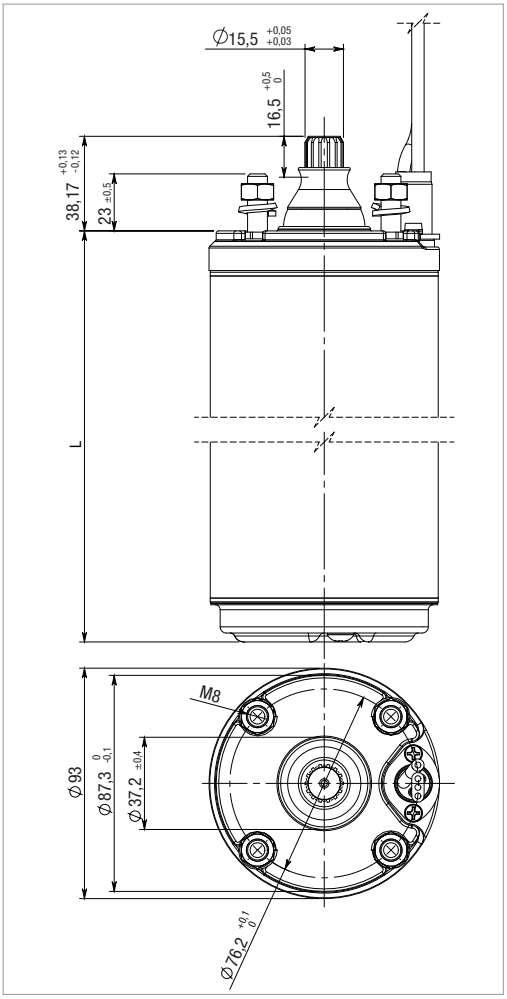


MATERIALS

N.	PARTS	VERSION 4TW
1	INTERNAL AND EXTERNAL SLEEVE	STAINLESS STEEL EN 1.4301 - AISI 304
2	SHAFT	STAINLESS STEEL EN S355JR - ASTM A 105
3	SHAFT END	STAINLESS STEEL EN 1.4301 - AISI 304
4	BUSHINGS	GRAPHITE
5	UPPER BRACKET	CAST IRON EN 0.6020 + CATAPHORESIS COATING
6	UPPER BRACKET COVER	STAINLESS STEEL EN 1.4301 - AISI 304
7	LIP SEAL	NBR
8	GASKET	NBR
9	LOWER BRACKET	CAST IRON EN 0.6020 + CATAPHORESIS COATING
10	DIAPHRAGM	EPDM
11	THRUST BEARING	STAINLESS STEEL - GRAPHITE
12	VALVE	STAINLESS STEEL EN 1.4305 - AISI 303
13	CABLE	FLAT - 07XBH2-F
14	CONNECTING PLUG	STAINLESS STEEL EN 1.4404 - AISI 316L
15	SAND GUARD	NBR
16	BOLTS & SCREWS	STEEL A2-70 - AISI 304
17	COOLING LIQUID	WATER + GLYCOL

DIMENSIONS - SINGLE-PHASE MOTORS

TYPE	P2		LENGTH mm	WEIGHT kg	AXIAL THRUST N
	hp	kW			
50 Hz	0,5	0,37	301	8,5	2000
	0,75	0,55	331	9,5	2000
	1	0,75	351	10,5	2000
	1,5	1,1	426	13,1	3000



ELECTRICAL DATA - SINGLE-PHASE MOTORS

MODEL	P2		POWER INPUT 50Hz	In A	Is/In	Cs/Cn	P1 W	N min-1	Cos φ	η %	C µF	CABLE	
	hp	kW										Ø mm²	LC m
4TW - 0,37 KW - 230 V - M	0,5	0,37	1 x 230 V ~	3,3	2,7	0,69	740	2820	0,97	50	16	3x1,5	1,7
4TW - 0,55 KW - 230 V - M	0,75	0,55	1 x 230 V ~	4,6	3,3	0,68	1000	2820	0,94	56	20	3x1,5	1,7
4TW - 0,75 KW - 230 V - M	1	0,75	1 x 230 V ~	6,2	3,2	0,66	1310	2820	0,92	58	25	3x1,5	1,7
4TW - 1,1 KW - 230 V - M	1,5	1,1	1 x 230 V ~	8,6	3,6	0,68	1780	2830	0,9	62	35	3x1,5	1,7

