

TURBO TC 200-300-400



ELETTROPOMPE SOMMERGIBILI BICANALI PER ACQUE CARICHE SUBMERSIBLE TWIN-CHANNEL ELECTRIC PUMPS FOR WASTEWATER

PREVALENZA : 16,0 ÷ 28,0 mt.
PORTATA : 30,0 ÷ 45,0 m³/h
POTENZA NOMINALE : 1,5 kW (2,0HP) ÷ 3,0 kW (4,0HP)

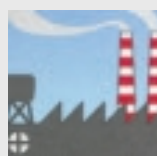
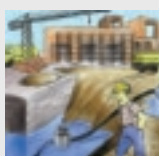
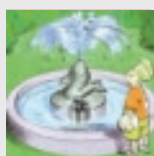
PUMP HEAD : 16,0 mt ÷ 28,0 mt
DELIVERY : 30,0 m³/h ÷ 45,0 m³/h
RATED HORSEPOWER : 1,5 kW (2,0HP) ÷ 3,0 kW (4,0HP)

APPLICAZIONI

- SVUOTAMENTO DI FOSSE DI DECANTAZIONE, POZZI NERI, POZZI DI RACCOLTA LIQUAMI
- POMPAGGIO DI ACQUE LURIDE ANCHE CON CORPI SOLIDI IN SOSPENSIONE
- MOVIMENTAZIONE DI ACQUE LURIDE AD USO DOMESTICO ED INDUSTRIALE

APPLICATIONS

- DECANATION PIT, SEWAGE PIT AND SLURRY COLLECTION PIT PUMP OUT
- PUMP OUT OF LAVATORY/FOUL WATER WITH POSSIBLE FLOATING SOLIDS CONTENTS
- DOMESTIC AND INDUSTRIAL LAVATORY/BLACK WATER HANDLING SYSTEMS.



CARATTERISTICHE DI COSTRUZIONE

- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- DOPPIA TENUTA MECCANICA: LATO MOTORE A BAGNO D'OLIO. LATO POMPA A BAGNO D'ACQUA.
- IMMERSIONE MASSIMA: mt. 10.
- GRADO DI PROTEZIONE IP 68 .
- CLASSE DI ISOLAMENTO: F.
- TEMPERATURA MAX. LIQUIDO POMPATO: 35°C.
- PASSAGGIO LIBERO: 25mm.
- VERSIONI:
Monofase: 220-277V / 50Hz con protettore termico incorporato.
Trifase: 380-400V/ 50Hz con protezione da sovraccarico a cura dell'utente.
- VERSIONE MONOFASE AUTOMATICA SOLO TURBO-TC 2HP.
- CAVO STANDARD:
Monofase: H07RN-F 10mt completa di quadro elettrico con spezzone 0,7 metri senza spina.
Trifase: 10 mt H07RN-F senza spina.

SPECIALE VOLTAGGIO E FREQUENZE A RICHIESTA.

DESIGN ENGINEERING

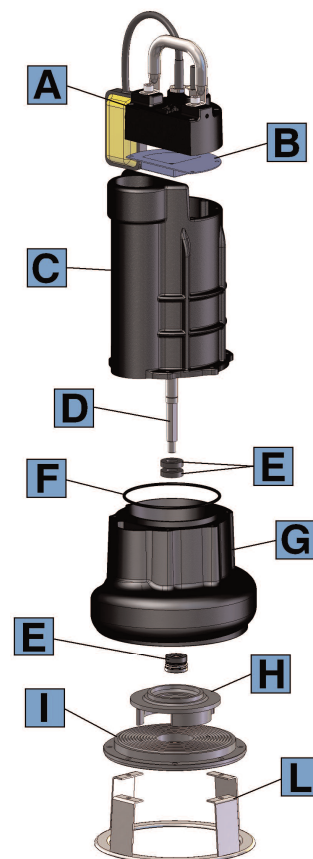
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- DOUBLE MECHANICAL SEALS: ENGINE FACE: OIL BATH. PUMP FACE: WATER BATH.
- PERMISSIBLE EIGHT OF WATER: 10 m.
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE: 35°C.
- BY PASS SECTION: 25mm.
- VERSIONS:
Single Phase: 220-277V/50Hz with built in thermal protection.
Three Phases: 380-400V/50Hz with overload protection care of the User.
- AUTOMATIC SINGLE PHASE VERSION ONLY TURBO-TC 2HP.
- STANDARD CABLE FEATURES:
Single Phase: 10mt H07RN-F complete with power supply box 0,7 m cable section, without connection plug.
Three Phases: 10 mt H07RN-F without connection plug.

