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Elettropompe sommergibili inox

SKIPPER



Elettropompe sommergibili vortex per acque cariche
Submersible vortex electric pumps for waste water

Prevalenza: 7,0 mt ÷ 13,0 mt

Portata: 15,6 m³/h ÷ 30,0 m³/h

Pot. nominale: 0,6 kW (0,8 Hp) ÷ 1,5 kW (2,0 Hp)

Passaggio solidi fino a 50 mm

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.

Pump head: 7,0 mt ÷ 13,0 mt

Delivery: 15,6 m³/h ÷ 30,0 m³/h

Rated output: 0,6 kW (0,8 Hp) ÷ 1,5 kW (2,0 Hp)

Solid matter bypass up to 50 mm

Applications

- Decantation 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		DESIGN ENGINEERING	
- Elettropompa a doppia camera (motore, tenuta meccanica) - Motore a bagno d'olio (biodegradabile e dielettrico) per raffreddamento e lubrificazione cuscinetti - Anello di tenuta lato motore - Tenuta meccanica a bagno d'olio - Immersione massima: mt 5 - Grado di protezione: IP 68 - Classe di isolamento: F - Temperatura max liquido pompato: 25°C con pompa parzialmente immersa 35°C con pompa totalmente immersa		- Double chamber electric pump (motor, mechanical seal) - Oil bath motor (biodegradable and dielectric) for cooling and bearing lubrication - Sealing ring - engine face - Oil bath mechanical seals - Permissible draught of water: 5 mt - IP 68 protection class - Class "F" insulation - Max pumped liquid temperature: 25°C with partially submerged pump 35°C with totally submerged pump	
Passaggio libero: 35 mm - Skipper 80 50 mm - Skipper 100 - 150 - 200		By pass section: 35 mm - Skipper 80 50 mm - Skipper 100 - 150 - 200	
- Versioni - Monofase: 220-277V/50Hz o 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito - Trifase: 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente - Versioni monofasi automatiche con galleggiante o manuali senza galleggianti - Cavo standard - Monofase: 10 metri H07RN-F per versione standard (Aut-Man) - Trifase: 10 metri H07RN-F		- Versions - Single Phase: 220-277V/50Hz or 220-277V/60Hz with built in thermal protection and permanent capacitor - Three Phase: 220-277V/50Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60Hz with overload protection care of the User - Automatic single phase version with floater or manual single phase version, without floater - Standard cable features: - Single phase: 10 meters H07RN-F for the standard version (automatic-manual) 10 mt H07RN-F only for the automatic version - Three phase: 10 meters H07RN-F	
Speciali voltaggi e frequenze a richiesta		Customised voltage and frequency rating available on demand	

TABELLA MATERIALI - MATERIALS TABLE

The diagram shows an exploded view of a submersible pump assembly. The components are labeled with letters in circles:

- A**: External motor housing (top section)
- B**: Impeller (middle section)
- C**: Shaft (pump side) (middle section)
- D**: Mechanical seal (middle section)
- E**: O-ring (middle section)
- G**: Motor holder (middle section)
- I**: Cover + handle (top section)
- L**: Diffuser (middle section)
- N**: Suction base (bottom section)
- P**: Pump body (bottom section)

