MIZAR/S aisi 316



ELETTROPOMPE SOMMERGIBILI DRENAGGIO PER ACQUE CHIARE, SPORCHE E LIQUIDI AGGRESSIVI
SUBMERSIBLE ELECTRIC PUMPS FOR WHITE, DIRTY WATER AND AGGRESSIVE LIQUIDS DRAINAGE

PREVALENZA ..... **: 8,0 mt. - 10,0 mt.**
PORTATA ..... **: 9,0 m3/h - 10,5 m3/h**
POTENZA NOMINALE : 0,25 kW (0,33 HP) **÷ 0,45 kW** (0,6 HP)
PASSAGGIO SOLIDI FINO A 10 mm (SERIE VOX 20 mm)

PUMP HEAD ..... ***: 8,0 mt ÷ 10,0 mt***
DELIVERY ..... ***: 9,0 m³/h ÷ 10,5 m³/h***
RATED HORSEPOWER : 0,25 kW *(0,33 HP)* ***÷ 0,45 kW*** *(0,6 HP)*
SOLID MATTER BYPASS up to 10 mm *(SERIE VOX 20 mm)*

APPLICAZIONI

- SVUOTAMENTO DA ACQUE PIOVANE,D'INFILTRAZIONE, DI POZZETTI O VASCHE DI RACCOLTA.
- PRELIEVO DA VASCHE DI RACCOLTA DI ACQUE PIOVANE PER PICCOLE IRRIGAZIONI A SCORRIMENTO DI ORTI E DI GIARDINI.
- TRAVASO DI ACQUA CHIARA DA SERBATOI E VASCHE.
- POMPAGGIO DI ACQUE SPORCHE CON CORPI SOLIDI IN SOSPENSIONE (SOLO SERIE VOX).
- POMPAGGIO DI LIQUIDI AGGRESSIVI.

APPLICATIONS

- *RAIN, SEEPAGE, SUMP PIT AND CATCH TANK WATER PUMP OUT.*
- *GARDEN AND VEGETABLE-GARDEN MINI FLOOD IRRIGATION SYSTEM RAINWATER CATCH TANK PUMP DOWN.*
- *WHITE WATER PUMP OVER FROM RESERVOIRS AND VATS.*
- *PUMPING DIRTY WATER WITH POSSIBLE FLOATING SOLID CONTENTS (ONLY VOX SERIES).*
- *PUMPING AGGRESSIVE LIQUID.*





CARATTERISTICHE DI COSTRUZIONE:

- MOTORE A SECCO RAFFREDDATO DAL LIQUIDO POMPATO
- DOPPIA TENUTA MECCANICA: DOPPIO ANELLO DI TENUTA LATO MOTORE, TENUTA MECCANICA A BAGNO D'OLIO LATO POMPA
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F
- TEMPERATURA MAX.LIQUIDO POMPATO: 35°C
- PASSAGGIO LIBERO: 10 mm MIZAR 30/S - 60/S
  20mm MIZAR 60/S VOX
- VERSIONI: Monofase:220-277V/50Hz o 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.
- CAVO STANDARD:
  Monofase: 10 metri H05VVF per versione normale (aut.-man).

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

DESIGN ENGINEERING:

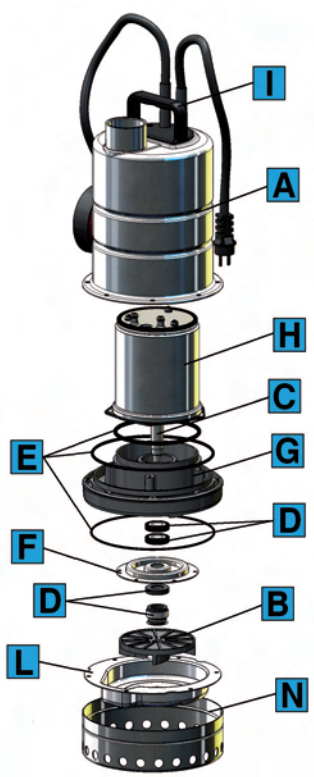
- *SEMI WET MOTOR WATERCOOLED*
- *DOUBLE MECHANICAL SEAL: DOUBLE SEALING RING-ENGINE FACE, OIL BATH MECHANICAL SEALS PUMP FACE*
- *PERMISSIBLE DRAUGHT OF WATER: 5 m*
- *IP 68 PROTECTION CLASS.*
- *CLASS "F" INSULATION.*
- *MAX. PUMPED LIQUID TEMPERATURE: 35°C*
- *BY PASS SECTION:* 10 mm MIZAR 30/S - 60/S
  20mm MIZAR 60/S VOX.
- *VERSIONS: Single Phase: 220–277V/50 Hz or 220-277V/60Hz with built in thermal protection and permanent capacitor.*
- *STANDARD CABLE FEATURES:*
  Single phase :10 metres H05VV-F for the standard version (automatic-manual)

CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

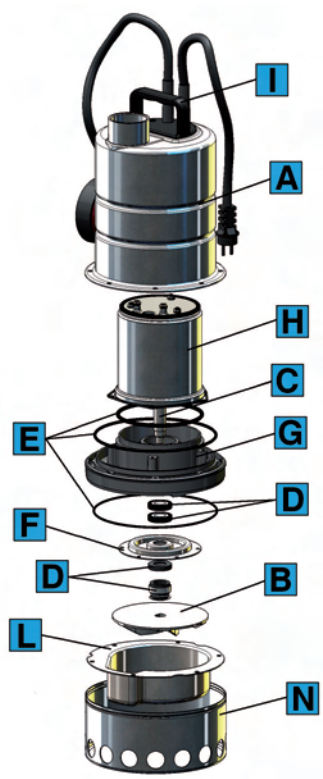
TABELLA MATERIALI - *MATERIALS TABLE:*

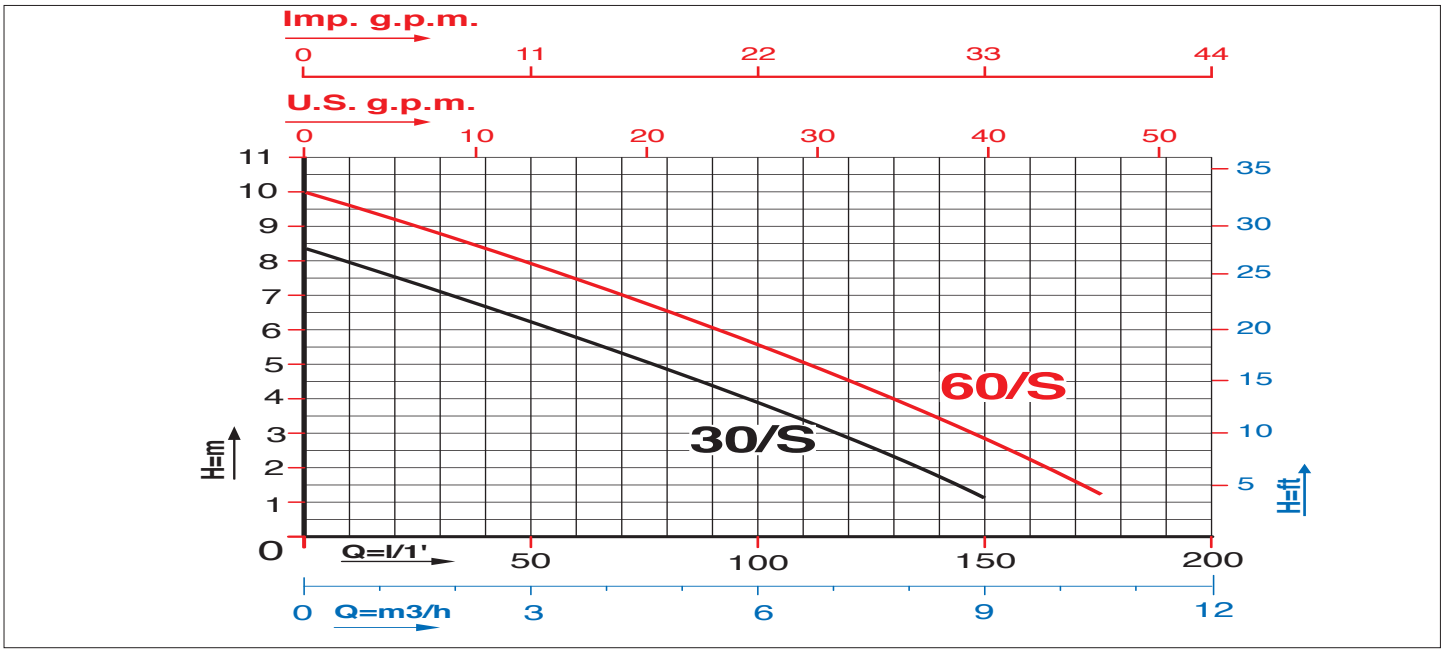
Pos.	Componente - *Component*		Materiale - *Materials*
A	Carcassa esterna / *External motor housing*		ACCIAIO INOX AISI 316 - DIN 1.4401 / *STAINLESS STEEL*
B	Girante / *Impeller*	MIZAR 30/S - 60/S	TECNOPOLIMERO *TECNOPOLYMER*
		MIZAR 60/S VOX	ACCIAIO INOX AISI 316 - DIN 1.4401 / *STAINLESS STEEL*
C	Albero (lato pompa) / *Shaft (pump side)*		ACCIAIO INOX AISI 316 - DIN 1.4401 / *STAINLESS STEEL*
D	Tenuta meccanica *Mechanical seal*	Lato pompa / *Pump face*	CARBURO DI SILICIO - VITON *SILICON CARBIDE - VITON*
		Lato motore / *Motor face*	DOPPIO ANELLO DI TENUTA *DOUBLE SEALING RING*
E	O-ring		VITON
F	Porta tenuta / *Seal holder*		ACCIAIO INOX AISI 316 - DIN 1.4401 / *STAINLESS STEEL*
G	Porta motore / *Motor holder*		TECNOPOLIMERO *TECNOPOLYMER*
H	Cassa motore / *Motor housing*		ACCIAIO INOX AISI 316 - DIN 1.4401 / *STAINLESS STEEL*
I	Coperchio / *Cover*		TECNOPOLIMERO *TECNOPOLYMER*
L	Diffusore / *Diffuser*		ACCIAIO INOX AISI 316 - DIN 1.4401 *STAINLESS STEEL*
N	Base d'aspirazione / *Suction base*		

