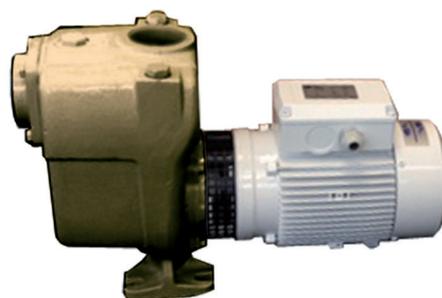




AM  
Corrente alternata / Alternating current



AM 512 B - 24V  
Corrente continua / Direct current



AM 512 / AM 615 / AM 801  
Corrente alternata / Alternating current

## DESCRIZIONE E APPLICAZIONI

Elettropompe centrifughe **autoadescanti in bronzo** (adescamento lento) in grado di fornire elevate quantità di liquido. Queste elettropompe trovano largo impiego nel settore nautico per i servizi di svuotamento sentine, antincendio, zavorra, lavaggio ponti catene e gruppi di condizionamento.

La particolare conformazione della girante permette il passaggio di liquidi con piccoli corpi solidi in sospensione.

## DESCRIPTION AND USE

**Self priming centrifugal electric pumps made in bronze** (slow priming) capable of transfer or supply large flow of liquid. They are widely used in the nautical sector to empty bilges, fire-fighting equipment, ballast, washing of decks and chains and air conditioning systems. The particular impeller shape allows the transferring of liquid with small solid parts in suspension.

## CARATTERISTICHE COSTRUTTIVE

- Corpo pompa: BRONZO
- Supporto motore: BRONZO
- Girante : BRONZO
- Albero : ACCIAIO INOX AISI 316
- Tenuta meccanica: CERAMICA–GRAFITE - NBR (speciale anti-corrosione)

## CONSTRUCTION FEATURES

- Pump body: BRONZE
- Motor support: BRONZE
- Impeller: BRONZE
- Shaft : AISI 316 STAINLESS STEEL
- Mechanical seal: CERAMICS – GRAPHITE - NBR (special corrosion-proof)

## MOTORE

- **Corrente Continua:**  
Motore elettrico 12/24V a magneti permanenti, protezione IP23, Classe di Isolamento F, Servizio continuo (S1).
- **Corrente Alternata:**  
Motore elettrico asincrono 230V monofase (M) / 230+400V o 400+690V trifase (T), 50Hz, protezione IP55, Classe di Isolamento F, Servizio continuo (S1).

## MOTOR

- **Direct Current:**  
Permanent magnets electric motor 12/24V, Protection IP23, Insulation Class F, Continuous Duty (S1).
- **Alternating Current:**  
Induction electric motor, 230V single-phase (M) / 230+400V or 400+690V three-phase (T), 50Hz, Protection IP55, Insulation Class F, Continuous Duty (S1).

## LIMITI DI IMPIEGO

- Passaggio corpi solidi ( Ø massimo):
- AM40: 4,5 mm / AM50: 8 mm / AM65-AM65/1: 14 mm / AM512: 10 mm / AM615: 15 mm / AM810: 15 mm
- Temperatura del liquido: da +0 a +70°C
- Profondità max. di aspirazione:  
AM40: 4,5m. / AM50:5,5 m / AM65: 7,5 m  
AM512, AM615 e AM801: 6 m
- Pressione statica nel corpo pompa: 6 bar max.

## SCOPE

- Solid parts handling (max. Ø) :
- AM40: 4,5 mm / AM50: 8 mm / AM65-AM65/1: 14 mm / AM512: 10 mm / AM615: 15 mm / AM810: 15 mm
- Temperature range of the liquid: from +0 to +70°C
- Max. suction depth:  
AM40: 4,5m. / AM50:5,5 m / AM65: 7,5 m  
AM512, AM615 e AM 801: 6 m
- Static pressure inside the pump body: 6 bar max.