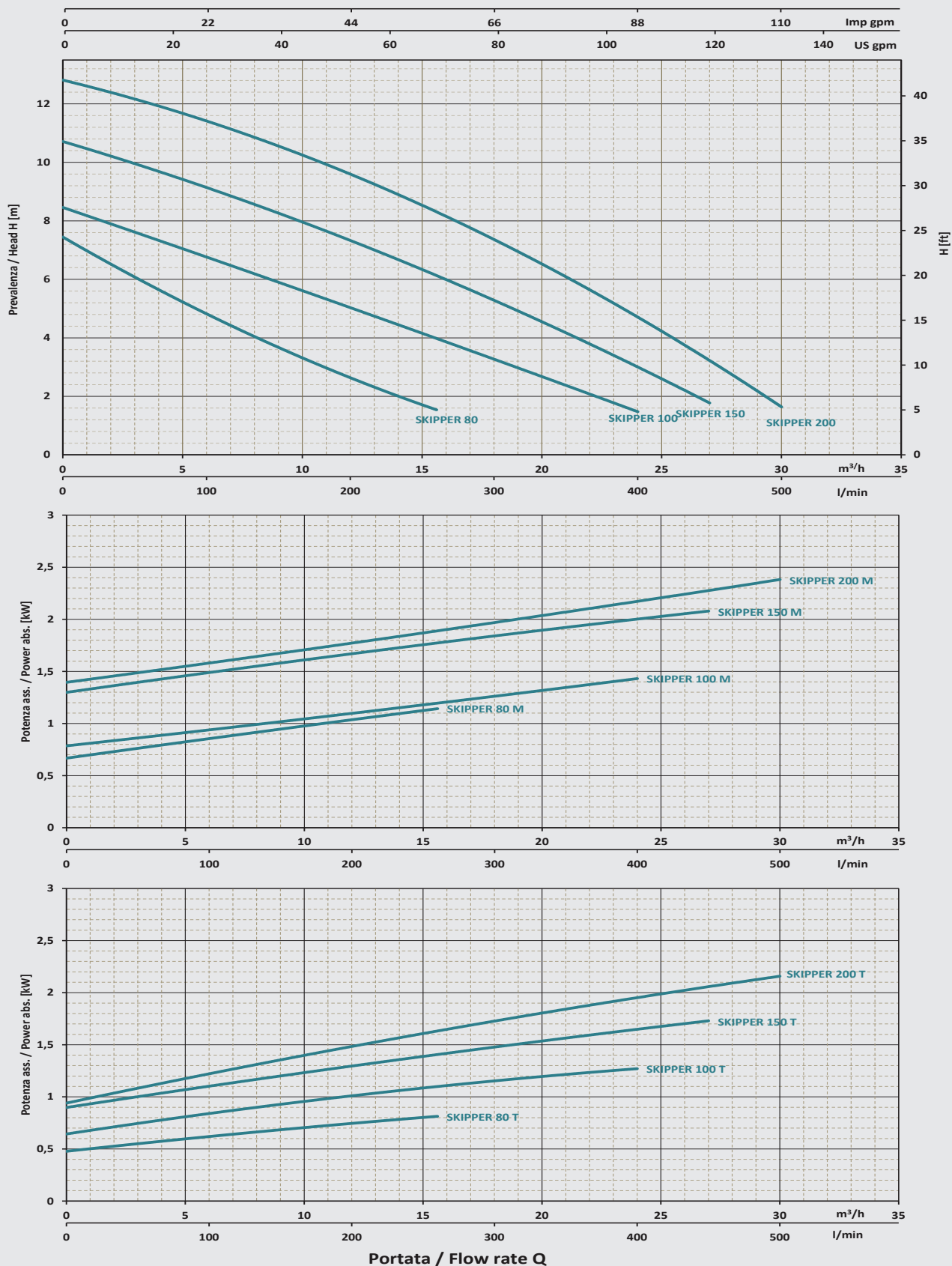
 The assembly is shown in a vertical orientation, with the motor housing at the top and the suction base at the bottom. The impeller and shaft are shown in the middle, and the diffuser and pump body are at the bottom. The cover and handle are shown on the side, and the motor holder is shown below the motor housing.

Pos.	COMPONENTI COMPONENTS	MATERIALE MATERIALS
A	Carcassa esterna External motor housing	Acciaio inox aisi 304 Din 1.4301 / Stainless steel
B	Girante Impeller	Acciaio inox aisi 304 Din 1.4301 / Stainless steel
C	Albero (lato pompa) Shaft (pump side)	Acciaio inox aisi 316 Din 1.4401 / Stainless steel
D	Tenuta meccanica Mechanical seal	Lato pompa Pump face Grafite - Ceramica Graphite - Ceramic
		Lato motore Motor face Anello di tenuta nbr Nbr seal ring
E	O-ring	Nbr
G	Porta motore Motor holder	Acciaio inox aisi 304 Din 1.4301 /Stainless steel
I	Coperchio + maniglia Cover + handle	Acciaio inox aisi 304 Din 1.4301 /Stainless steel
L	Diffusore Diffuser	Acciaio inox aisi 304 Din 1.4301 /Stainless steel
N	Base d'aspirazione Suction base	Acciaio inox aisi 304 Din 1.4301 /Stainless steel
P	Corpo pompa Pump body	Acciaio inox aisi 304 Din 1.4301 /Stainless steel