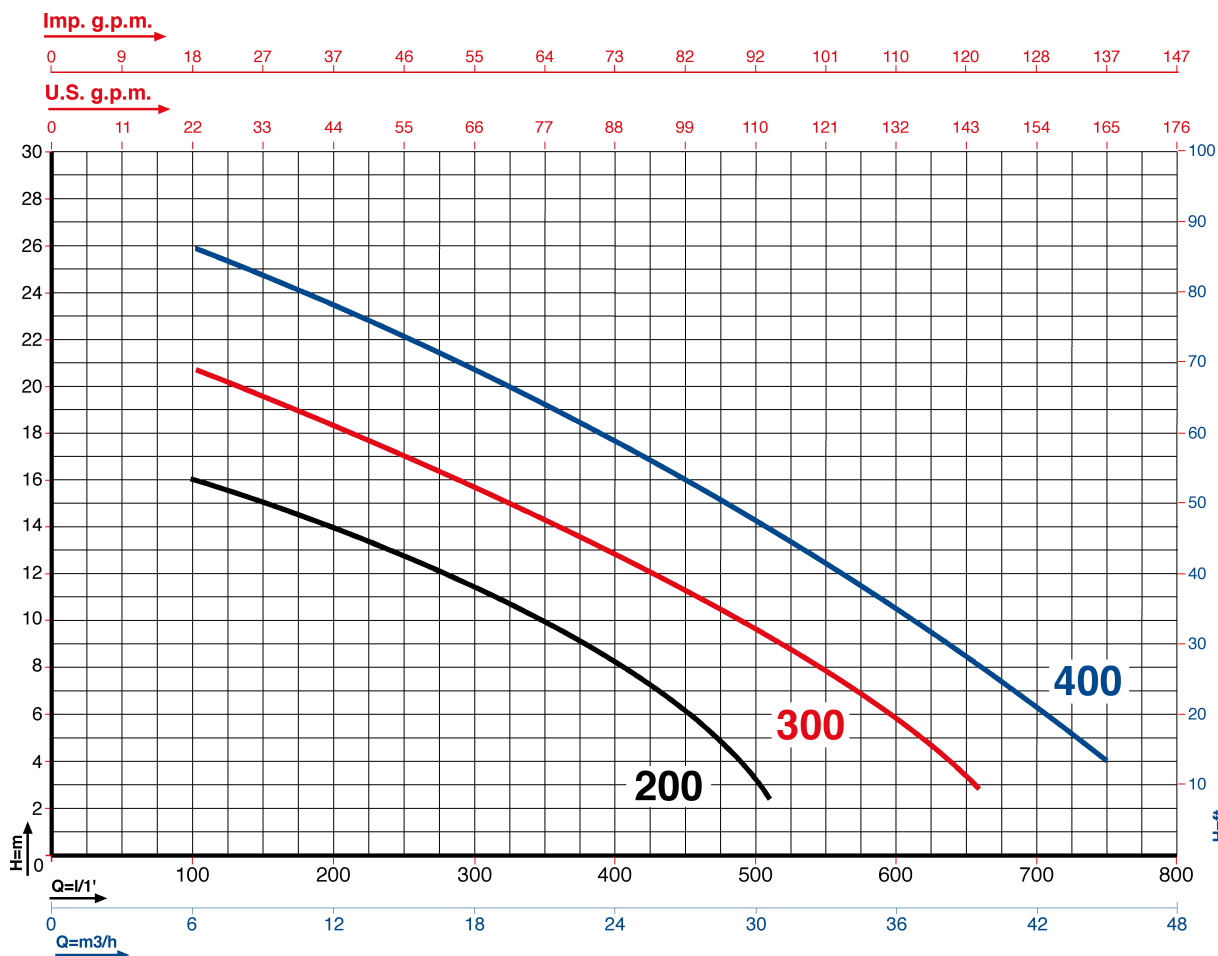
CUSTOMIZE VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component		Materiale / Materials
A	Coperchio / Cover		GHISA (G20) / CAST IRON
B	Guarnizione / Gasket		GOMMA / RUBBER NBR 70
C	Carcassa motore / Motor housing		GHISA (G20) / CAST IRON
D	Albero / Shaft		ACCIAIO INOX AISI 416 DIN 1.4005 / STAINLESS STEEL
E	Tenuta meccanica / Mechanical seal	Lato Motore / Motor side	DOPPIO ANELLO DI TENUTA NBR NBR DOUBLE SEALING RING
		Lato pompa / Pump side	CARBURO DI SILICIO/ALLUMINA SILICON CARBIDE-ALUMINA
F	O-ring		NBR
G	Flangia inferiore / Upper flange		GHISA (G25) / CAST IRON
H	Girante / Impeller		GHISA (G20) / CAST IRON
I	Diffusore / Diffuser		
L	Piattello / Disk base		ACCIAIO INOX AISI 304 DIN 1.4301 / STAINLESS STEEL

