

Pompe sommergibili in ghisa

TURBO LG

750F÷1500F series



Elettropompe sommergibili drenaggio per cantieristica Submersible electric pumps for construction work site drainage

Prevalenza: 31,0 mt ÷ 50,0 mt

Portata: 120,0 m³/h ÷ 138,0 m³/h

Pot. nominale: 7,5 kW (10 Hp) ÷ 15 kW (20 Hp)

Applicazioni

- Drenaggio di cantieri edili e cunicoli.
- Movimentazione di acque moderatamente cariche contenenti materiali anche abrasivi.

Pump head: 31,0 mt ÷ 50,0 mt

Delivery: 120,0 m³/h ÷ 138,0 m³/h

Rated output: 7,5 kW (10 Hp) ÷ 15 kW (20 Hp)

Applications

- Work site, trench ducts and underground passage pump out.
- Handling of moderately foul water with material and/or abrasive material contents.

CARATTERISTICHE DI COSTRUZIONE	DESIGN ENGINEERING
<ul style="list-style-type: none"> • Motore a bagno d'olio (biodegradabile e dielettrico) per raffreddamento e lubrificazione cuscinetti • Doppia tenuta macchina: Lato motore a bagno d'olio Lato pompa a bagno d'acqua • Immersione massima: mt 10-20 • Grado di protezione: IP 68 • Classe di isolamento: F • Temperatura max liquido pompato: 35°C • Passaggio libero: 10mm • Versioni Trifase: 380-400V/50Hz con protezione da sovraccarico a cura dell'utente • Cavo standard Trifase: 10 metri H07RN-F senza spina 	<ul style="list-style-type: none"> • <i>Oil bath motor (biodegradable and dielectric) for cooling and bearing lubrication</i> • <i>Double mechanical seals: Engine face oil bath Pump face water bath</i> • <i>Permissible draught of water: 10-20 mt</i> • <i>IP 68 protection class</i> • <i>Class "F" insulation</i> • <i>Max pumped liquid temperature: 35°C</i> • <i>By pass section: 10 mm</i> • <i>Versions</i> <i>Three phases: 380-480V/50Hz with overload protection care of the user</i> • <i>Standard cable features:</i> <i>Three phases: 10 meters H07RN-F without connection plug</i>

Speciali voltaggi e frequenze a richiesta

Customised voltage and frequency rating available on demand

Accessori disponibili a richiesta:

Accessories available on demand:

