

J-mini • J-INOX • MG-INOX • JBR

Elettropompe autoadescanti / Self-priming electric pumps



J-mini 12/24V

Corrente continua / Direct current



J-INOX

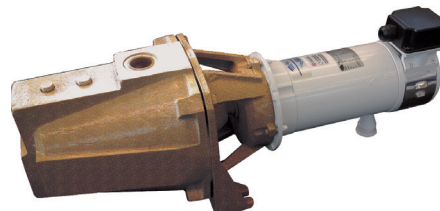


MG-INOX

(N° 04 giranti / impellers)



JBR



JBR 3 24V

Corrente continua / Direct current

DESCRIZIONE E APPLICAZIONI

Elettropompe centrifughe **autoadescanti** tipo Jet a girante chiusa, dalla elevata capacità di aspirazione, comunemente utilizzate per la distribuzione di acqua in pressione nei servizi di bordo (docce, cucine, lavandini, wc, ecc.), per gruppi di condizionamento, antincendio, lavaggio ponti e catene.

Tale esercizio diviene automatico con l'ausilio di piccoli o medi serbatoi autoclave. Le elettropompe serie **J-mini**, **J-INOX** e **MG-INOX** sono indicate per l'utilizzo con acqua dolce, le elettropompe serie **JBR** sono idonee all'utilizzo con acqua dolce e acqua di mare.

DESCRIPTION AND USE

Self-priming centrifugal electric pumps Jet type with closed impeller, featuring a high suction capacity, widely used to deliver pressurized water to on-board appliances (such as showers, kitchens, washbasins, toilets, etc.), for air-conditioning units, fire-fighting, washing of decks and chains. Automatic operation is achieved by equipping the pumps with small or medium-sized surge tanks.

The pumps series **J-mini**, **J-INOX** e **MG-INOX** are suitable for fresh water, the pumps series **JBR** are suitable for both fresh and sea water.

CARATTERISTICHE COSTRUTTIVE

- **Serie J-mini / J-INOX / MG-INOX**
Corpo pompa: ACCIAIO INOX AISI 304.
Albero : ACCIAIO INOX AISI 316 (c.c.) - AISI 420 (c.a.).
Diffusore e tubo Venturi: NORYL (Tecnopolimero).
Girante/i: NORYL (Tecnopolimero).
Tenuta meccanica: CERAMICA - GRAFITE-NBR (speciale anti-corrosione).
- **Serie JBR**
Corpo pompa: BRONZO
Supporto motore: BRONZO
Albero : ACCIAIO INOX AISI 316
Diffusore e tubo Venturi: POLICARBONATO.
Girante: LEGA SPECIALE DI OTTONE
Tenuta meccanica: CERAMICA - GRAFITE-NBR (speciale anti-corrosione)

CONSTRUCTION FEATURES

- **J-mini / J-INOX / MG-INOX Series**
Pump body: AISI 304 STAINLESS STEEL
Shaft : AISI 316 (d.c.) - AISI 420 (a.c.) STAINLESS STEEL
Diffuser and Venturi tube: NORYL (Technopolymer)
Impeller/s: NORYL (Technopolymer).
Mechanical seal: CERAMIC – GRAPHITE - NBR (special corrosion-proof).
- **JBR series**
Pump body: BRONZE
Motor support: BRONZE
Shaft : AISI 316 STAINLESS STEEL
Diffuser and Venturi Tube: POLYCARBONATE
Impeller: SPECIAL BRASS ALLOY
Mechanical seal: CERAMIC – GRAPHITE - NBR (special corrosion-proof).

MOTORE

- **Corrente Continua:**
Motore elettrico 12/24V a magneti permanenti, protezione IP23+44, Classe di Isolamento F, Servizio continuo (S1).
- **Corrente Alternata:**
Motore elettrico asincrono 230V monofase (M) / 230+400V trifase (T), 50Hz, protezione IP44/55, Classe di Isolamento F, Servizio continuo (S1).