## ACCESSORI A RICHIESTA

- Contro flange filettate in bronzo per AM40,AM50,AM65, AM65/1
- Base omega in acciaio inox con antivibranti

## ACCESSORIES ON REQUEST

- Threaded counter flanges made in bronze for AM40, AM50, AM65, AM65/1
- Omega base made in stainless steel with anti-vibration mounts

## PRESTAZIONI / PERFORMANCES

Modello Type	Materiale Material	Voltaggio Voltage (V)	Potenza Power		Assorbimento Absorption (A)	Giri/min. RPM	Portata Max. Max. delivery (l/min.)	Prevalenza Max. Max. head (m)
			HP	kW				
AM 512B	Bronzo Bronze	24V	1,5	1,1	50	2800	500	15,5
		230M	1,5	1,1	7,4	2800	500	15,5
		230÷400T	1,5	1,1	4,7÷2,7	2800	500	15,5
AM 512A	Bronzo Bronze	230M	2	1,5	9,2	2800	550	19,5
		230÷400T	2	1,5	7,5÷4,3	2800	550	19,5
AM 615C	Bronzo Bronze	230÷400T	3	2,2	9,15÷5,3	2800	800	17,5
AM 615B	Bronzo Bronze	230÷400T	4	3	11,5÷6,6	2800	900	21,5
AM 615A	Bronzo Bronze	230÷400T	5,5	4	9,6	2800	950	29
AM 801B	Bronzo Bronze	400÷690T	7,5	5,5	10,9÷6,3	2800	1100	27
AM 801A	Bronzo Bronze	400÷690T	10	7,5	14,3÷8,3	2800	1100	34
AM 40	Bronzo Bronze	230M	4	3	17,4	2800	665	27
		230÷400T	4	3	11,6÷6,7	2800	665	27
AM 50	Bronzo Bronze	230÷400T	7,5	5,5	21,3÷12,3	2800	830	35
AM 65	Bronzo Bronze	400÷690T	15	11	21÷12,1	2800	1300	48
AM 65/1	Bronzo Bronze	400÷690T	25	18	35÷20,5	2800	1500	56

24V: CORRENTE CONTINUA / DIRECT CURRENT

230M, 50Hz: corrente alternata monofase / single-phase alternating current

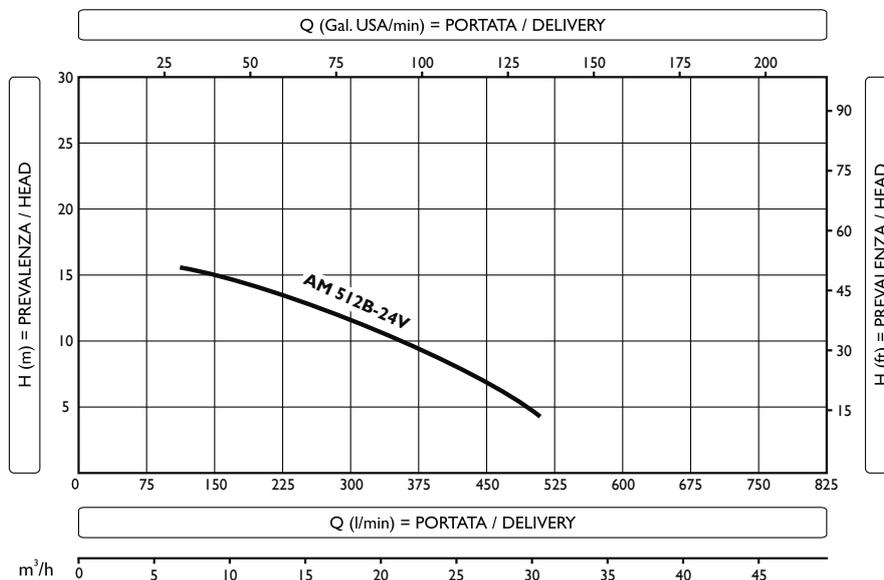
230÷400T / 400÷690T, 50Hz: corrente alternata trifase / three-phase alternating current

A richiesta disponibili altri voltaggi a 50Hz e 60Hz / Available on request other voltages at 50Hz and 60Hz.