P2: Nominal power
V: Nominal voltage
In: Nominal current
Is/In: Starting current/Nominal current
Cs/Cn: Starting torque/Nominal torque
P1: Absorbed power
N: Rotations per minute - R.p.m
Cos φ: Power factor
η: Yield
C: Capacitor
Ø: Cable cross section
LC: Cable length

TECHNICAL DATA

Maximum immersion depth: 250 m
Flanges, thread: NEMA 4”
Maximum number of starts: 20/h
Pump protection class: IP 68
Motor insulation class: F
Cooling flow speed: min. 0,3 m/s at +35°C
Single phase power input: 230 V 50 Hz
Three phase power input: 3x230 V 50 Hz / 3x400V 50 Hz
Power input tolerance: +6% / -10%
Power cable length:
1.7 m for power up to 3 HP
2.7 m for power up to 7,5 HP
3.5 m for power 10 HP
Possible type of installation: vertical or horizontal
Special versions on request: different voltages and cable lengths
Certifications: ACS, WRAS and KTW only for cable

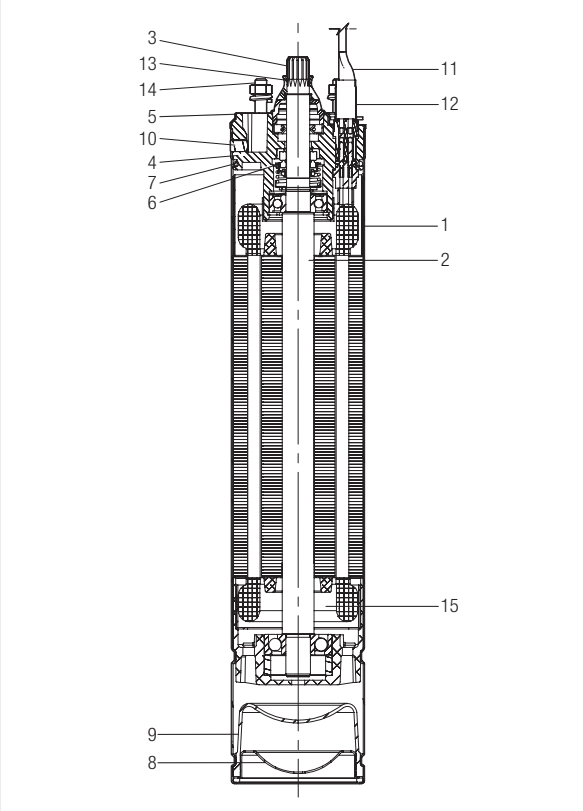
4” submersible oil-filled motors, to be combined with a pump body, designed for pressure boosting systems, lifting water from borehole and for using water in irrigation systems in agriculture.

CONSTRUCTION FEATURES OF THE MOTOR

Two-pole asynchronous motor with the parts in contact with water made of AISI 304L stainless steel. Cooling and lubrication of ball bearings is ensured by a special liquid approved by FDA (Food and Drug Administration) for use with foodstuffs. The rewindable stator is housed in an AISI 304L stainless steel casing fixed with steel pins to the upper support of the motor. Equipped with a carbon-ceramic mechanical seal. Removable cable connector. ACS, WRAS and KTW certified cable. Motor suitable for use with variable frequency drive (30 Hz - 50 Hz). In the 50 Hz single-phase version, the capacitor and manually resettable overload protection are in the electrical control panel to be ordered separately. In the three-phase version, the protection must be guaranteed by the user.

The rewindable stator is housed in an AISI 304L stainless steel casing secured with steel pins to the upper motor support.

The cooling and lubrication of the ball bearings are ensured by a special liquid approved by the FDA (Food and Drug Association) for use with foodstuff.