MOTOR

- **Direct Current:**
Permanent magnet electric motor 12/24V, Protection IP23+44, Insulation Class F, Continuous Duty (S1).
- **Alternating Current:**
Induction electric motor, 230V single-phase (M) / 230+400V three-phase (T), 50Hz, Protection IP44/55, Insulation Class F, Continuous Duty (S1).

LIMITI DI IMPIEGO

- Liquido esente da impurità solide
- Temperatura del liquido: da +0 a +50 ° (70°C per la serie JBR).
- Profondità max. di aspirazione: 9 m.
- Pressione statica nel corpo pompa: 6 bar max.

SCOPE

- Liquid free of solid impurities
- Temperature range of the liquid: from +0 to +50 °C (70°C for JBR series)
- Max. suction depth: 9 m.
- Static pressure inside the pump body: 6 bar max.

ACCESSORI A RICHIESTA

- Valvola di non ritorno da 1" o da 1 1/2"
- Base omega in acciaio inox con antivibranti

ACCESSORIES ON REQUEST

- Non-return valve 1" or 1 1/2"
- Omega base made in stainless steel with anti-vibration mounts

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Elettropompe autoadescanti / Self-priming electric pumps

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				
J-mini	Acciaio inox Stainless steel	12	0,5	0,4	42	2600	50	32
		24	0,5	0,4	18	2600	50	32
		230M	0,75	0,55	3,8	2800	55	39
		230+400T	0,75	0,55	3,6+1,9	2800	55	39
J-INOX	Acciaio inox Stainless steel	12	0,7	0,5	38	2600	50	35
		24	0,8	0,6	25	2800	55	42
		230M	0,8	0,6	4	2800	55	42
		230+400T	0,8	0,6	3,8+2	2800	55	42
MG-INOX	Acciaio inox Stainless steel	24	1	0,75	40	2800	90	50
		230M	1	0,75	5	2800	90	50
		230+400T	1	0,75	4,8+2,6	2800	90	50

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				
JBR	Bronzo Bronze	12	0,75	0,55	42	2600	50	38
		24	0,75	0,55	29	2800	55	49
		230M	0,75	0,55	4,5	2800	55	49
		230+400T	0,75	0,55	3+1,7	2800	55	49
JBR 2	Bronzo Bronze	24	1	0,75	35	2800	75	42
		230M	1	0,75	5,7	2800	75	42
		230+400T	1	0,75	3,7+2,2	2800	75	42
JBR 3	Bronzo Bronze	24V	1,5	1,1	60	2800	100	50
		230M	1,5	1,1	7,4	2800	100	50
		230+400T	1,5	1,1	5+2,9	2800	100	50
JBR 4	Bronzo Bronze	230M	2	1,5	9,2	2800	160	50
		230+400T	2	1,5	7,5+2,3	2800	160	52
JBR 5	Bronzo Bronze	230+400T	3	2,2	9,1+5,3	2800	160	60

12V-24V: CORRENTE CONTINUA / DIRECT CURRENT

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

230+400T, 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.

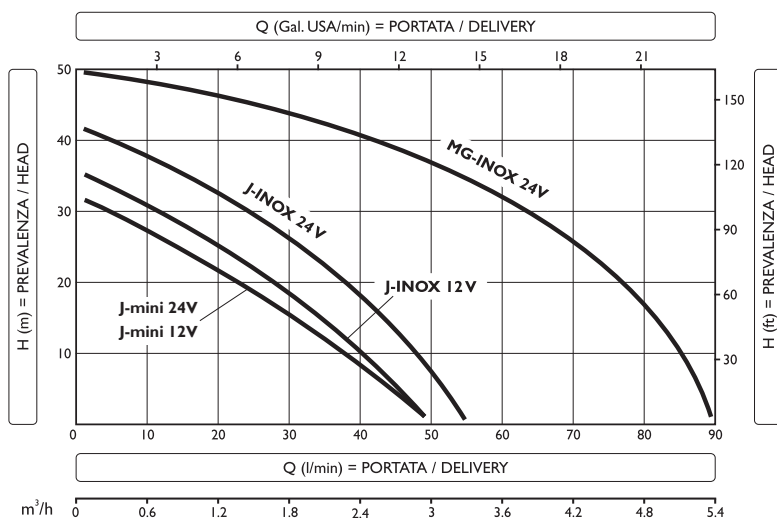
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CORRENTE CONTINUA (c.c.) / DIRECT CURRENT (d.c.)