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200-300-400**



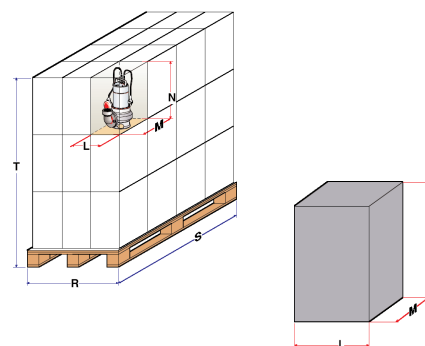
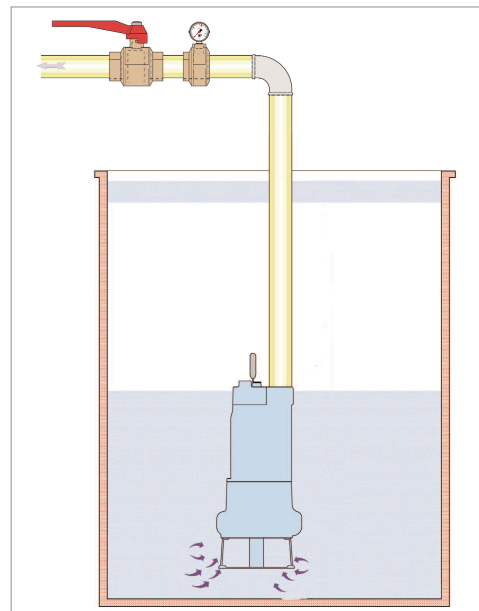
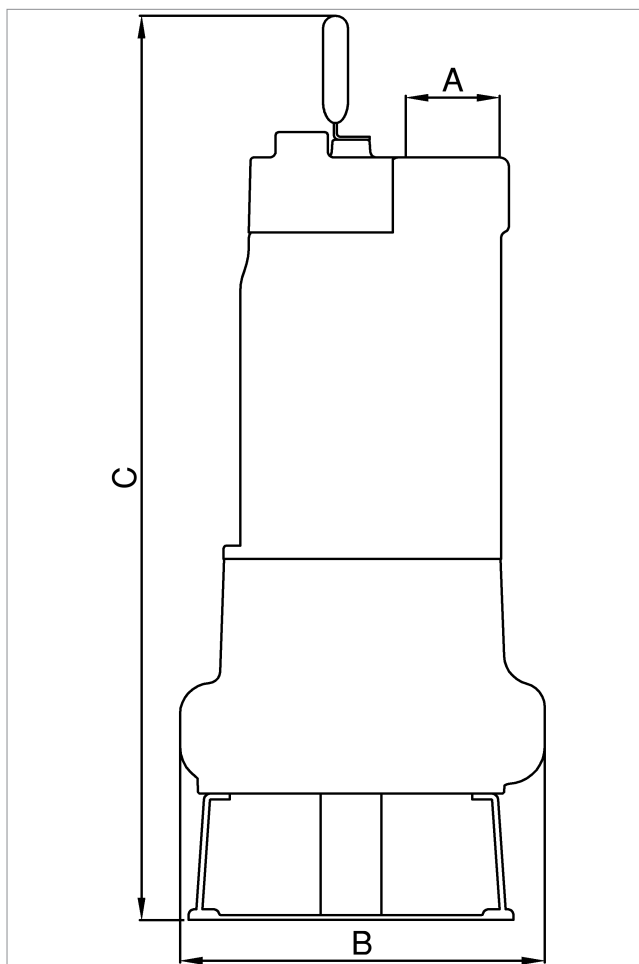


Caratteristiche di funzionamento a 2850 rpm 50Hz - *Performances at 2850 rpm 50 Hz*

Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with a $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE 50 Hz	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA									
		P1max	P2 nom.		I max	Condensatore Capacitor		m³/h	6	9	15	18	24	27	30	39	45
			kW	HP		µF	VC										
TURBO TC 200 M	1 x 220-230V	3,0	1,5	2,0	13,5	40	450	H (m)	100	150	250	300	400	450	500	650	750
TURBO TC 200 T	3 x 380-400V	2,3	1,5	2,0	4,0	---	---		16,0	15,0	12,5	11,0	8,0	5,5	1,0	---	---
TURBO TC 300 M	1 x 220-230V	3,5	2,25	3,0	15,0	50	450		19,0	17,5	15,5	14,5	11,5	10,0	8,0	1,0	---
TURBO TC 300 T	3 x 380-400V	3,3	2,25	3,0	6,0	---	---		19,0	17,5	15,5	14,5	11,5	10,0	8,0	1,0	---
TURBO TC 400 T	3 x 380-400V	5,5	3,0	4,0	9,1	---	---		26,0	24,5	22,0	20,5	17,5	16,0	14,0	8,5	4,0
PREVALENZA TOTALE in METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.																	

DIMENSIONI e PESI / SIZE AND WEIGHT DATA:



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.		
	A	B	C
TURBO TC 200	2"	240	618
TURBO TC 300	2"	240	618
TURBO TC 400	2"	240	618

MODELLO / MODEL	DIMENSIONI SCATOLA / PACKING DIMENSIONS				DIMENSIONI PALLET / PALLET DIMENSIONS				
	L	M	N	Peso / Weight	R	S	T	nr.	Peso / Weight
	mm.	mm.	mm.	Kg.	mm.	mm.	mm.	scatole/cartons	Kg.
TURBO TC 200	640	260	370	45,0	800	1200	2060	21	970
TURBO TC 300	640	260	370	45,0	800	1200	2060	21	970
TURBO TC 400	640	260	370	46,0	800	1200	2060	21	991