### CORRENTE CONTINUA (c.c.) / DIRECT CURRENT (d.c.)

#### PRESTAZIONI / PERFORMANCES

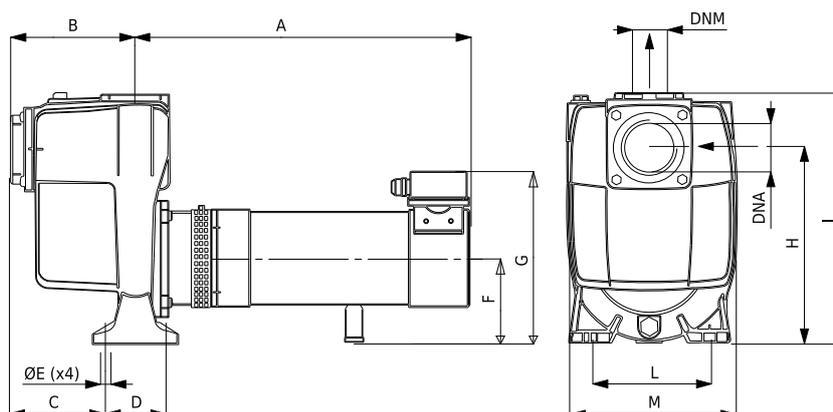
##### AM 512B



Modello Type	Voltaggio Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	Flow Rate (Q)									
		HP	kW				m³/h	6	9	12	15	18	21	24	27	30
AM 512B	24	1,5	1,1	50	2800	H (m)	15,5	14,9	14,2	12,9	11,6	10	8,3	6,2	4	

#### DIMENSIONI E PESI / DIMENSIONS AND WEIGHTS

##### AM 512B



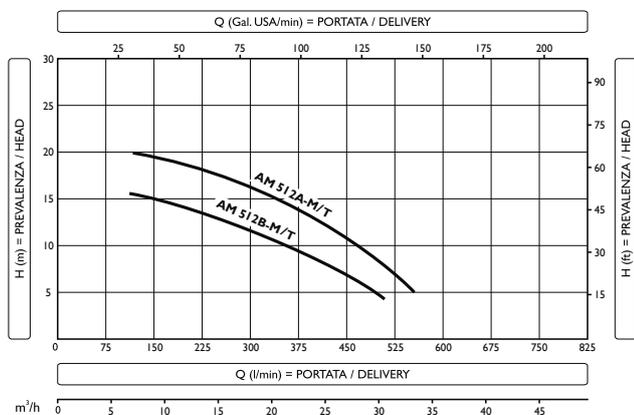
Modello Type	Corrente Current	Dna (Gas - BSP)	Dnm (Gas - BSP)	A	B	C	D	ØE	F	G	H	I	L	M	Peso Weight (kg)
AM 512B	c.c - d.c	2"	2"	370	147	112	80	16	100	205	230	295	140	190	34

Misure in millimetri (mm), dimensioni non impegnative / Measures in millimeter (mm), dimensions approximated

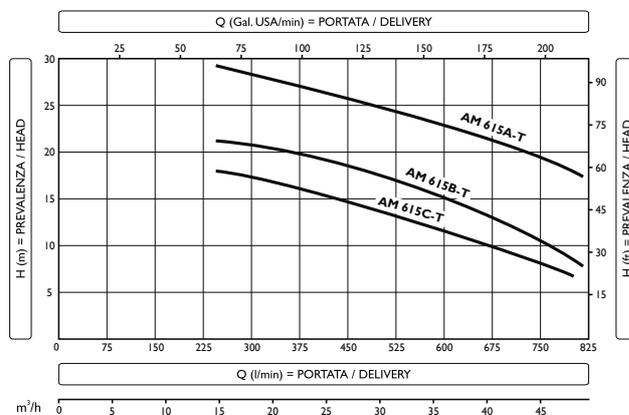
### CORRENTE ALTERNATA (c.a.) / ALTERNATING CURRENT (a.c.)