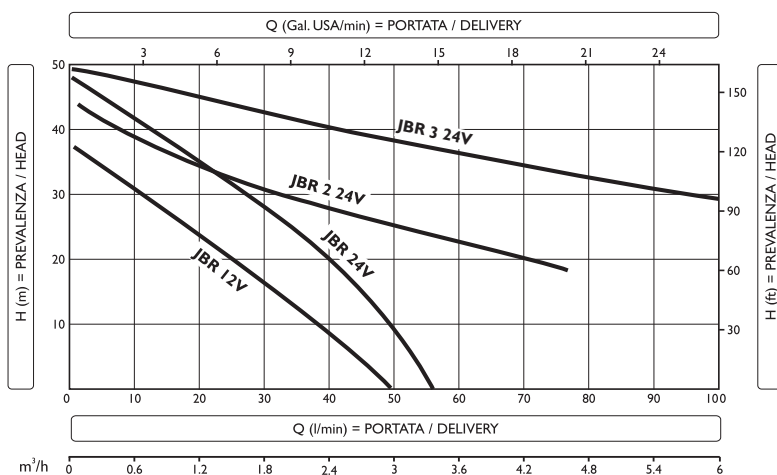
PRESTAZIONI / PERFORMANCES

J-mini / J-INOX / MG-INOX



Modello Type	Voltaggio Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	m³/h l/min	0	0,3	0,6	1,1	1,5	1,8	2,3	2,7	3	3,3	3,6	4,2	4,8	5,4
		HP	kW					0	5	10	18	25	30	38	45	50	55	60	70	80	90
J-mini	12V	0,5	0,4	42	2600	H (m)	32	28	26	22	18	16	10	7	0						
	24V	0,5	0,4	18	2600		32	28	26	22	18	16	10	7	0						
J-INOX	12V	0,7	0,5	38	2600		35	33	31	26	22	19	12	6	0						
	24V	0,8	0,6	25	2800		42	40	38	33	30	26	20	13	8	0					
MG-INOX	24V	1	0,75	40	2800		50	49	48	46	45	44	41	39	38	34	31	26	16	0	

JBR / JBR 2 / JBR 3



Modello Type	Voltaggio Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	m³/h l/min	0	0,5	1	1,5	2	2,5	2,6	3	3,3	4	4,5	5	5,5	6
		HP	kW					0	8	17	25	33	42	44	50	55	67	75	83	92	100
JBR	12V	0,75	0,55	42	2600	H (m)	38	32	26	21	15	7	5	0							
	24V	0,75	0,55	29	2800		49	42	36	32	26	20	18	10	0						
JBR 2	24V	1	0,75	35	2400		42	38	35	33	31	29	28	26	24	21					
JBR 3	24V	1,5	1,1	60	2800		50	49	46	44	42	40	40	38	36	34	32	31	29	28	

