Equipment and solutions

JOVAL 3″ Motor

Product technical datasheet

3" submersible motors for narrow borehole applications.



FT-P096 · Rev. 1

3″ (76mm) submersible motors, compact and efficient, designed for small-diameter boreholes. Available in single-phase and three-phase versions with durable construction and high reliability. Their reduced diameter allows installation in narrow wells where 4-inch motors cannot be.

Applications

- Water abstraction from 3" boreholes, reservoirs and water courses.
- Hydraulic pressure systems
- Agricultural irrigation
- Industrial and commercial applications

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
3" (76mm) Rewindable asynchronous motor

Protection
IP 68

Insulation
Class F

Max. depth
150 m

Starts/Hour
30

Mounting
Vertical / Horizontal

Applications

- Water abstraction from 3" boreholes, reservoirs and water courses.
- Hydraulic pressure systems
- Agricultural irrigation
- Industrial and commercial applications

Operating conditions

Voltage Tolerance
±10%

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

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

3" JOVAL Submersible Motors

Dimensions and models

Code	Model	kW	HP	Voltage	Amperage	Capacitor (uF)	Axial load (N)	Efficiency (n%)	Height (mm)	Weight (kg)
2033011037	OM 3P/37	0,37	0,5	1~230	4,7	16	1500	52	387	7,0
2033011055	OM 3P/55	0,55	0,75	1~230	5,7	20	1500	56	427	7,7
2033011075	OM 3P/75	0,75	1	1~230	7,1	25	1500	56	447	8,3
2033011110	OM 3P/110	1,1	1,5	1~230	10,4	35	1500	58	497	9,4
2033032037	OT 3P/37	0,37	0,5	3~230	2,6	-	1500	52	387	7,0
2033032055	OT 3P/55	0,55	0,75	3~230	4,5	-	1500	58	427	7,5
2033032075	OT 3P/75	0,75	1	3~230	4,8	-	1500	69	427	7,7
2033032110	OT 3P/110	1,1	1,5	3~230	7,3	-	1500	73	497	9,4
2033033037	OT 3P/37	0,37	0,5	3~400	1,4	-	1500	52	387	7,0
2033033055	OT 3P/55	0,55	0,75	3~400	1,8	-	1500	58	427	7,5
2033033075	OT 3P/75	0,75	1	3~400	3,1	-	1500	69	427	7,7
2033033110	OT 3P/110	1,1	1,5	3~400	4,3	-	1500	73	497	9,4