

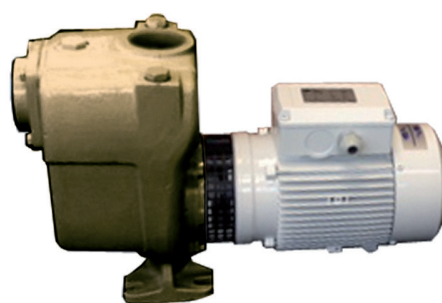
AM

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	1500	46
AM 65/1	Bronzo Bronze	400÷690T	25	18	35÷20,5	2800	1500	58

24V: CORRENTE CONTINUA / DIRECT CURRENT

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

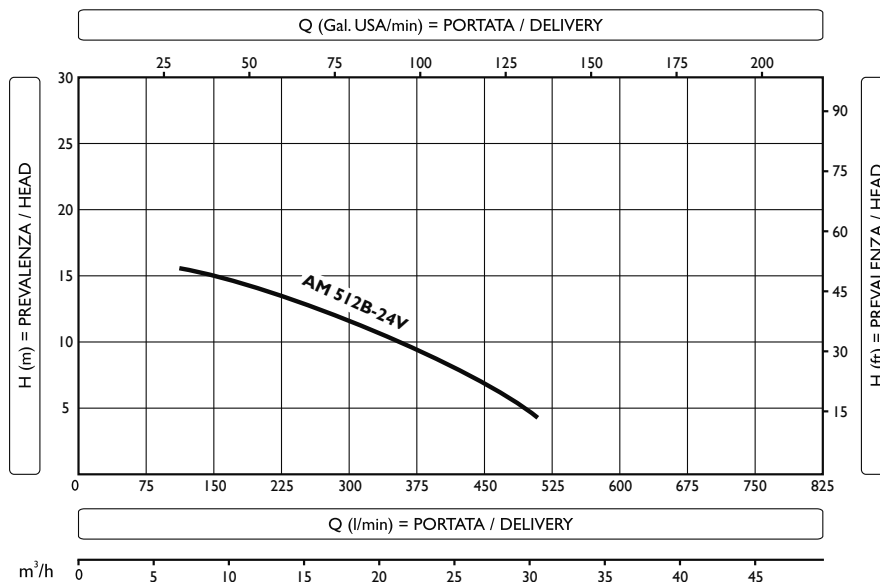
230÷400T / 400÷690T, 50Hz: corrente alternata trifase / three-phase alternating current

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

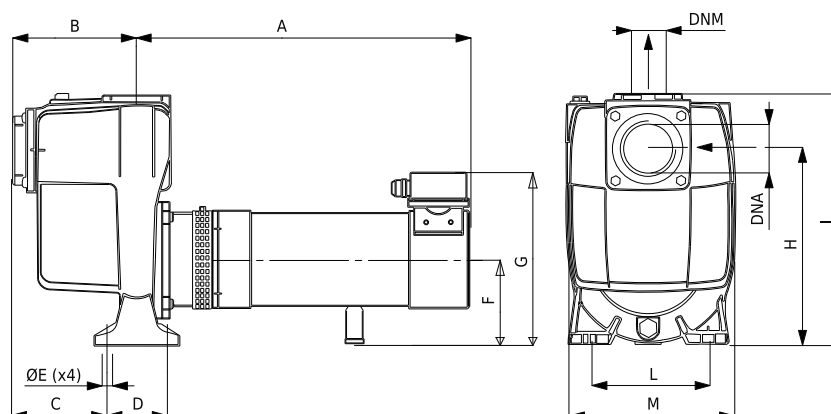
AM 512B



Modello Type	Voltaggio Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	m³/h	6	9	12	15	18	21	24	27	30
		HP	kW				l/min	100	150	200	250	300	350	400	450	500
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

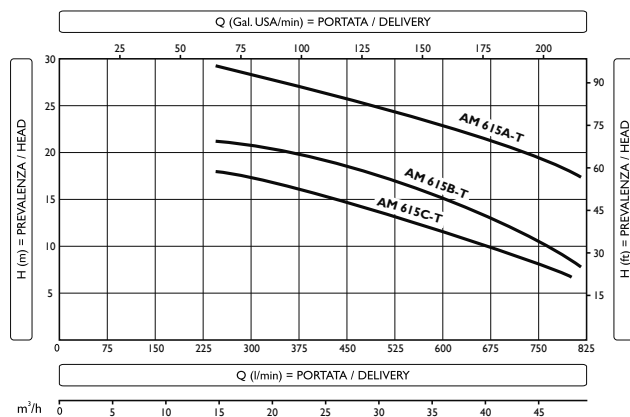
CORRENTE ALTERNATA (c.a.) / ALTERNATING CURRENT (a.c.)