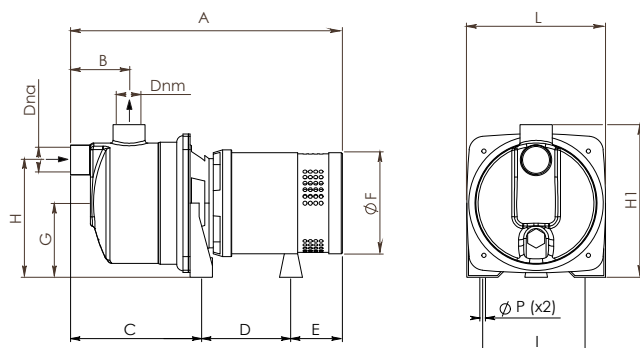
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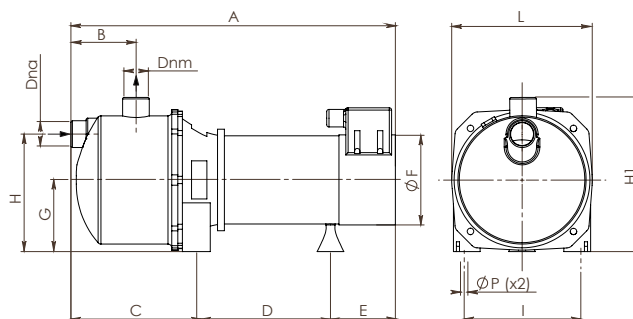
CORRENTE CONTINUA (c.c.) / DIRECT CURRENT (d.c.)

DIMENSIONI E PESI / DIMENSIONS AND WEIGHTS

J-mini



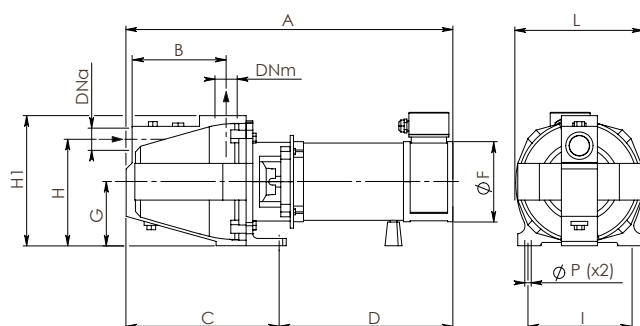
J-INOX / MG-INOX



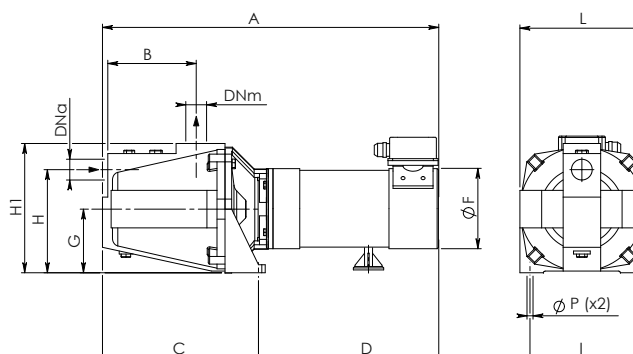
Modello Type	Corrente Current	Dna (Gas - BSP)	Dnm (Gas - BSP)	A	B	C	D	E	ØF	G	H	H1	I	L	ØP	Peso Weight (kg)
J-mini	c.c - d.c.	1"	1"	304,5	65,5	172	75	57,5	112	90	131,5	171	125	156	9	5,6
J-INOX	c.c - d.c.	1"	1"	425	85	173	167	85	118	90	150	202	140	184	9	11,5
MG-INOX	c.c - d.c.	1"	1"	507	128	205	162	140	156	95	150	230	140	200	10	15

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

JBR / JBR 2



JBR 3



Modello Type	Corrente Current	Dna (Gas - BSP)	Dnm (Gas - BSP)	A	B	C	D	ØF	G	H	H1	I	L	ØP	Peso Weight (kg)
JBR	c.c - d.c.	1"	1"	490	129	225	265	120	93	150	200	155	185	9,5	25
JBR 2	c.c - d.c.	1"	1"	490	129	225	265	120	93	150	200	155	185	9,5	25,7
JBR 3	c.c - d.c.	1 1/2"	1"	630	165	290	340	116	110	165	222	175	215	13	30