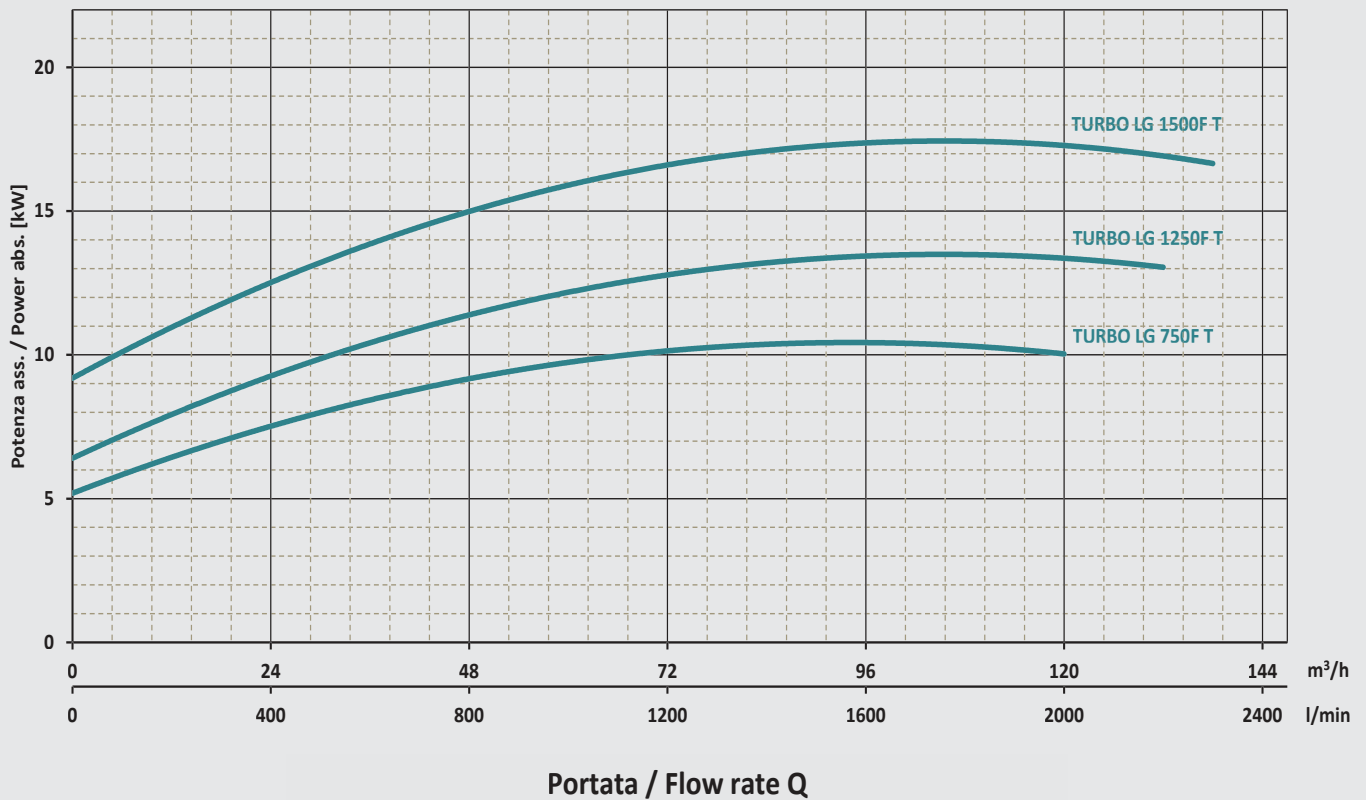
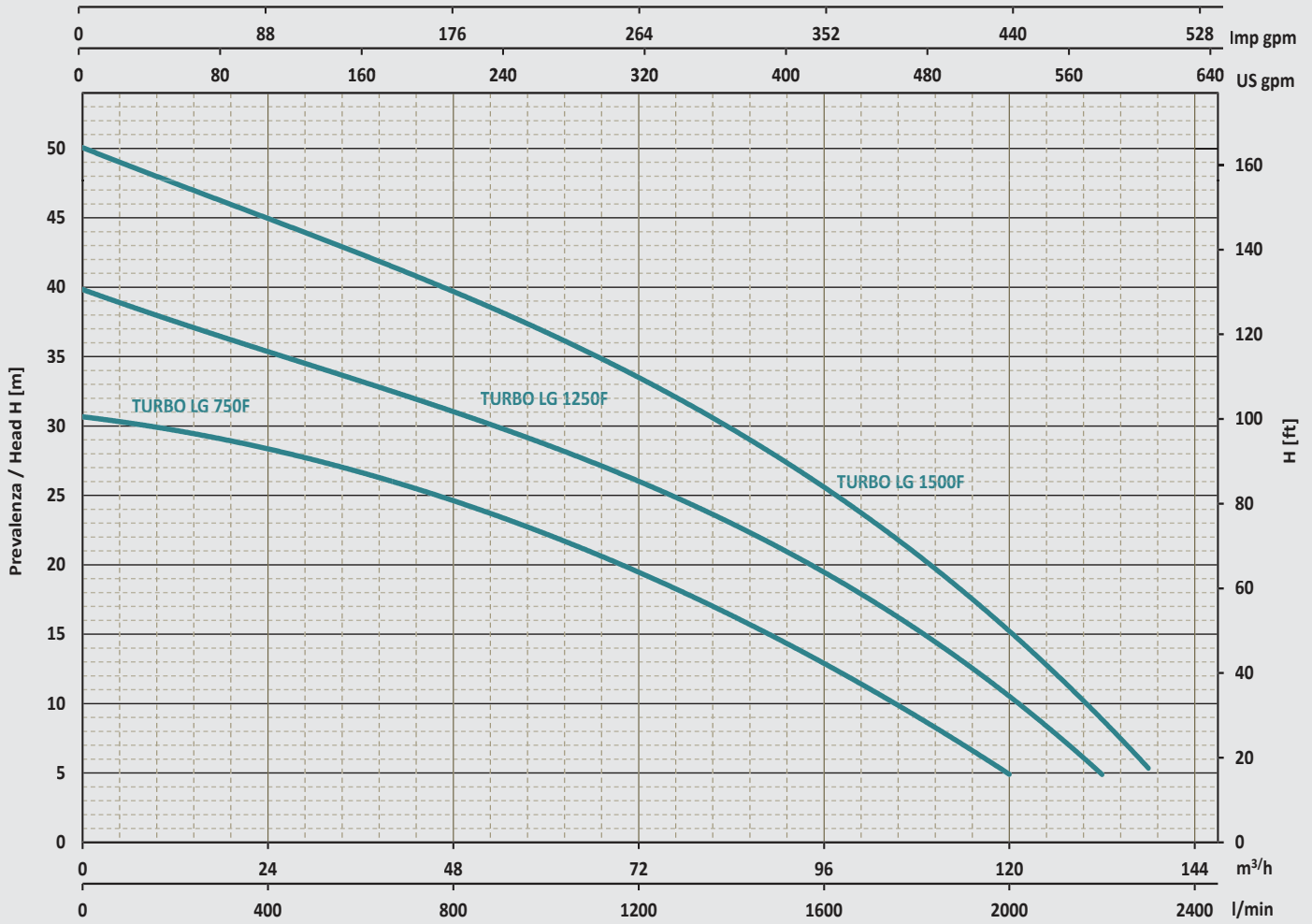
- Quadro elettrico trifase di protezione:
 - Comando galleggiante elettromeccanico.
 - Comando sensore presenza acqua in camera tenuta meccanica.
 - Comando sensori termici indipendenti protezione motore.

