Equipment and solutions

JOVAL 6″ 8″ 10″ Rewindable Motor

Product technical datasheet

Rewindable submersible motors in 6″, 7″, 8″ and 10″ sizes, with PE2/PA winding for high temperature (50°C). Stainless steel AISI 304 construction for demanding borehole and industrial.

FT-P018 · Rev. 1

JOVAL rewindable submersible motors, manufactured in AISI 304 and 316 stainless steel, with high corrosion resistance and dielectric strength using PE2/PA winding wire. Suitable for variable frequency drives, solar pumping and water temperatures up to 50°C.

Applications

- Clean water abstraction from deep boreholes, wells, dams and lakes.
- Urban and rural water supply.
- Large-scale agricultural irrigation.
- Industrial processes and liquid transfer.
- High demand water supply

Operating conditions

- Confirm the installation conditions, power supply and duty point before commissioning.

Engineering note	Confirm the installation conditions, power supply and duty point before commissioning.
Complementary equipment	Contact JOVAL for compatible accessories and equipment.
Resources and support	Pump selection guide · JOVAL technical support
Contact	+351 253 490 740 · joval@joval.pt

Technical specifications

Type

2-pole rewindable asynchronous motor with sealed stator encapsulated in resin

Winding wire

PE2/PA Wire

Environment

High Temperature 50°C

Material

AISI 304

Protection

IP 68

Insulation

Class H (180°C)

Applications

- Clean water abstraction from deep boreholes, wells, dams and lakes.
- Urban and rural water supply.
- Large-scale agricultural irrigation.
- Industrial processes and liquid transfer.
- High demand water supply

Operating conditions

Mounting

Vertical / Horizontal

Starts/Hour

Max. starts/hour (15-30)

- Confirm the installation conditions, power supply and duty point before commissioning.

Engineering note Confirm the installation conditions, power supply and duty point before commissioning.

JOVAL 6" Rewindable Motors · Direct On Line (DOL)

Dimensions and models

Code	kW	HP	V	A	Axial Load (kN)	Height (mm)	Weight (kg)
2036501004	4	5,5	400	9,9	20	594	38
2036502055	5,5	7,5	400	13,3	20	623	41,5
2036503075	7,5	10	400	16,7	20	703	48
2036504093	9,3	12,5	400	20,5	20	743	53
2036505011	11	15	400	23,6	20	796	58
2036506013	13	17,5	400	27,9	20	856	63
2036507015	15	20	400	32,2	20	918	70
2036508185	18,5	25	400	40,2	20	951	74
2036509022	22	30	400	46,7	20	1051	85
2036510265	26,5	35	400	55,2	27	1166	96
2036511030	30	40	400	62,1	27	1196	101
2036512037	37	50	400	78,5	27	1296	108

JOVAL 6" Rewindable Motors · Star-Delta (SD)

Dimensions and models

Code	kW	HP	V	A	Axial Load (kN)	Height (mm)	Weight (kg)
2036601004	4	5,5	400	9,9	20	649	44
2036602055	5,5	7,5	400	13,3	20	678	47
2036603075	7,5	10	400	16,7	20	758	53
2036604093	9,3	12,5	400	20,5	20	800	57
2036605011	11	15	400	23,6	20	851	61
2036606013	13	17,5	400	27,9	20	911	66
2036607015	15	20	400	32,2	20	973	72
2036608185	18,5	25	400	40,2	20	1006	80
2036609022	22	30	400	46,7	20	1106	86
2036610265	26,5	35	400	55,2	27	1217	90
2036611030	30	40	400	62,1	27	1247	104
2036612037	37	50	400	78,5	27	1347	112

JOVAL 7" Rewindable Motors · Direct On Line (DOL)

Dimensions and models

Code	kW	HP	V	A	Axial Load (kN)	Height (mm)	Weight (kg)
2037501022	22	30	400	44	45	842	83
2037502265	26,5	35	400	53	45	882	88
2037503030	30	40	400	59	45	922	100
2037504037	37	50	400	72	45	1001	110
2037505045	45	60	400	88	45	1081	124
2037506052	52	70	400	103	45	1160	135
2037507055	55	75	400	106	45	1160	135

JOVAL 7" Rewindable Motors · Star-Delta (SD)

Dimensions and models

Code	kW	HP	V	A	Axial Load (kN)	Height (mm)	Weight (kg)
2037601022	22	30	400	44	45	890	105
2037602265	26,5	35	400	53	45	940	110
2037603030	30	40	400	59	45	980	117
2037604037	37	50	400	72	45	1060	127
2037605045	45	60	400	88	45	1139	142
2037606052	52	70	400	103	45	1218	153
2037607055	55	75	400	106	45	1250	160

JOVAL 8" Rewindable Motors · Direct On Line (DOL)

Dimensions and models

Code	kW	HP	V	A	Axial Load (kN)	Height (mm)	Weight (kg)
2038500030	30	40	400	59,3	45	948	125
2038500037	37	50	400	71,4	45	1008	134
2038500045	45	60	400	86,8	45	1093	148
2038500055	55	75	400	107,4	45	1178	166
2038500060	60	80	400	115,7	45	1233	181
2038500067	67	90	400	129,3	45	1258	186
2038500075	75	100	400	144,7	45	1283	191
2038500081	83	110	400	156,3	45	1363	201
2038500092	93	125	400	177,5	45	1428	208

JOVAL 8" Rewindable Motors · Star-Delta (SD)

Dimensions and models

Code	kW	HP	V	A	Axial Load (kN)	Height (mm)	Weight (kg)
2038600030	30	40	400	59,3	45	1056	127
2038600037	37	50	400	71,4	45	1116	133
2038600045	45	60	400	86,8	45	1201	140
2038600055	55	75	400	107,4	45	1286	152
2038600060	60	80	400	115,7	45	1341	160
2038600067	67	90	400	129,3	45	1366	169
2038600075	75	100	400	144,7	45	1391	190
2038600081	83	110	400	156,3	45	1471	197
2038600092	93	125	400	177,5	45	1536	208

JOVAL 10" Rewindable Motors · Direct On Line (DOL)

Dimensions and models

Code	kW	HP	V	A	Axial Load (kN)	Height (mm)	Weight (kg)
2031031081	83	110	400	153	75	1370	255
2031032092	93	125	400	174	75	1430	274

JOVAL 10" Rewindable Motors · Star-Delta (SD)

Dimensions and models

Code	kW	HP	V	A	Axial Load (kN)	Height (mm)	Weight (kg)
2031041081	83	110	400	153	75	1370	255
2031042092	93	125	400	174	75	1430	274
2031043110	110	150	400	210	75	1510	299
2031044129	130	175	400	238	75	1610	328
2031045147	150	200	400	274	75	1740	368

Accessories

Dimensions and models

Code	Designation
2036000601	JOVAL Rewindable PT-100 Probe