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

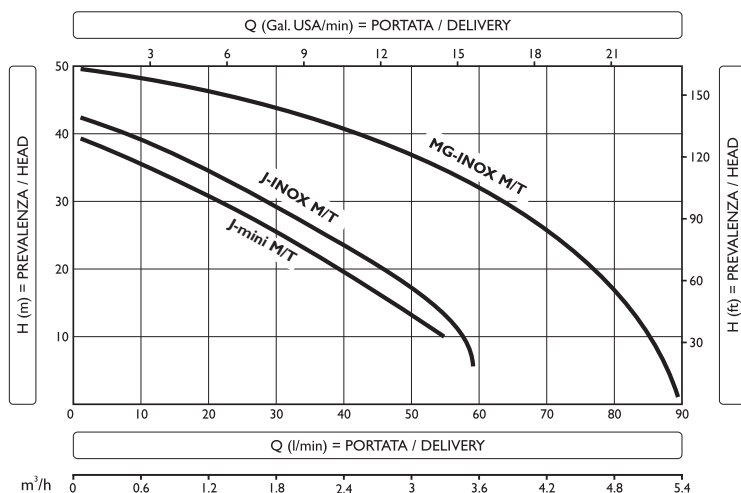
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CORRENTE ALTERNATA (c.a.) / ALTERNATING CURRENT (a.c.)

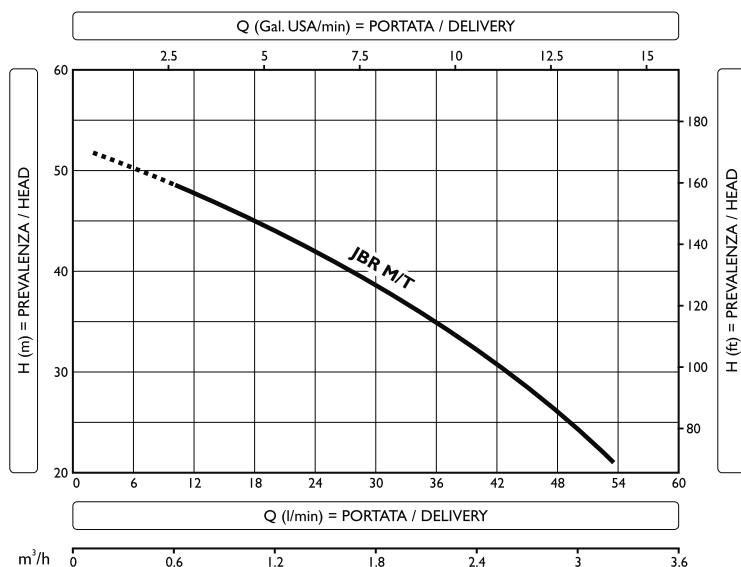
PRESTAZIONI / PERFORMANCES

J-mini / J-INOX / MG-INOX



Modello Type	Vattaggio Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	m³/h l/min	0	0,6	1,2	1,5	1,8	2,4	2,9	3,3	3,5	3,9	4,5	5,1	5,4
		HP	kW					0	10	20	25	30	40	48	55	58	65	75	85	90
J-mini	230M	0,75	0,55	3,8	2800	H (m)	39	38	34	32	29	24	21	10						
	230÷400T	0,75	0,55	3,6÷1,9	2800		39	38	34	32	29	24	21	10						
J-INOX	230M	0,8	0,6	4	2800		42	39	35	32	29	23	19	13						
	230÷400T	0,8	0,6	3,8÷2	2800		42	39	35	32	29	23	19	13						
MG-INOX	230M	1	0,75	5	2800		50	48	47	45	44	40	43	39	32	28	21	12	0	
	230÷400T	1	0,75	4,8÷2,6	2800		50	48	47	45	44	40	43	39	32	28	21	12	0	

JBR



Modello Type	Vtaggio Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	m³/h	0,2	0,5	1	1,5	2	2,5	3	3,2
		HP	kW				l/min	4	8	17	25	33	42	50	54
JBR	230M	0,75	0,55	4,5	2800	H (m)		49	45,5	40	36	32	28	24	21
	230+400T	0,75	0,55	3+1,7	2800			49	45,5	40	36	32	28	24	21