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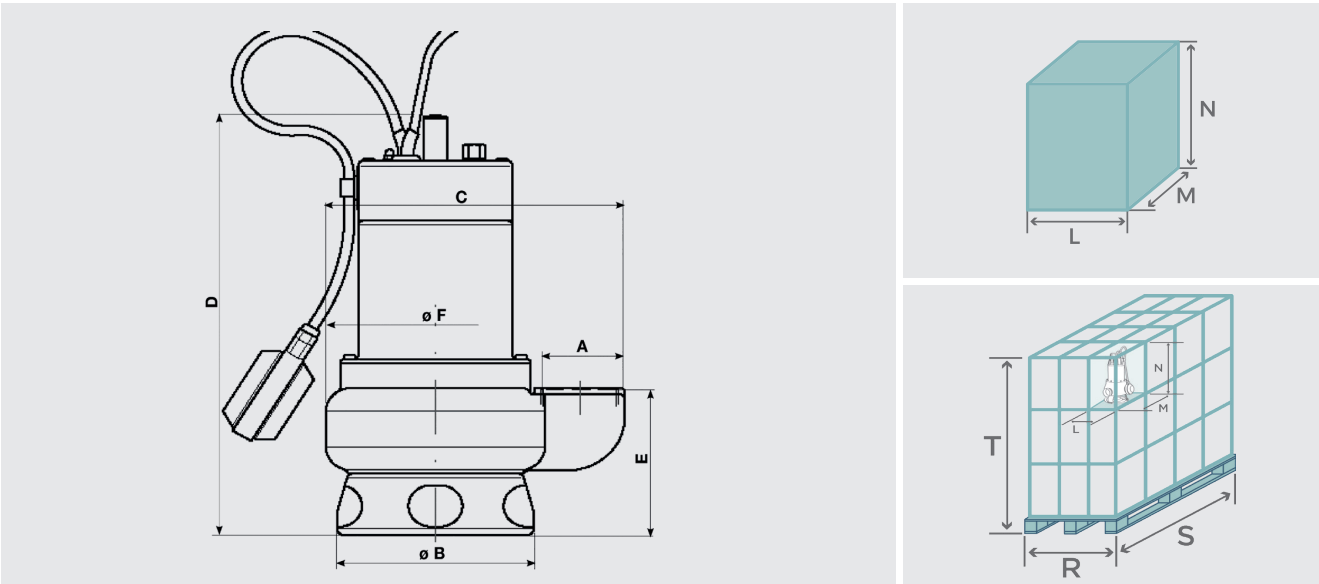


Prestazioni / Performance Data 50Hz



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.

Codice	Modello	Phase	Volt	Hz	P ass.	I ass.	P nom.		Capacitor		m3/h	0	3	6	9	12	15,6	18	24	27	30
Code	Model				kW	A	kW	HP	µF	VC	l/min.	0	50	100	150	200	260	300	400	450	500
SKP0802	SKIPPER 80 M AUT	1 -	230	50	1,1	5	0,6	0,8	16	450		7,5	6	4,8	3,7	2,7	1,5	-	-	-	-
SKP0803	SKIPPER 80 M	1 -	230	50	1,1	5	0,6	0,8	16	450		7,5	6	4,8	3,7	2,7	1,5	-	-	-	-
SKP0805	SKIPPER 80 T	3 -	400	50	0,9	2	0,6	0,8	-	-		7,5	6	4,8	3,7	2,7	1,5	-	-	-	-
SKP1002	SKIPPER 100 M AUT	1 -	230	50	1,5	6,5	0,75	1	20	450		8,5	7,5	6,8	6	5	4	3,2	1,5	-	-
SKP1003	SKIPPER 100 M	1 -	230	50	1,5	6,5	0,75	1	20	450		8,5	7,5	6,8	6	5	4	3,2	1,5	-	-
SKP1005	SKIPPER 100 T	3 -	400	50	1,3	2,4	0,75	1	-	-		8,5	7,5	6,8	6	5	4	3,2	1,5	-	-
SKP1502	SKIPPER 150 M AUT	1 -	230	50	2,2	10,4	1,1	1,5	30	450	H (m)	11	9,8	9	8	7,3	6,2	5,6	3,2	1,5	-
SKP1503	SKIPPER 150 M	1 -	230	50	2,2	10,4	1,1	1,5	30	450		11	9,8	9	8	7,3	6,2	5,6	3,2	1,5	-
SKP1505	SKIPPER 150 T	3 -	400	50	1,7	3	1,1	1,5	-	-		11	9,8	9	8	7,3	6,2	5,6	3,2	1,5	-
SKP2002	SKIPPER 200 M AUT	1 -	230	50	2,4	11,5	1,5	2	30	450		13	12,2	11,2	10,4	9,5	8,3	7,5	5,2	3	1,5
SKP2003	SKIPPER 200 M	1 -	230	50	2,4	11,5	1,5	2	30	450		13	12,2	11,2	10,4	9,5	8,3	7,5	5,2	3	1,5
SKP2005	SKIPPER 200 T	3 -	400	50	2,2	3,6	1,5	2	-	-		13	12,2	11,2	10,4	9,5	8,3	7,5	5,2	3	1,5



MODELLO MODEL	DIMENSIONI POMPA PUMP DIMENSION						
	A	B	C	D	E	F	G
SKIPPER 80 M/T	1"1/2	164	217	355	153	164	108
SKIPPER 100 M/T	1"1/2	164	217	355	153	164	108
SKIPPER 150 M/T	2"	164	221	395	178	164	108
SKIPPER 200 M/T	2"	164	221	395	178	164	108

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
SKIPPER 80 M/T	190	230	410	10,5	800	1200	1360	60	650
SKIPPER 100 M/T	190	230	410	11,5	800	1200	1360	60	715
SKIPPER 150 M/T	260	230	410	13,5	800	1200	1360	60	835
SKIPPER 200 M/T	260	230	410	13,5	800	1200	1360	60	835

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www.motralec.com/.../pompe-submersible-vortex-eaux-chargees-arven-skipper

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