#### PRESTAZIONI / PERFORMANCES

#### AM 512B / AM 512A



#### AM 615C / AM 615B / AM 615A



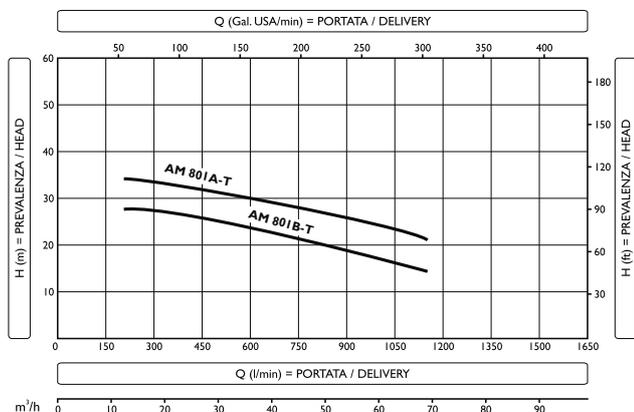
Modello Type	Voltage Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	H (m)									
		HP	kW				m³/h	6	9	12	15	18	21	24	27	30
AM 512B	230M	1,5	1,1	7,4	2800	H (m)	15,5	14,9	14,2	12,9	11,6	10	8,3	6,2	4	
	230÷400T	1,5	1,1	4,7÷2,7	2800		15,5	14,9	14,2	12,9	11,6	10	8,3	6,2	4	
AM 512A	230M	2	1,5	9,2	2800		19,5	19	18	17	15,5	14	12,5	10,5	8	5
	230÷400T	2	1,5	7,5÷4,3	2800		19,5	19	18	17	15,5	14	12,5	10,5	8	5

Modello Type	Voltage Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	H (m)									
		HP	kW				m³/h	15	18	24	30	33	36	42	48	54
AM 615C	230÷400T	3	2,2	9,15÷5,3	2800	H (m)	17,5	17	16	14	13	11,5	9	6,5		
AM 615B	230÷400T	4	3	11,5÷6,6	2800		21,5	21	19,5	17,5	16,5	15,5	12,5	9,5	6,5	
AM 615A	230÷400T	5,5	4	9,6 ÷5,8	2800		29	28	27	25,5	24,5	23,5	21	18	14	11

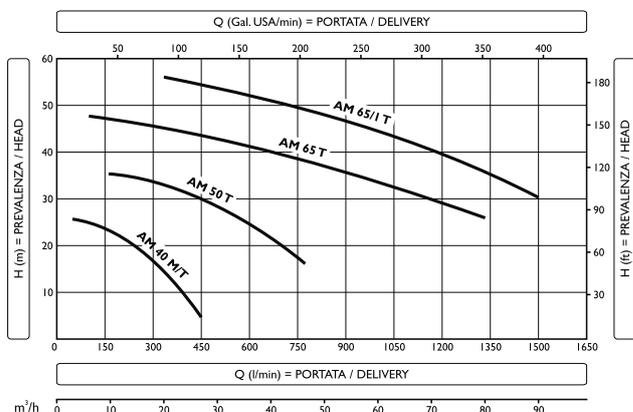
### CORRENTE ALTERNATA (c.a.) / ALTERNATING CURRENT (a.c.)

#### PRESTAZIONI / PERFORMANCES

#### AM 801B / AM 801A



#### AM 40 / AM 50 / AM 65 / AM65/1



Modello Type	Voltaggio Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	H (m)										
		HP	kW				m³/h	15	18	21	24	30	36	45	54	60	66
AM 801B	400÷690T	7,5	5,5	10,9÷6,3	2800	H (m)	l/min	250	300	350	400	500	600	750	900	1000	1100
							27,3	27,3	27	26,8	25,7	24,4	22,1	19	16,7	13,7	
AM 801A	400÷690T	10	7,5	14,3÷8,3	2800	H (m)	33,6	33,2	32,9	32,5	31,6	30,5	28,1	25,3	23,2	20,4	

Modello Type	Voltaggio Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	H (m)								
		HP	kW				m³/h	5	10	15	20	25	30	35	40
AM 40	230M	4	3	17,4	2800	H (m)	l/min	85	165	250	335	415	500	585	665
							27	25,5	23	22	18	16	11,5	6	
	230÷400T	4	3	11,6÷6,7	2800	H (m)	27	25,5	23	22	18	16	11,5	6	