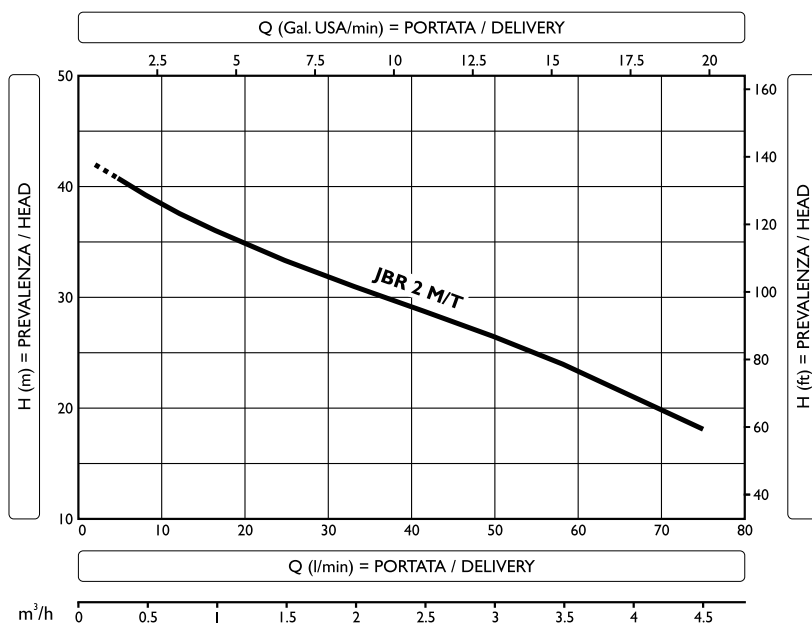
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Elettropompe autoadescanti / Self-priming electric pumps

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

PRESTAZIONI / PERFORMANCES

JBR 2



JBR 3



Modello Type	Vtaggio Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	Q																			
		HP	kW				m³/h	l/min	0,2	0,5	1	1,5	2	2,5	3	3,5	4	4,5	5	5,5	6	6,5	7	8	9	9,5
JBR 2	230M	1	0,75	5,7	2800	H (m)	41	39	36	33	31	29	26	24	21											
	230÷400T	1	0,75	3,7÷2,2	2800		41	39	36	33	31	29	26	24	21											
JBR 3	230M	1,5	1,1	7,4	2800				49	46	44	42	40	38	36	34	32	30	29	28						
	230÷400T	1,5	1,1	4,7÷2,7	2800				49	46	44	42	40	38	36	34	32	30	29	28						

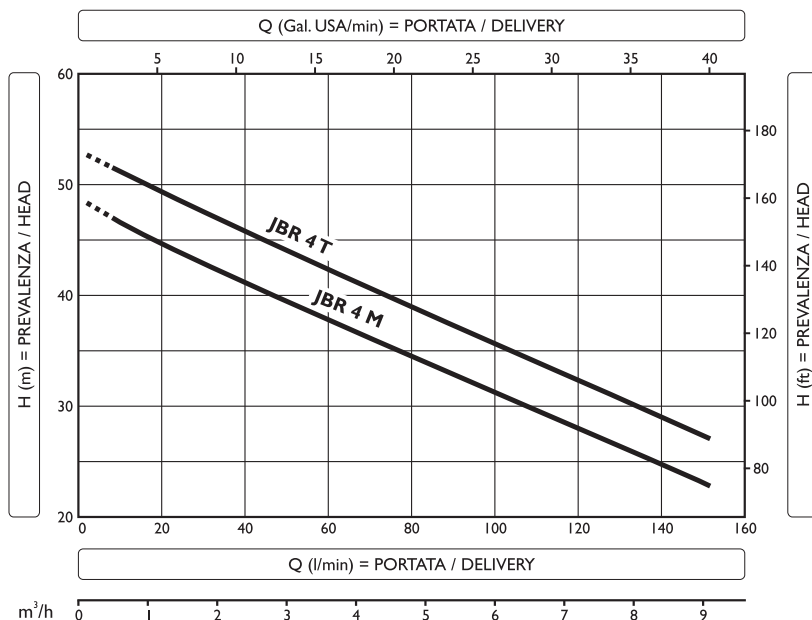
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Elettropompe autoadescanti / Self-priming electric pumps