MATERIALS

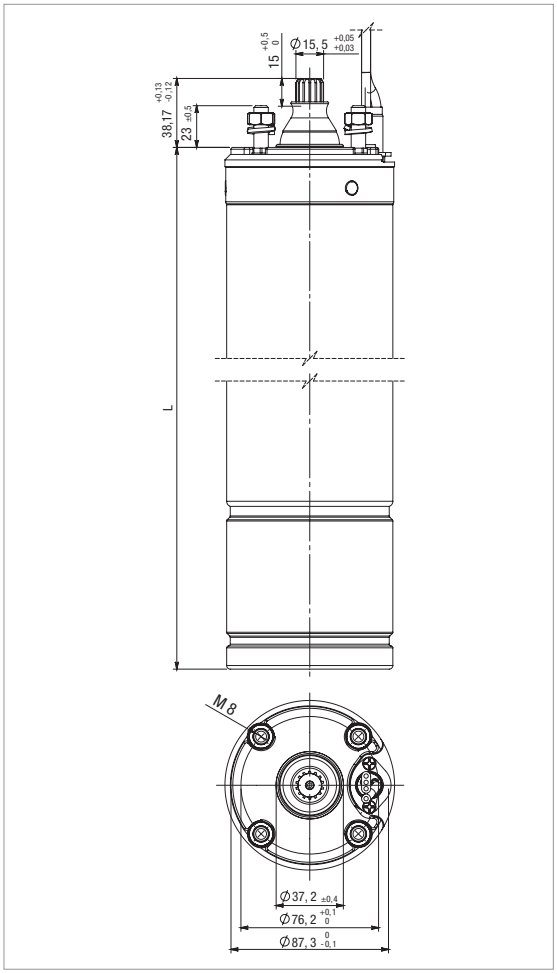
N.	PARTS	MATERIALS
1	INTERNAL AND EXTERNAL SLEEVE	STAINLESS STEEL EN 1.4307 - AISI 304L
2	SHAFT	STEEL ASTM A 105
3	SHAFT END	STAINLESS STEEL EN 1.4301 - AISI 304
4	UPPER BRACKET	CAST IRON EN 0.6020 + CATAPHORESIS COATING
5	UPPER BRACKET COVER	STAINLESS STEEL EN 1.4301 - AISI 304
6	MECHANICAL SEAL	CARBON - CERAMIC
7	GASKET	NBR
8	LOWER COVER	STAINLESS STEEL EN 1.4301 - AISI 304
9	DIAPHRAGM	EPDM
10	PINS	STAINLESS STEEL EN 1.4301 - AISI 304
11	CABLE	FLAT - 07XBH2-F
12	CONNECTING PLUG	STAINLESS STEEL EN 1.4404 - AISI 316L
13	SAND GUARD	NBR
14	BOLTS & SCREWS	STEEL A2-70 - AISI 304
15	COOLING LIQUID	WHITE OIL

DIMENSIONS - SINGLE-PHASE MOTORS

TYPE	P2		LENGTH mm	WEIGHT kg	AXIAL THRUST N
	hp	kW			
50 Hz	0,5	0,37	284	6,5	2000
	0,75	0,55	304	7,4	2000
	1	0,75	334	8,7	2000
	1,5	1,1	354	9,7	2000
	2	1,5	400	11,7	2000
	3	2,2	478	14,5	3000/4000
	4	3	658	23,9	5000
	5	3,7	658	23,9	5000
	5,5	4	658	23,9	5000

DIMENSIONS - THREE-PHASE MOTORS

TYPE	P2		LENGTH mm	WEIGHT kg	AXIAL THRUST N
	hp	kW			
50 Hz	0,5	0,37	284	6,5	2000
	0,75	0,55	284	6,5	2000
	1	0,75	304	7,4	2000
	1,5	1,1	334	8,7	2000
	2	1,5	354	9,7	2000
	3	2,2	458	13,4	3000/4000
	4	3	518	15,9	4000
	5,5	4	588	17,1	4000
	7,5	5,5	658	23,9	5000
	10	7,5	738	27,9	5000



ELECTRICAL DATA - SINGLE-PHASE MOTORS

MODEL	P2		POWER INPUT 50Hz	In A	Is/In	Cs/Cn	P1 W	N min^{-1}	Cos φ	η %	C µF	CABLE	
	hp	kW										Ø mm^2	LC m
40L - 0,37 KW - 230 V - M	0,5	0,37	1 x 230 V ~	3,5	2,6	0,64	725	2800	0,9	51	16	4x1,5	1,7
40L - 0,55 KW - 230 V - M	0,75	0,55	1 x 230 V ~	4,5	2,7	0,6	950	2800	0,92	58	20	4x1,5	1,7
40L - 0,75 KW - 230 V - M	1	0,75	1 x 230 V ~	6,3	3,2	0,64	1275	2820	0,88	59	25	4x1,5	1,7
40L - 1,1 KW - 230 V - M	1,5	1,1	1 x 230 V ~	8,5	2,9	0,54	1780	2800	0,91	62	35	4x1,5	1,7
40L - 1,5 KW - 230 V - M	2	1,5	1 x 230 V ~	10,8	3,2	0,43	2160	2800	0,87	69	40	4x1,5	1,7
40L - 2,2 KW - 230 V - M	3	2,2	1 x 230 V ~	15	3,2	0,57	3060	2800	0,87	78	60	4x1,5	1,7
40L - 3 KW - 230 V - M	4	3	1 x 230 V ~	23,5	3,6	0,51	4900	2830	0,9	62	90	4x2	2,7
40L - 3,7 KW - 230 V - M	5	3,7	1 x 230 V ~	25,4	3,6	0,51	5130	2850	0,95	72	90	4x2	2,7
40L - 4 KW - 230 V - M	5,5	4	1 x 230 V ~	27	3,6	0,51	6000	2840	0,96	67	90	4x2	2,7

