

Fiche produit Motralec Arven TURBO LG 750F 1000F English - fiche technique | Motralec

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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
• 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	• Oil bath motor (biodegradable and dielectric) for cooling and bearing lubrication • Double mechanical seals: Engine face oil bath Pump face water bath • Permissible draught of water: 10-20 mt • IP 68 protection class • Class "F" insulation • Max pumped liquid temperature: 35°C • By pass section: 10 mm • Versions - Three phases: 380-480V/50Hz with overload protection care of the user • Standard cable features: - Three phases: 10 meters H07RN-F without connection plug

Speciali voltaggi e frequenze a richiesta

Customised voltage and frequency rating available on demand

Accessori disponibili a richiesta:

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

Accessories available on demand:

- 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.

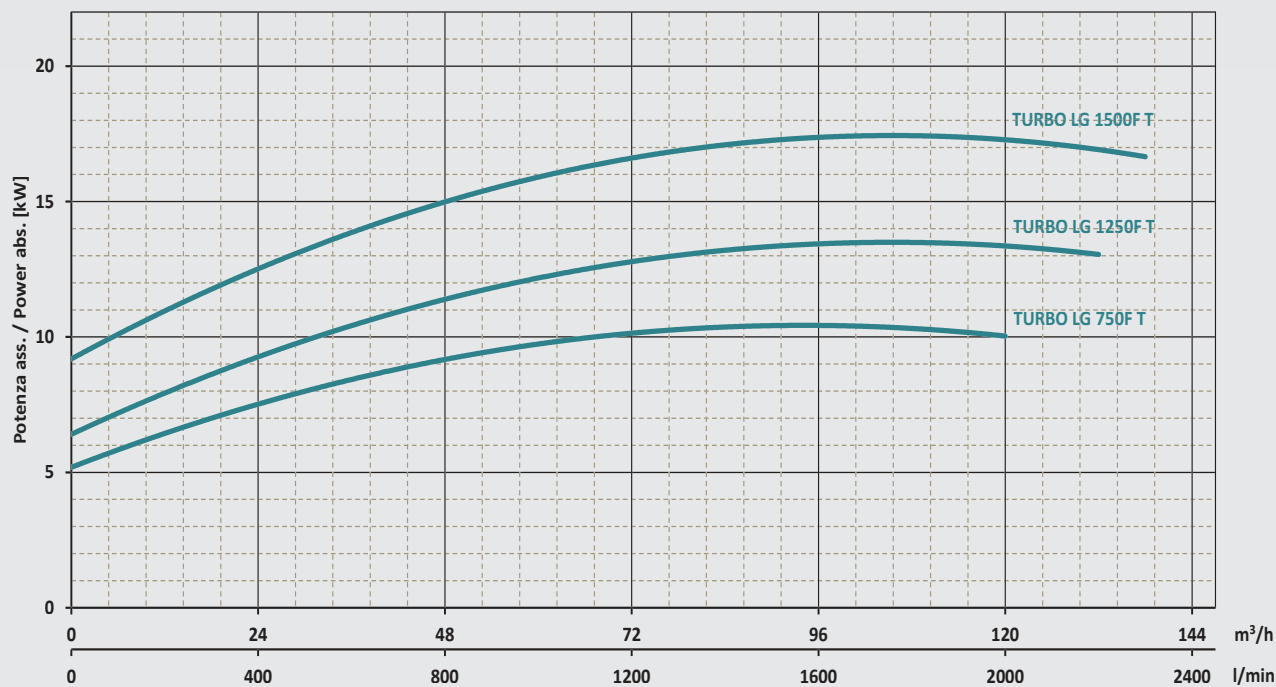
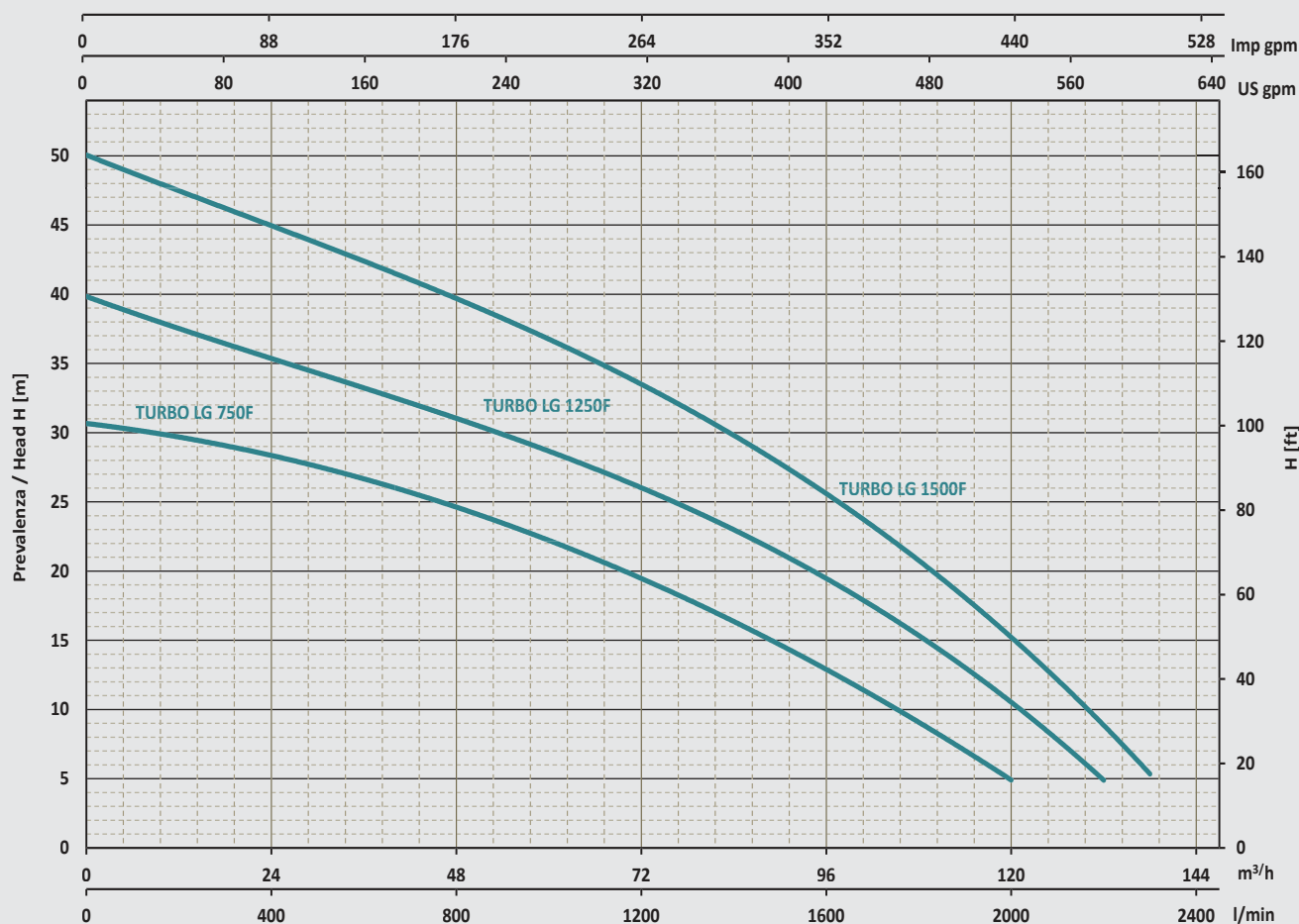
TABELLA MATERIALI - MATERIALS TABLE

Pos.	COMPONENTI COMPONENTS	MATERIALE MATERIALS
A	Coperchio Cover	Ghisa (G20) Cast iron
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 Diffuseur	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

