

TURBOSOM 6"



Electric submersible peripheral pumps TURBOSOM for 6" boreholes



APPLICATION

To pump clear water from boreholes

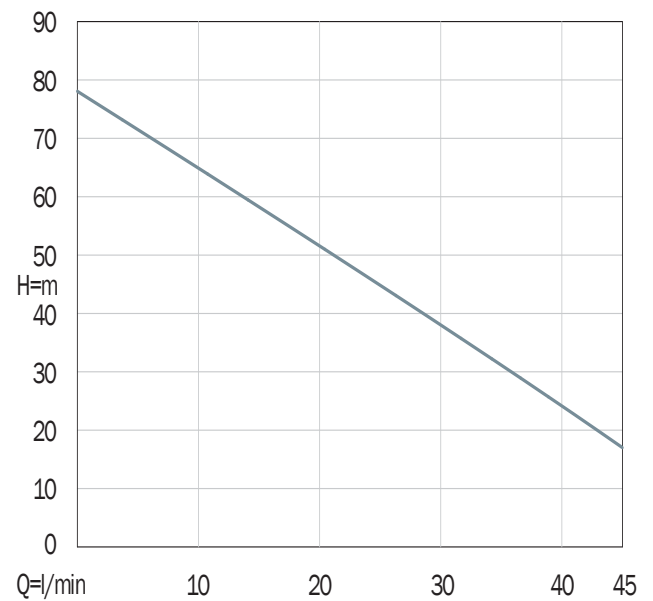
To pressurize civil plants

Irrigation

APPLICATION FEATURES

IP rating	IP68
Duty	Continuous S1
Max number of starts per hour	40
Max temperature of the liquid pumped (°C)	50
PH of the liquid pumped	6 - 10
Maximum sand content (g/m ³)	20
Suitable for inverter drive	Three-phase versions only
Suitable to operate horizontally	

APPLICATION RANGE



CONSTRUCTION

Single-stage pump with peripheral impeller

Coolant filled, asynchronous, rewindable electric AC motor with short circuit rotor. Insulation Class F

Resin-insulated cable kit to prevent penetration of water inside the motor


MATERIALS

Motor casing and tie-rods	Stainless Steel AISI304
Shaft	Stainless Steel AISI420B
Impeller, bolts and nuts	Brass OT58
Head, body and foot	Mechanical cast iron EN GJL-250
Seal rings	NBR rubber
Elastomers	NBR rubber
Cable	H07RN8-F Neoprene

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for 6" boreholes

PERFORMANCE DATA - 2 poles 60 Hz

Peripheral impeller 	Code	Version		P2		A	μF	DNM	Q	Flow						Dimensions (mm)			Weight	
				hp	kW					m ³ /h	0	0,6	1,08	1,5	1,8	2,4	2,7	A	B	C
									l/min	0	10	18	25	30	40	45				
TURBOSOM 77	TMZ077	230 V	1-phase	1,2	0,9	7,2	20	1"	H (m)	78	65	54	45	38	24	17	349	251	136	13,3
	TTZ077	400 V	3-phase			2,7				13,5										

SUPPLIED WITH

10 meters power cable



Control box containing capacitor and unipolar thermal protector switch (single-phase version)



OPTIONS

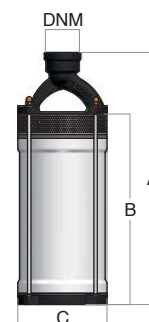
20 meters power cable



30 meters power cable

ACCESORIES

Code	Description
020811..	Three-phase electromechanical direct starter QT MT



PERFORMANCE CURVES - 2 poles 60 Hz