PRESTAZIONI / PERFORMANCES

AM 512B / AM 512A



AM 615C / AM 615B / AM 615A



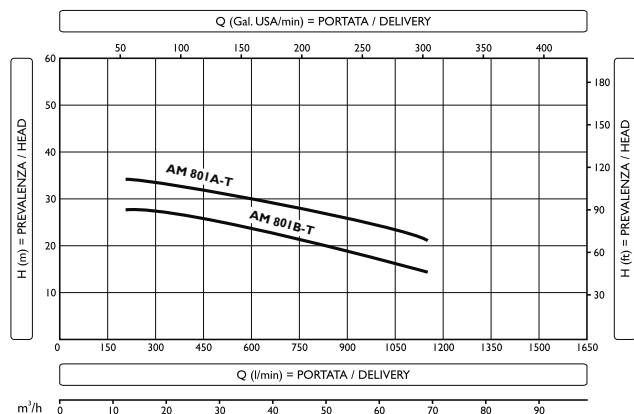
Modello Type	Voltaggio Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	m³/h l/min	6	9	12	15	18	21	24	27	30	33
		HP	kW					100	150	200	250	300	350	400	450	500	550
AM 512B	230M	1,5	1,1	7,4	2800	H (m)		15,5	14,9	14,2	12,9	11,6	10	8,3	6,2	4	
	230÷400T	1,5	1,1	4,7÷2,7	2800			15,5	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	Voltaggio Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	m³/h l/min	15	18	24	30	33	36	42	48	54	57
		HP	kW					250	300	400	500	550	600	700	800	900	950
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

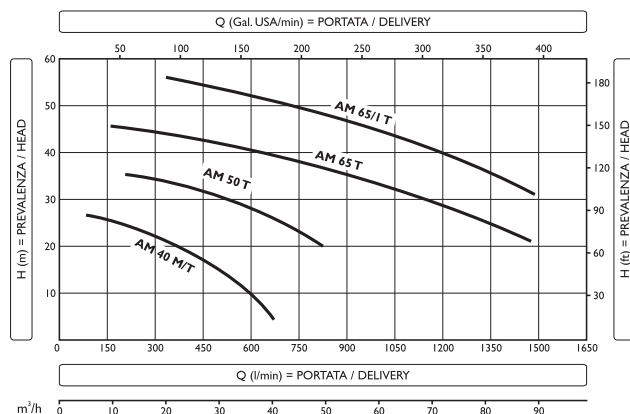
CORRENTE ALTERNATA (c.a.) / ALTERNATING CURRENT (a.c.)

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	m³/h	15	18	21	24	30	36	45	54	60	66
		HP	kW				l/min	250	300	350	400	500	600	750	900	1000	1100
AM 801B	400÷690T	7,5	5,5	10,9÷6,3	2800	H (m)	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		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	m³/h								l/min							
		HP	kW				5	10	15	20	25	30	35	40	85	165	250	335	415	500	585	665
AM 40	230M	4	3	17,4	2800	H (m)	27	25,5	23	22	18	16	11,5	6	27	25,5	23	22	18	16	11,5	6
	230÷400T	4	3	11,6÷6,7	2800																	

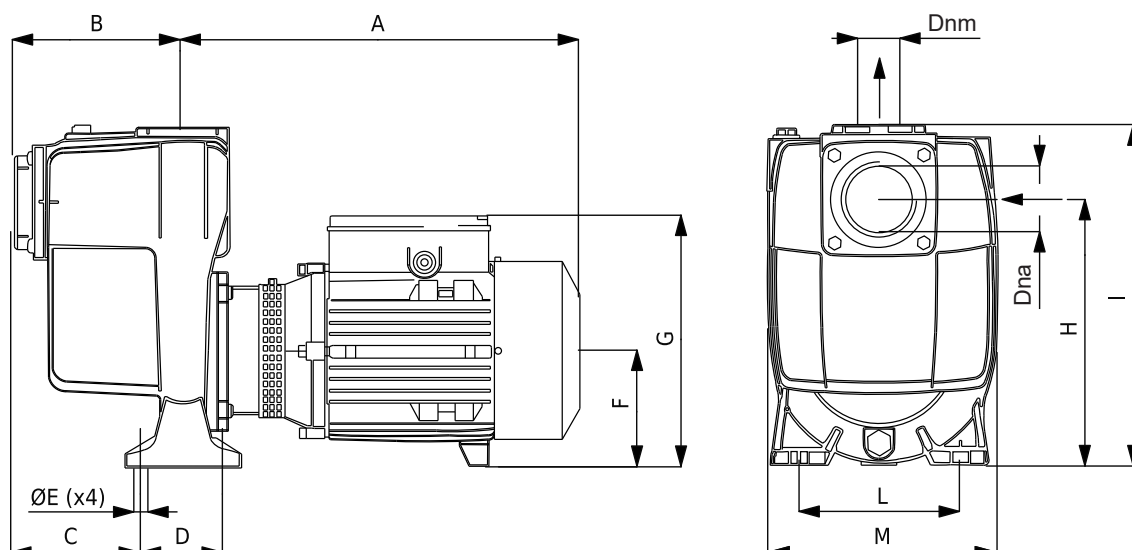
Modello Type	Voltaggio Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	m³/h								l/min							
		HP	kW				15	20	25	30	35	40	45	50	250	335	415	500	585	665	750	830
AM 50	230÷400T	7,5	5,5	21,3÷12,3	2800	H (m)	35	34	32,5	30	28	26	23,5	20								