Elettropompe sommergibili ghisa
Submersible electric pumps cast iron
TURBO LG 750F+1500F



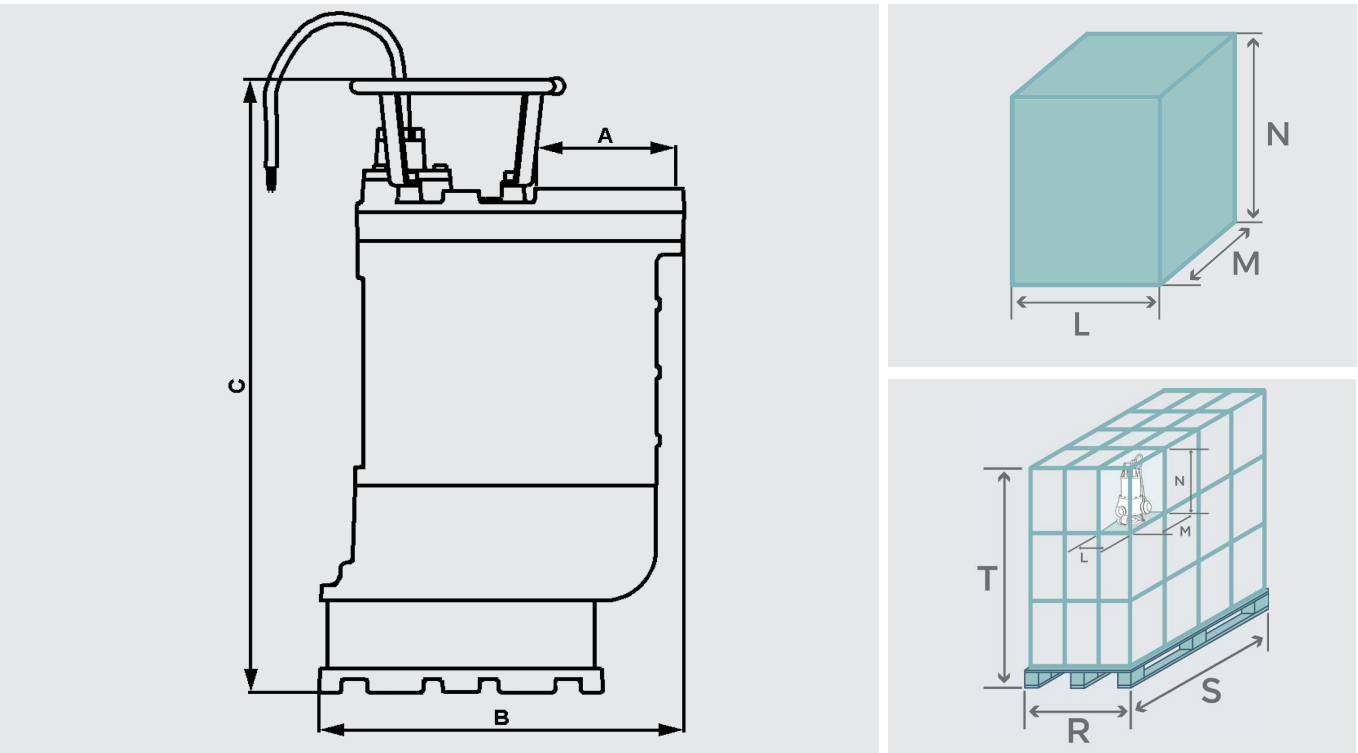
Prestazioni / Performance Data 50Hz



Portata / Flow rate Q

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.

Codice	Modello	Phase	Volt	Hz	P ass.	I ass.	P nom.		m3/h	0	24	48	72	96	108	120	132	138
Code	Model				kW	A	kW	HP	I/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

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Besoin d'un prix ou d'un conseil technique ?

Arven TURBO LG 750F 1000F English

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