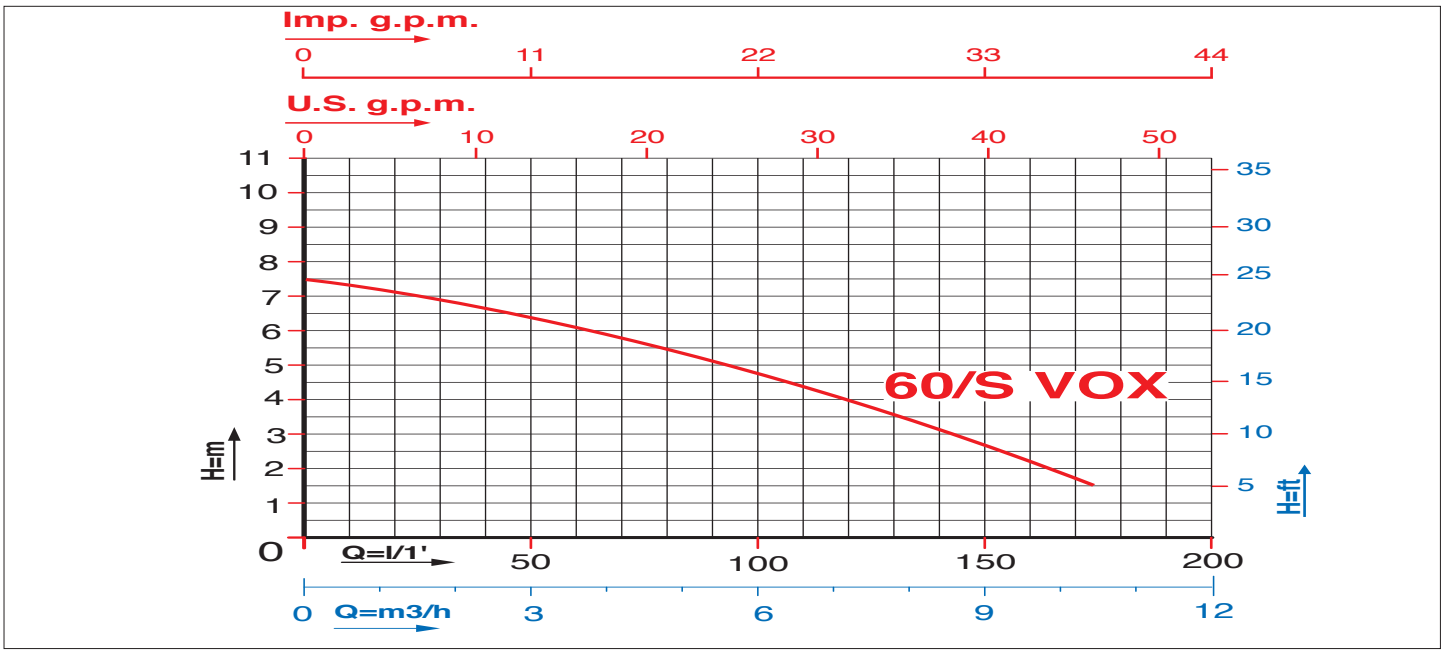
MIZAR 30/S - 60/S



MIZAR 60/S VOX







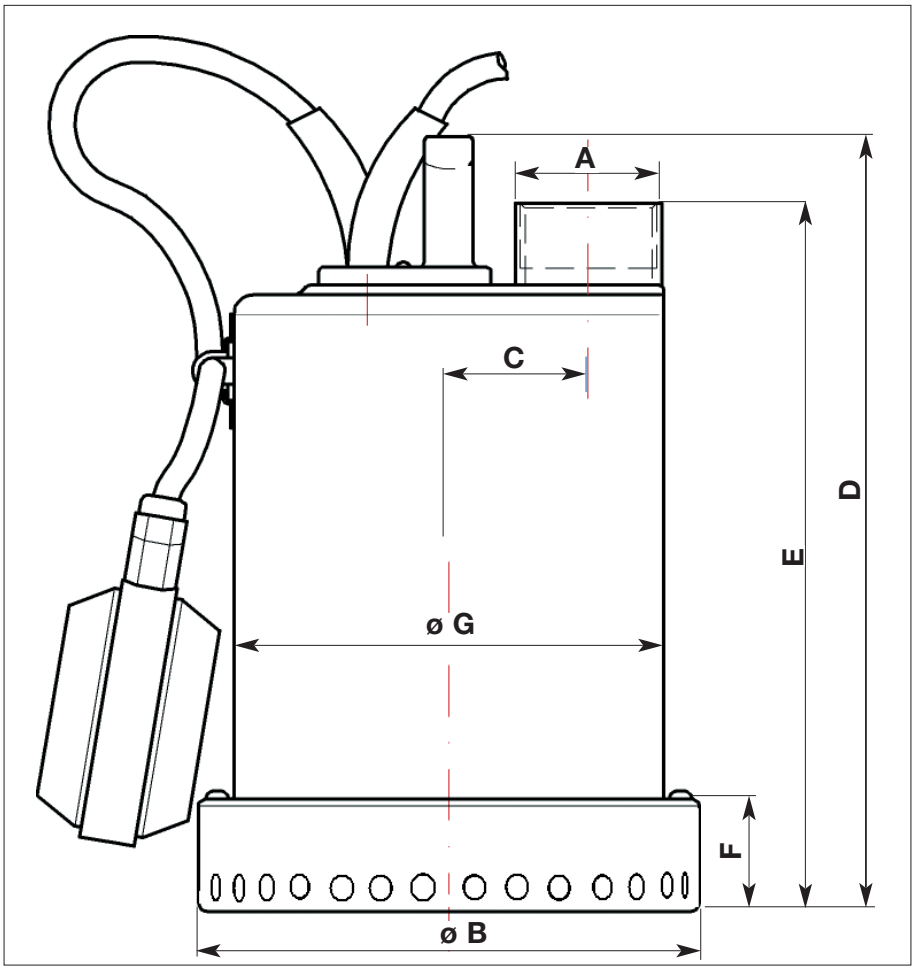
Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - *Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz*