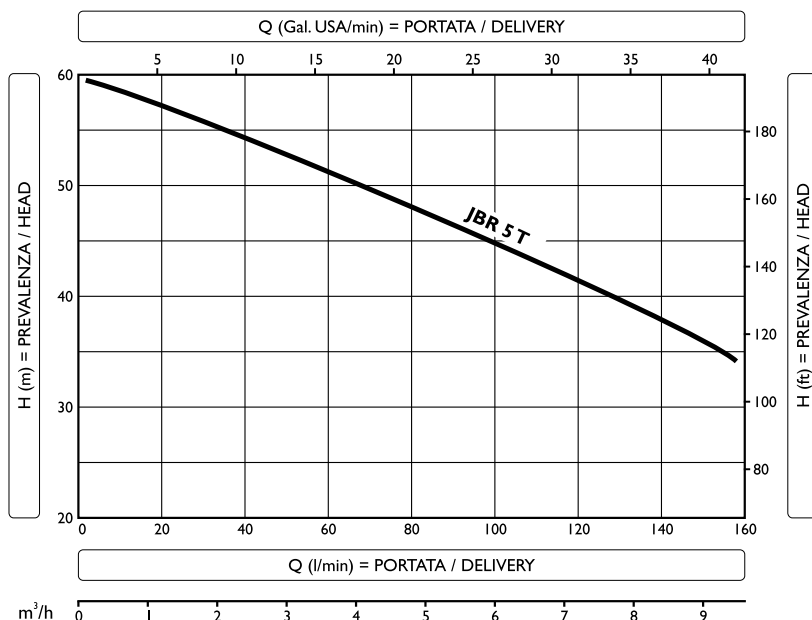
CORRENTE ALTERNATA (c.a.) / ALTERNATING CURRENT (a.c.)

PRESTAZIONI / PERFORMANCES

JBR 4



JBR 5



Modello Type	Voltaggio Voltage (V)	Potenza / Power		Assorbimento Absorption (A)	Giri/min. RPM	Q	m³/h l/min	0,5	1	1,5	2	2,5	3	3,5	4	4,5	5	5,5	6	6,5	7	8	9	9,5
		HP	kW					8	17	25	33	42	50	58	67	75	83	92	100	108	116	133	150	158
JBR 4	230M	2	1,5	9,2	2800	H (m)	47	45	44	42	41	40	38	37	36	35	33	32	31	30	27	24	23	
	230+400T	2	1,5	7,5+4,3	2800		52	50	49	47	46	45	43	42	40	39	38	37	35	34	31	29	27	
JBR 5	230+400T	3	2,2	9,2+5,3	2800		59	58	57	55	54	53	51	50	49	47	46	44	43	42	38	35	34	

