

TURBOSOM 6"



Electric submersible peripheral pumps TURBOSOM

for 6" boreholes



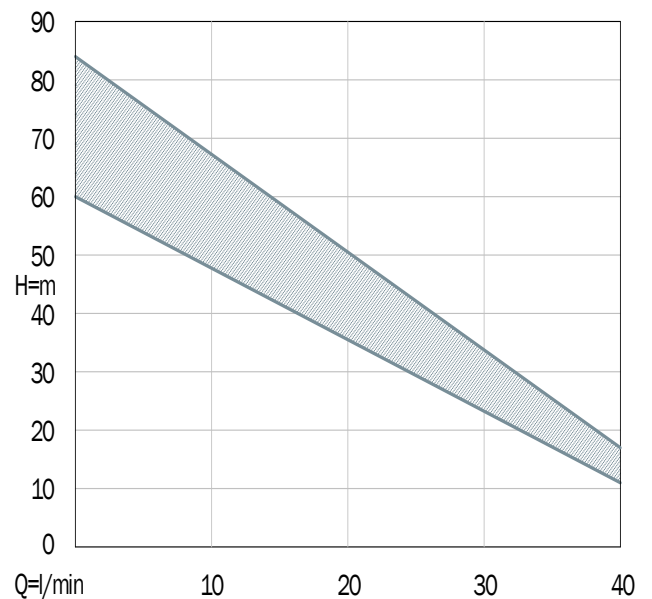
APPLICATION

Single-stage electric submersible pumps for installations in domestic environments. Suitable to pump clean water from boreholes (with sand content not exceeding 20 g/m³). They are recommended to pressurize domestic water plants and for small irrigations.

APPLICATION FEATURES

	TURBOSOM 57	TURBOSOM 77
IP rating	IP68	
Duty	Continuous S1	
Maximum immersion depth (m)	40	20
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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PERFORMANCE DATA - 2 poles 50 Hz

Peripheral impeller 	Code	Version		P2				DNM (GAS)	Q m ³ /h l/min	Flow							Dimensions (mm)			Weight kg
				hp	kW	A	μF			0	0,36	0,72	1,08	1,5	1,8	2,4	A	B	C	
TURBOSOM 57	TM057	230 V	1-phase	0,75	0,55	3,8	16	1"	H (m)	60	54	48	40	31	25	11	334	236	136	12,6
	TT057	400 V	3-phase			1,6					12,6									
TURBOSOM 77	TM077	230 V	1-phase	1	0,75	6	20	1"	H (m)	84	75	66	56	44	35	17	349	251	136	14
	TT077	400 V	3-phase			2,3					13,7									

SUPPLIED WITH

10 meters power cable



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





OPTIONS

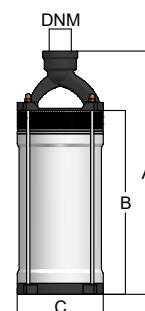
20 meters power cable

30 meters power cable



ACCESSORIES

Code	Description	
06605045	Start and control device (with anti-blocking function)	
020811..	Three-phase electromechanical direct starter QT MT	



PERFORMANCE CURVES - 2 poles 50 Hz