Modello Type	Voltaggio Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	m³/h	9	18	21	27	30	36	45	54	63	72	78	81	90
		HP	kW				l/min	150	300	350	450	500	600	750	900	1050	1200	1300	1350	1500
AM 65	400÷690T	15	11	21÷12,1	2800	H (m)		46	45	43	42	41	40	38	35	32	29	27	24	21
AM 65/1	400÷690T	25	18	35÷20,5	2800				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



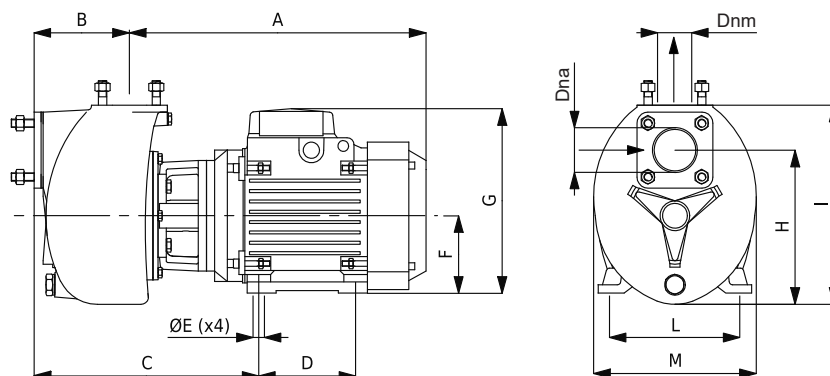
Modello Type	Corrente Current	Dna (Gas - BSP)	Dnm (Gas - BSP)	A	B	C	D	ØE	F	G	H	I	L	M	Peso Weight (kg)
AM 512B	c.a - a.c	2"	2"	343	147	112	70	16	100	223	231	295	140	190	33,6
AM 512A	c.a - a.c	2"	2"	343	147	112	70	16	100	223	231	295	140	190	34,5
AM 615C	c.a - a.c	2" 1/2	2" 1/2	411	172	124	95	16	112	583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

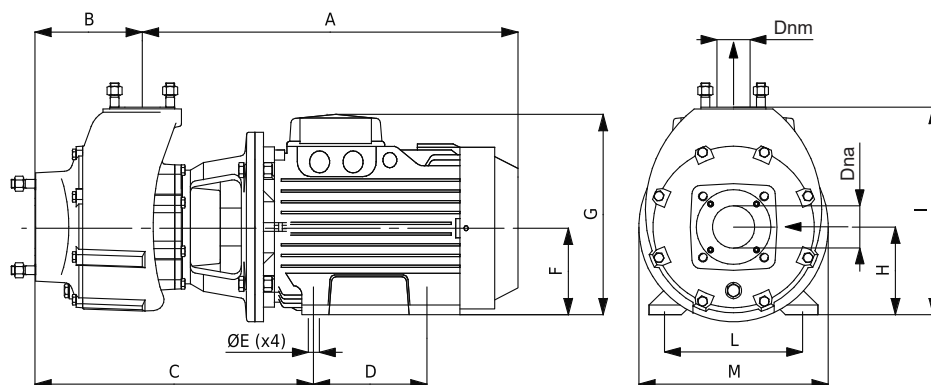
CORRENTE ALTERNATA (c.a.) / ALTERNATING CURRENT (a.c.)

DIMENSIONI E PESI / DIMENSIONS AND WEIGHTS

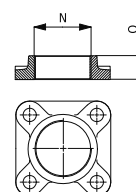
AM 40 / AM 50



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)
AM 40	c.a - a.c	DN 50	DN 40	409	114	288	140	12	90	238	185	240	160	206	40
AM 50	c.a - a.c	DN 65	DN 50	429	138	325	140	12	112	267	223	288	190	236	54
AM 65	c.a - a.c	DN 80	DN 65	694	198	515	254	15	160	370	160	382	254	350	170
AM 65/1	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
AM 40	2"	1"1/2	26 - 26
AM 50	2" 1/2	2"	30 - 26
AM 65	3"	2"1/2	40 - 36
AM 65/1	3"	2"1/2	40 - 36

* Filetto / Thread: BSP / Gas