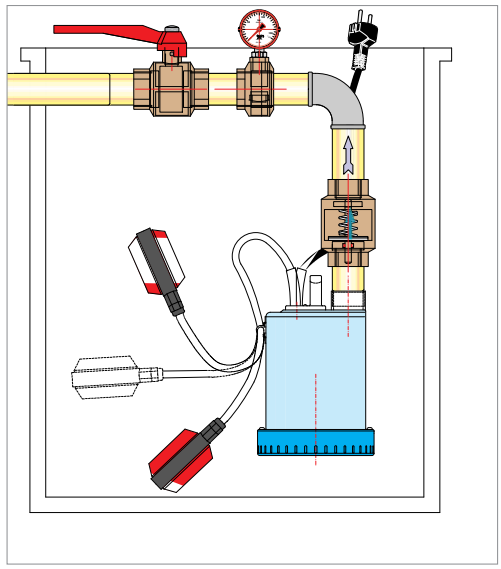
Le prestazioni valgono per liquidi con densità p = 1,0 kg/dm^3 ed una viscosità v = 1 mm^2/s / *The performance data holds true for liquids with a p = 1,0 kg/dm^3 density and a v= 1 mm^2/s viscosity.*

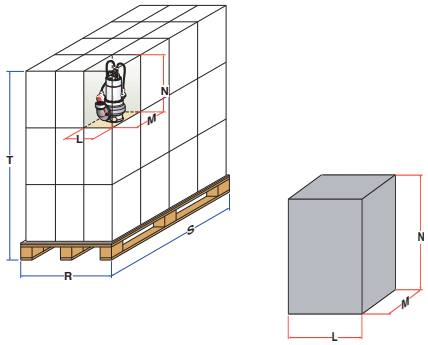
MODELLO *MODEL*	VOLTAGGIO *VOLTAGE*	DATI ELETTRICI / *ELECTRICAL DATA*						DATI IDRAULICI / *HYDRAULIC DATA*								
		P1 max	**P2** nom.		**I** max	Condensatore *Capacitor*		m^3/h	0	1,5	3	4,5	6	7,5	9	10,5
	50 Hz	kW	kW	HP	Ampere	µF	VC	l/min.	0	25	50	75	100	125	150	175
MIZAR 30/S M	1 x 220-230V	0,5	0,25	0,33	2,2	8,0	450	**H** (m)	**8,0**	**7,2**	**6,2**	**5,2**	**4,0**	**2,6**	**1,0**	**---**
MIZAR 60/S M	1 x 220-230V	0,7	0,45	0,6	3,0	10,0	450		**10,0**	**8,8**	**8,0**	**6,8**	**5,6**	**4,5**	**3,0**	**1,2**
MIZAR 60/S T	3 x 380-440V	0,7	0,45	0,6	1,4	---	---		**10,0**	**8,8**	**8,0**	**6,8**	**5,6**	**4,5**	**3,0**	**1,2**
MIZAR 60/S VOX M	1 x 220-230V	0,6	0,45	0,6	2,8	10,0	450		**7,5**	**7,0**	**6,4**	**5,5**	**4,6**	**3,4**	**2,6**	**1,5**
MIZAR 60/S VOX T	3 x 380-440V	0,6	0,45	0,6	1,3	---	---		**7,5**	**7,0**	**6,4**	**5,5**	**4,6**	**3,4**	**2,6**	**1,5**

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	D	E	F	G
MIZAR/S 30	1" 1/4	154	41	249	228	50	132
MIZAR/S 60	1" 1/4	154	41	249	228	50	132
MIZAR/S 60 VOX	1" 1/4	154	41	282	261	74	132

MODELLO *MODEL*	DIMENSIONI SCATOLA / *PACKING DIMENSIONS*				DIMENSIONI PALLET / *PALLET DIMENSIONS*				
	L mm	M mm	N mm	Peso / Weight Kg	R mm	S mm	T mm	nr. scatole/*cartons*	Peso / Weight Kg
MIZAR 30/S	220	190	330	5,5	800	1200	1465	80	450
MIZAR 60/S	220	190	330	6,2	800	1200	1465	80	506
MIZAR 60/S VOX	220	190	330	6,5	800	1200	1465	80	530