



# Serie TOP TECNO 1-2

2850 l/min 50 Hz.

Mandata 1" 1/4

Data 01/05/19  
Mod. E



Per acque chiare o leggermente sporche, con girante multicanale aperto a rasamento.

For clear or slightly dirty water, open multi-vane fully submerged impeller.



ITA

## Caratteristiche ed impieghi

La particolare robustezza della elettropompa TOP TECNO ottenuta senza penalizzare la maneggevolezza, la rende idonea ad essere impiegata sia per drenaggio domestico/civile che per impieghi professionali medio/gravosi. Ideale per l'impiego nel prosciugamento di scavi e ambienti allagati, smaltimento acque civili e industriali, svuotamento pozzetti, ricircolo d'acqua in impianti di verniciatura o raffreddamento. La particolare costruzione garantisce una lunga durata, con limitata e semplice manutenzione inoltre avendo la mandata in verticale, ne favorisce l'impiego in pozzetti di limitate dimensioni.

Motore elettrico asincrono a gabbia di scoiattolo in bagno d'olio atossico, protezione IP 68, isolamento in classe F. Versione monofase con motoprotettore incorporato e con il condensatore posizionato sotto al coperchio mentre nella versione trifase la protezione è a carico dell'utente. Fusioni principali in GG 25, albero AISI 420, cavo neoprene H07RN8-F oil resistant, viteria AISI 304, O.Rings e tenuta a labbro in nitrile, tenuta meccanica in carburo di silicio + allumina.

## Limiti di impiego

Temperatura Max. del liquido pompato	40°C
Massima profondità di immersione	20 m
PH del liquido pompato	6 ÷ 10
Massima densità liquido pompato	1,1 Kg/dm <sup>3</sup>
Tensione di alimentazione -Monofase 230V ±6% -Trifase 400V ±10%	
L'elettropompa genera un livello di pressione acustica inferiore a 70 dB	



- Ingombri al minimo con il galleggiante magnetico  
- Dimensions to a minimum with magnetic float switch



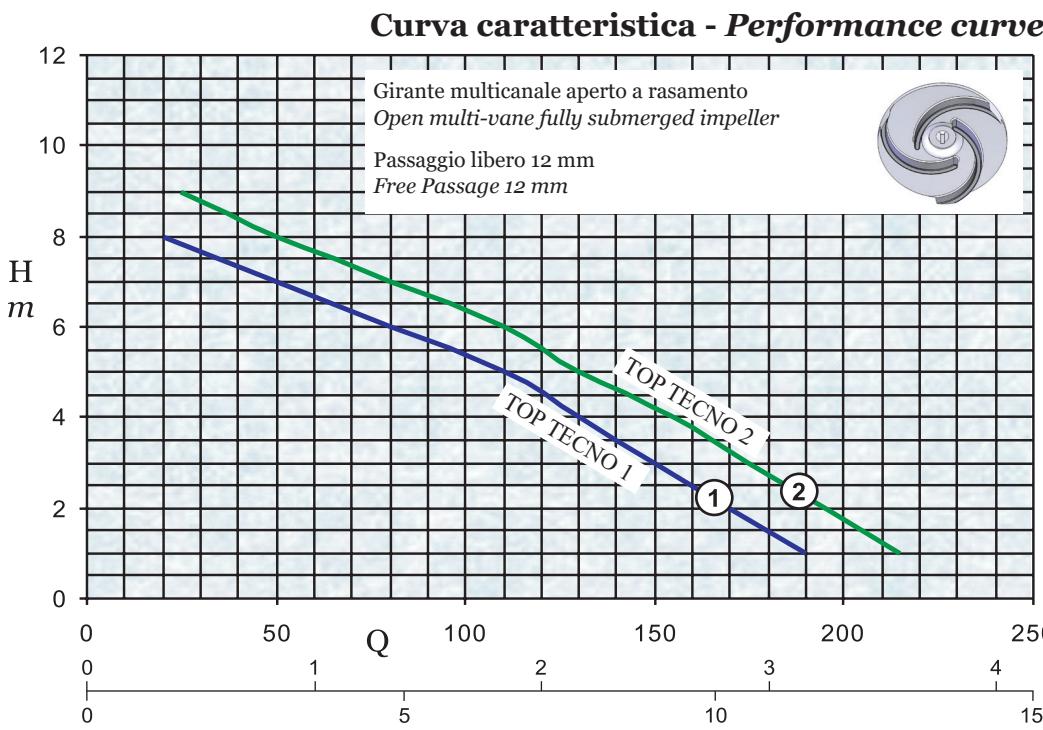
The particular strength of TOP TECNO submersible electric pump, obtained without sacrificing their easy-to-handle qualities, make them suitable for use in domestic/civil drainage jobs and for medium-heavy duty professional uses. Best uses on construction sites and for dewatering floated areas, for civil and industrial waste water, emptying out sump pits, water re circulation in painting or cooling plants. The special construction ensures long life, with limited and easy maintenance also the outlet vertical, encourages its use in wells of limited size. Motor asynchronous squirrel cage type in dielectric anti-oxide oil bath, protection degree IP 68 and insulation class F. Single-phase feeding with incorporated motor protector and with built in capacitor and the three-phase feeding with compulsory protection to be provided by the user. Motor housing Cast iron GG 25, shaft stainless steel AISI 420, electric cable neoprene H07RN8-F oil resistant, bolt A2 class AISI 304, O.ring and lip seal nitrile, mechanical seal on silicon carbide + allumina.