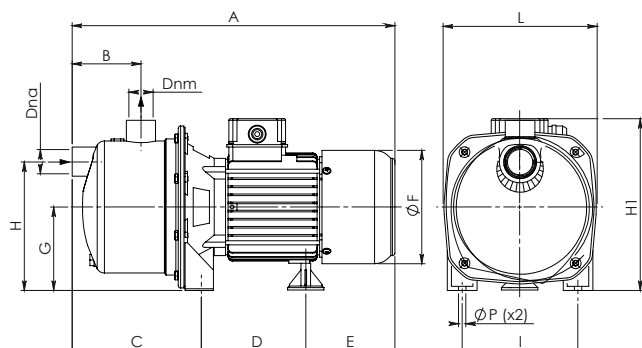
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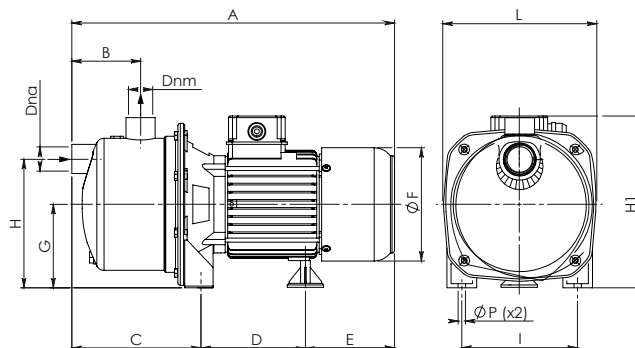
CORRENTE ALTERNATA (c.a.) / ALTERNATING CURRENT (a.c.)

DIMENSIONI E PESI / DIMENSIONS AND WEIGHTS

J-mini



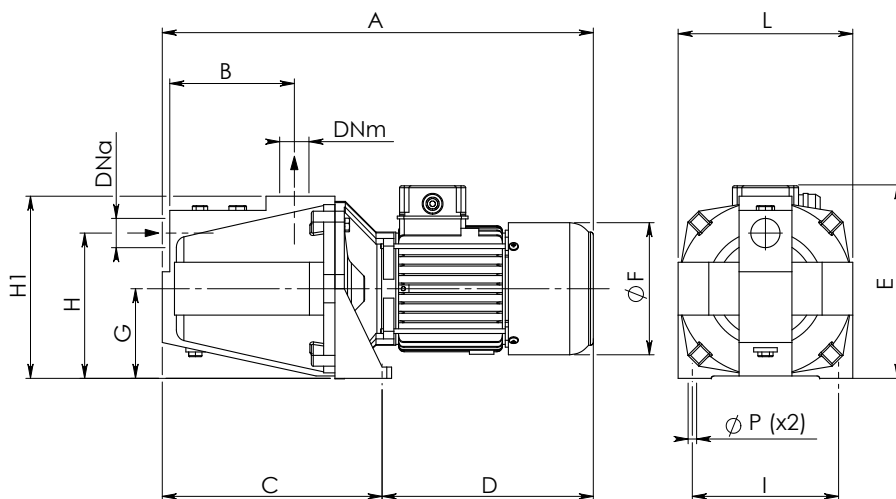
J-INOX / MG-INOX



Modello Type	Corrente Current	Dna (Gas - BSP)	Dnm (Gas - BSP)	A	B	C	D	E	ØF	G	H	H1	I	L	ØP	Peso Weight (kg)
J-mini	c.a - a.c	1"	1"	320	72	163	107	50	115	90	125	180	126	160	9	7
J-INOX	c.a - a.c	1"	1"	345	80	160	110	75	123	95	150	200	140	185	10	8,5
MG-INOX	c.a - a.c	1"	1"	420	128	205	125	90	139	95	150	215	140	200	10	11,5

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

JBR



Modello Type	Corrente Current	Dna (Gas - BSP)	Dnm (Gas - BSP)	A	B	C	D	E	ØF	G	H	H1	I	L	ØP	Peso Weight (kg)
JBR	c.a - a.c	1"	1"	430	130	233	197	205	139	95	150	195	155	185	9,5	21
JBR 2	c.a - a.c	1"	1"	430	130	233	197	205	139	95	150	195	155	185	9,5	21,7
JBR 3	c.a - a.c	1"1/2	1"	560	160	290	270	230	158	105	165	222	175	215	11,5	31,5
JBR 4	c.a - a.c	1"1/2	1"	560	160	290	270	230	158	105	165	222	175	215	11,5	33
JBR 5	c.a - a.c	1"1/2	1"	560	160	290	270	230	158	105	165	222	175	215	11,5	33,5

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