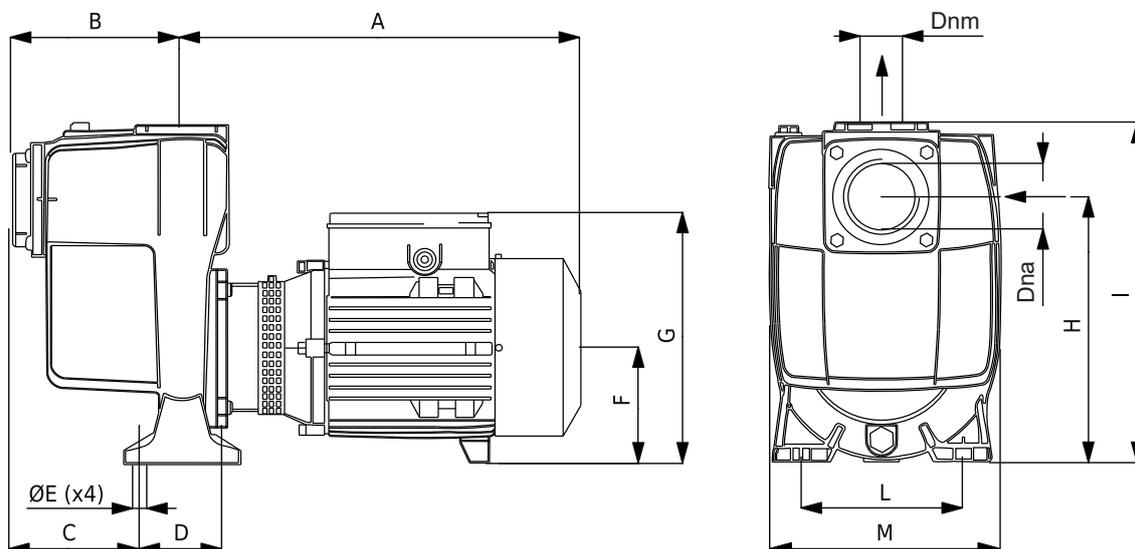
Modello Type	Voltaggio Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	H (m)								
		HP	kW				m³/h	15	20	25	30	35	40	45	50
AM 50	230÷400T	7,5	5,5	21,3÷12,3	2800	H (m)	l/min	250	335	415	500	585	665	750	830
							35	34	32,5	30	28	26	23,5	20	

Modello Type	Voltaggio Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	H (m)																	
		HP	kW				m³/h	0	3	9	18	21	27	30	36	45	54	63	72	78	81	90		
AM 65	400÷690T	15	11	21÷12,1	2800	H (m)	l/min	0	50	150	300	350	450	500	600	750	900	1050	1200	1300	1350	1500		
							49	47	46	45	43	42	41	40	38	35	32	30	25					
AM 65/1	400÷690T	25	18	35÷20,5	2800	H (m)	60	59	58	57	56	55	53	51	50	48	43	40	38	35	30			

**CORRENTE ALTERNATA (c.a.) / ALTERNATING CURRENT (a.c.)**

### DIMENSIONI E PESI / DIMENSIONS AND WEIGHTS

**AM 512B / AM 512A  
AM 615C / AM 615B / AM 615A  
AM 801B / AM 801A**



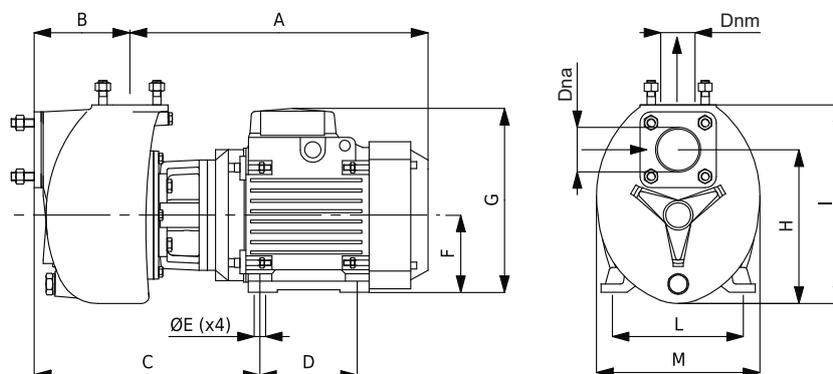
Modello Type	Corrente Current	Dna (Gas - BSP)	Dnm (Gas - BSP)	A	B	C	D	ØE	F	G	H	I	L	M	Peso Weight (kg)
<b>AM 512B</b>	c.a - a.c	2"	2"	343	147	112	70	16	100	223	231	295	140	190	33,6
<b>AM 512A</b>	c.a - a.c	2"	2"	343	147	112	70	16	100	223	231	295	140	190	34,5
<b>AM 615C</b>	c.a - a.c	2" 1/2	2" 1/2	411	172	124	95	16	112	583	293	368	190	240	50,5
<b>AM 615B</b>	c.a - a.c	2" 1/2	2" 1/2	423	172	124	95	16	112	595	293	368	190	240	58,5
<b>AM 615A</b>	c.a - a.c	2" 1/2	2" 1/2	423	172	124	95	16	112	595	293	368	190	240	60
<b>AM 801B</b>	c.a - a.c	3"	3"	457	202	147	110	22	140	317	342	432	220	280	90
<b>AM 801A</b>	c.a - a.c	3"	3"	457	202	147	110	22	140	317	342	432	220	280	90,5