## Features and used

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## Operating limits

Max. temperature of pumped fluid	40°C
Max. immersion depth	20 m
PH of pumped fluid	6 ÷ 10
Max. density of pumped fluid	1,1 Kg/dm <sup>3</sup>
Net supply tensions -Single-phase 230V ±6% -Three-phase 400V ±10%	
The electric pump generates an acoustic pressure level of less than 70 dB	



14		
13		
12		
11		
10		
9	25	
8	20	50
7	50	80
6	80	110
5	110	130
4	130	155
3	150	175
2	170	195
1	190	215
m	l/min	l/min
(1)	(2)	

Q = Portata - Capacity

H = Prevalenza - Head

Curves according to UNI/ISO 9906 Level 2  
Performance as per UNI/ISO 9906 Grade 2

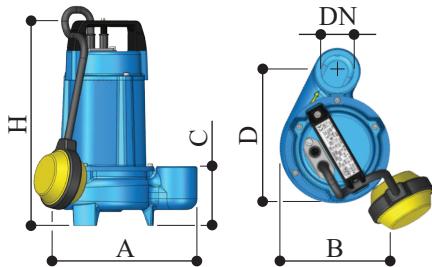
## Dati tecnici - Technical data 50 Hz.

Curva Curve	Codice Code	Elettropompa Electric Pump	Galleggiante Float switch	P2 HP kW	Volts	In A	$\mu F$	Poli Poles	I/min	Cavo Cable		
①	ES.01.201	TOP TECNO 1 M	NO	0,4 0,3	1 ~ 230	2,2	8	2	2850	3 x 1 mm <sup>2</sup> - 5 m		
	ES.01.202	TOP TECNO 1 MG	SI ELET-MEC.							4 x 1 mm <sup>2</sup> - 5 m		
	ES.01.202R	TOP TECNO 1 MGR	SI MAGNETICO							3 x 1 mm <sup>2</sup> - 5 m		
	ES.01.217	TOP TECNO 1 T	-		3 ~ 400	0,85	-			4 x 1 mm <sup>2</sup> - 5 m		
②	ES.01.203	TOP TECNO 2 M	NO	0,5 0,37	1 ~ 230	2,7	10			3 x 1 mm <sup>2</sup> - 5 m		
	ES.01.204	TOP TECNO 2 MG	SI ELET-MEC.							4 x 1 mm <sup>2</sup> - 5 m		
	ES.01.204R	TOP TECNO 2 MGR	SI MAGNETICO							3 x 1 mm <sup>2</sup> - 5 m		
	ES.01.218	TOP TECNO 2 T	-		3 ~ 400	1	-			4 x 1 mm <sup>2</sup> - 5 m		

1 ~ 230 Volts = Monofase / Single-phase - 3 ~ 400 Volts = Trifase / Three-phase

P<sub>2</sub> = Potenza resa dal motore / Power rated by the motor

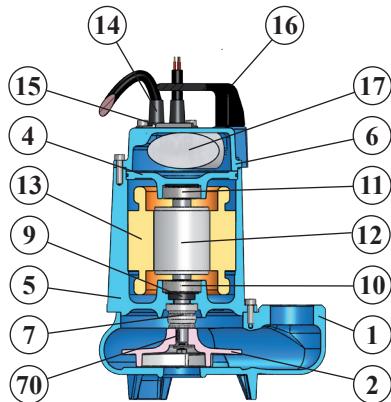
### Dimensioni di ingombro e pesi - Overall dimensions and weights



Elettropompa Electric Pump	DN (inch)	H	A	B	C	D	H <sub>1</sub>	A <sub>1</sub>	B <sub>1</sub>	Kg.
TOP TECNO 1	1" 1/4	263	190	135	78	160	310	200	180	10
TOP TECNO 2										10,5



### Costruzione - Construction



Pos.	Descrizione	Description
1	Corpo pompa GG 25	Pump body GG 25
2	Girante multicanale aperta a rasamento GG 25	Open multi-vane fully submerged impeller GG 25
4	Flangia portacuscinetto GG 25	Flange intermedia GG 25
5	Cassa motore GG 25	Motor casing GG 25
6	Coperchio del motore GG 25	Cover for motor casing GG 25
7	Tenuta meccanica carburo di silicio + allumina	Mechanical seal on silicon carbide + alumina
9	Tenuta a labbro	Lip seal nitrile
10	Cuscinetto inferiore	Lower ball bearing
11	Cuscinetto superiore	Upper ball bearing
12	Albero motore AISI 420 + rotore	Rotor + shaft AISI 420
13	Stator	Stator
14	Passacavo NBR	Chock NBR
15	Pressacavo INOX 316	Cable entry nut INOX 316
16	Maniglia in nylon	Handle
17	Condensatore (solo Monofase 1~230 Volts)	Capacitor (only Single-phase 1~230 Volts)
70	Linguetta	Key

**Installazione:** mobile Fig. B; fissa Fig. C  
**Installation:** trasportabile Fig. B; fixed Fig. C

### TOP TECNO 1-2 MGR

Il galleggiante magnetico permette alla pompa di lavorare in pozzi piccoli dove il galleggiante eletromecanico non avrebbe spazio per svolgere il suo funzionamento. Impiego anche con acque sporche previa pulizia periodica.

*The magnetic float allows the pump to work in small wells where the electromechanical float does not have the space to do its work. Used with dirty water by providing a regular cleaning.*