- *Three phases electrical safety power supply:*
 - *Electromechanical float control.*
 - *Control of water presence sensor in mechanical seal chamber.*
 - *Control of independent thermal sensors for motor protection.*

TABELLA MATERIALI - MATERIALS TABLE

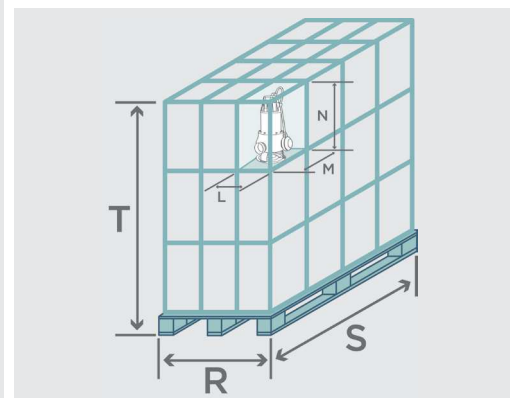
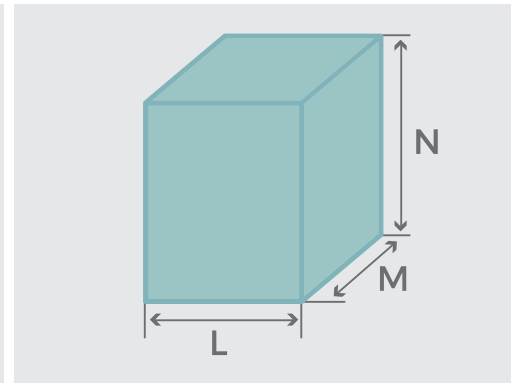
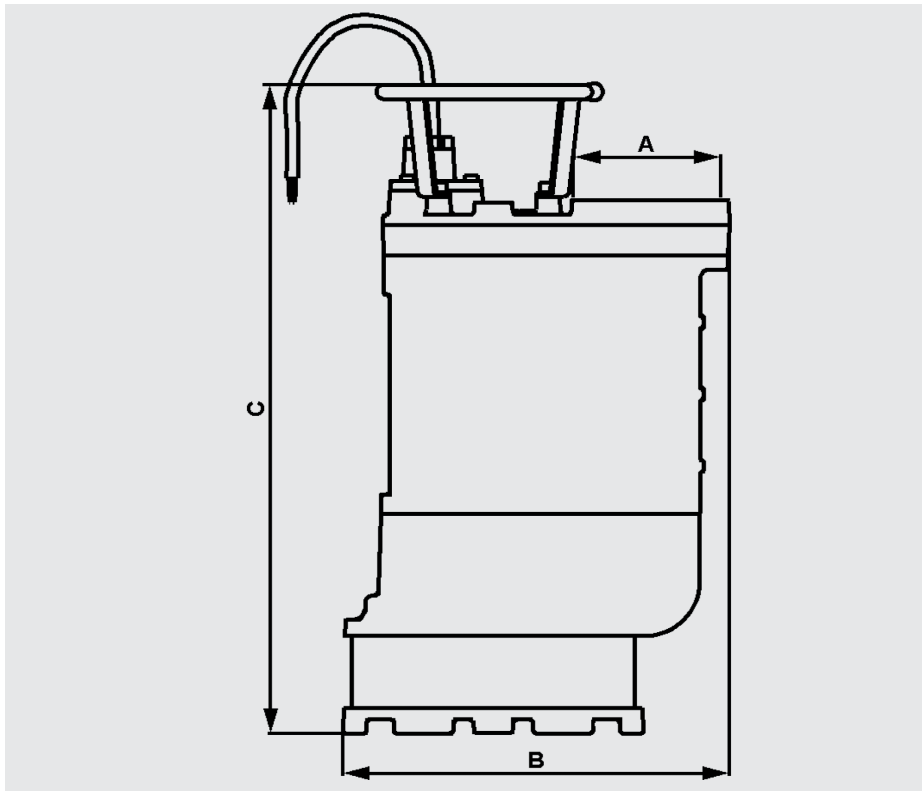
Pos.	COMPONENTI COMPONENTS		MATERIALE MATERIALS
	A	Coperchio Cover	
C	Carcassa motore Motor housing		Ghisa (G20) Cast iron
D	Albero (lato pompa) Shaft (pump side)		Acciaio inox aisi 316 Din 1.4401 Stainless steel
E	Tenuta meccanica Mechanical seal	Lato pompa Pump face	Carburo di silicio Silicon carbide
		Lato motore Motor face	Grafite/allumina Graphite/alumina
F	Flangia inferiore Upper flange		Ghisa Cast iron
G	Girante Impeller		Ghisa (GJS400) Cast iron with treatment
H	Diffusore Diffuser		Ghisa (GJS400) Cast iron with treatment
I	Griglia Grid		Acciaio inox aisi 304 Din 1.4301 /Stainless steel
L	Piatto Disk base		Ghisa (G20) Cast iron
M	Prolunga Extension		Ghisa (G20) Cast iron
N	Porta tenuta Seal holder		Ghisa (G25) Cast iron
O	Maniglia Handle		Acciaio inox aisi 304 Din 1.4301 Stainless steel

Prestazioni / Performance Data 50Hz



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.

		DATI ELETTRICI - ELECTRICAL DATA							DATI IDRAULICI - HYDRAULIC DATA									
Codice	Modello	Phase	Volt	Hz	P. ass.	I. ass.	P. nom.		m ³ /h	0	24	48	72	96	108	120	132	138
Code	Model				kW	A	kW	HP	l/min.	0	400	800	1200	1600	1800	2000	2200	2300
TLG7505-F	TURBO LG 750 F	3 ~	400	50	10,5	19	7,5	10		31	28	24	20	14	8	5	-	-
TLG12505-F	TURBO LG 1250 F	3 ~	400	50	13,5	23	12,5	16,5	H (m)	40	35	31	26,5	20	14	11	5	-
TLG15005-F	TURBO LG 1500 F	3 ~	400	50	17,5	29	15	20		50	45	40	33	26	20	16	9	5



MODELLO MODEL	DIMENSIONI POMPA PUMP DIMENSION		
	A	B	C
TURBO-LG 750 F	4"	350	780
TURBO-LG 1250 F	4"	350	780
TURBO-LG 1500 F	4"	350	780

MODELLO MODEL	DIMENSIONI SCATOLA PACKING DIMENSION				DIMENSIONI PALLET PALLET DIMENSIONS				
	L mm	M mm	N mm	Peso Weight kg	R mm	S mm	T mm	NR scatole	PESO Kg
TURBO-LG 750 F T	1000	450	400	102,0	910	1030	2200	8	928
TURBO-LG 1250 F T	1000	450	400	108,0	910	1030	2200	8	976
TURBO-LG 1500 F T	1000	450	400	110,0	910	1030	2200	8	992