Misure in millimetri (mm), dimensioni non impegnative / Measures in millimeter (mm), dimensions approximated

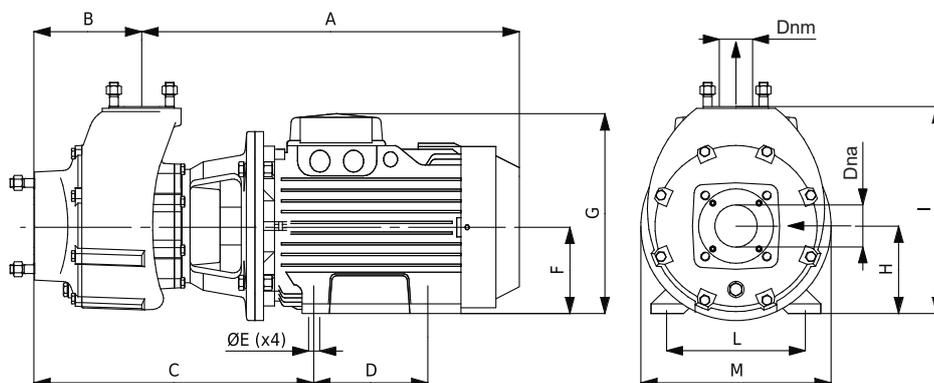
**CORRENTE ALTERNATA (c.a.) / ALTERNATING CURRENT (a.c.)**

### DIMENSIONI E PESI / DIMENSIONS AND WEIGHTS

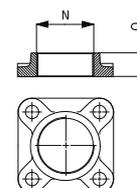
#### AM 40 / AM 50



#### AM 65 / AM65/1



**Controflange filettate  
Threaded counter flanges**



Modello Type	Corrente Current	Dna	Dnm	A	B	C	D	ØE	F	G	H	I	L	M	Peso Weight (kg)
<b>AM 40</b>	c.a - a.c	DN 50	DN 40	409	114	288	140	12	90	238	185	240	160	206	40
<b>AM 50</b>	c.a - a.c	DN 65	DN 50	429	138	325	140	12	112	267	223	288	190	236	54
<b>AM 65</b>	c.a - a.c	DN 80	DN 65	694	198	515	254	15	160	370	160	382	254	350	170
<b>AM 65/1</b>	c.a - a.c	DN 80	DN 65	694	198	515	254	15	160	370	160	382	254	350	198

Misure in millimetri (mm), dimensioni non impegnative / Measures in millimeter (mm), dimensions approximated

### CONTROFLANGE FILETTATE / THREADED COUNTER FLANGES

Modello Type	N* Aspirazione / Inlet (Gas - BSP)	N* Mandata / Outlet (Gas - BSP)	O Asp. / Inlet - Mand. / Outlet
<b>AM 40</b>	2"	1"1/2	26 - 26
<b>AM 50</b>	2" 1/2	2"	30 - 26
<b>AM 65</b>	3"	2"1/2	40 - 36
<b>AM 65/1</b>	3"	2"1/2	40 - 36

\* Filetto / Thread: BSP / Gas