ELECTRICAL DATA - THREE-PHASE MOTORS

MODEL	P2		POWER INPUT 50Hz	In A	Is/In	Cs/Cn	P1 W	N min^{-1}	Cos φ	η %	C µF	CABLE	
	hp	kW										Ø mm^2	LC m
40L - 0,37 KW - 230 V - T	0,5	0,37	3 x 230 V ~	2,1	3,3	3,5	650	2820	0,77	57	-	4x1,5	1,7
40L - 0,37 KW - 400 V - T	0,5	0,37	3 x 400 V ~	1,2	3,3	3,5	650	2820	0,77	57	-	4x1,5	1,7
40L - 0,55 KW - 230 V - T	0,75	0,55	3 x 230 V ~	3,8	3,4	3,9	950	2820	0,64	59	-	4x1,5	1,7
40L - 0,55 KW - 400 V - T	0,75	0,55	3 x 400 V ~	2,2	3,4	3,9	950	2820	0,64	59	-	4x1,5	1,7
40L - 0,75 KW - 230 V - T	1	0,75	3 x 230 V ~	4,5	3,8	3,7	1210	2820	0,68	62	-	4x1,5	1,7
40L - 0,75 KW - 400 V - T	1	0,75	3 x 400 V ~	2,6	3,8	3,7	1210	2820	0,68	62	-	4x1,5	1,7
40L - 1,1 KW - 230 V - T	1,5	1,1	3 x 230 V ~	6,2	4,5	4,3	1700	2830	0,68	65	-	4x1,5	1,7
40L - 1,1 KW - 400 V - T	1,5	1,1	3 x 400 V ~	3,6	4,4	4,3	1700	2830	0,68	65	-	4x1,5	1,7
40L - 1,5 KW - 230 V - T	2	1,5	3 x 230 V ~	7,9	4,4	4,4	2160	2810	0,68	69	-	4x1,5	1,7
40L - 1,5 KW - 400 V - T	2	1,5	3 x 400 V ~	5,1	4,3	4,4	2160	2810	0,68	69	-	4x1,5	1,7
40L - 2,2 KW - 230 V - T	3	2,2	3 x 230 V ~	10,4	5,5	3,3	3050	2830	0,71	72	-	4x1,5	1,7
40L - 2,2 KW - 400 V - T	3	2,2	3 x 400 V ~	6	5,5	3,3	3050	2830	0,71	72	-	4x1,5	1,7
40L - 3 KW - 230 V - T	4	3	3 x 230 V ~	13	5,7	3,3	4000	2840	0,77	75	-	4x1,5	2,7
40L - 3 KW - 400 V - T	4	3	3 x 400 V ~	7,5	5,7	3,3	4000	2840	0,77	75	-	4x1,5	2,7
40L - 4 KW - 230 V - T	5,5	4	3 x 230 V ~	16,6	5,4	3,4	5200	2850	0,79	77	-	4x2	2,7
40L - 4 KW - 400 V - T	5,5	4	3 x 400 V ~	9,6	5,4	3,4	5200	2850	0,79	77	-	4x1,5	2,7
40L - 5,5 KW - 230 V - T	7,5	5,5	3 x 230 V ~	22,6	5,4	3,4	7200	2850	0,8	80	-	4x2	2,7
40L - 5,5 KW - 400 V - T	7,5	5,5	3 x 400 V ~	13,1	5,3	3,4	7200	2850	0,8	80	-	4x1,5	2,7
40L - 7,5 KW - 230 V - T	10	7,5	3 x 230 V ~	29,2	5	3	9460	2840	0,81	81	-	4x2	3,5
40L - 7,5 KW - 400 V - T	10	7,5	3 x 400 V ~	16,9	5	3	9460	2840	0,81	81	-	4x2	3,5

P2: Nominal power
V: Nominal voltage
In: Nominal current
Is/In: Starting current/Nominal current
Cs/Cn: Starting torque/Nominal torque
P1: Absorbed power
N: Rotations per minute - R.p.m
Cos φ: Power factor
η: Yield
C: Capacitor
Ø: Cable cross section
LC: Cable length

Winding resistance: see technical appendix

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