

# 5 BMA-S

ELETTROPOMPE AUTOADESCANTI A DOPPIA VOLUTA  
SELF-PRIMING CENTRIFUGAL PUMPS AT DOUBLE VOLUTE

**TENUTA MECCANICA  
DI ALTA QUALITÀ  
HIGH QUALITY  
MECHANICAL SEAL**

**GIRANTE BRONZO  
BRONZE IMPELLER  
Marine Bronze as Standard  
Custom construction see sec.18**

**CORPO POMPA BRONZO  
BRONZE BODY PUMP  
Marine Bronze as Standard  
Custom construction see sec.18**

**MOTORE ELETTRICO Efficienza IE3-IE4  
Caratteristiche elettriche**  
24Vdc  
110÷120Vac 1~ & 60Hz  
208÷250Vac 1~ & 3~ 50/60Hz  
360÷440Vac 3~ 50 & 60Hz  
IP22/55 – Ins.Class.B/F

**ELECTRIC MOTOR IE3-IE4 efficiency  
Electric motor features**  
24Vdc  
110÷120Vac 1~ & 60Hz  
208÷250Vac 1~ & 3~ 50/60Hz  
360÷440Vac 3~ 50 & 60Hz  
IP22/55 – Ins.Class.B/F

**DIFFUSORE BRONZO  
BRONZE DIFFUSER  
Marine Bronze as Standard  
Custom construction see sec.18**

Materiali e caratteristiche indicative da confermare in fase di ordine / Materials and characteristics indicative to be confirmed with the order.

**GIANNESCHI®**  
pumps and blowers



DESIGNED & MADE IN ITALY



Sentina  
Bilge



Incendio  
Fire-Fighting



Alimentazione  
impianti  
Water supply



Zavorra  
Ballast



Esaurimento  
casce  
Emptying



Acqua  
di mare  
Sea water



Circolazione  
acqua mare-dolce  
F.W.-S.W. circulation



BMA-S 32



BMA-S 55



BMA-S 65

## Descrizione

Le el/pompe monoblocco serie BMA-S sono autoadescenti centrifughe a doppia voluta caratterizzate da portate elevate. La buona capacità di autoadescentamento, assicurata dallo speciale design del corpo pompa con girante a mozzo allungato che copre l'asse del motore permette l'utilizzo di una tenuta meccanica sovradimensionata in modo da diminuire le possibilità di blocco e di contatto tra albero motore e acqua. L'alta qualità di componenti e materiali (Bronzo, Acciaio Inox.) Unitamente alle altre caratteristiche la rendono particolarmente adatta all'utilizzo su Yach-Megayacht, barche da lavoro e nell'industria nautica OEM.

## Description

BMA-S series, single stage enblock pumps, are self-priming double-volute centrifuges with high flow rates. The good self-priming capacity, ensured by the special design of the pump body with extended impeller hub that covers the motor shaft, allows the use of an oversized mechanical seal in order to decrease the possibility of blocking and contact between the motor shaft and water. The high quality of components and materials (marine grade bronze, s/steel.) Along with the other features make it particularly suitable for Yachts-Megayachts, workboats and in the OEM boating industry.

## Main features

- Self-priming centrifugal at double volute construction
- High flow with limited power consumption
- Fast self-priming
- Designed for IEC flanged motors





# BMA-S

SELF PRIMING PUMPS



**GIANNESCHI®**  
pumps and blowers

**50Hz**  
**2900 RPM**

## PRESTAZIONI / PERFORMANCE

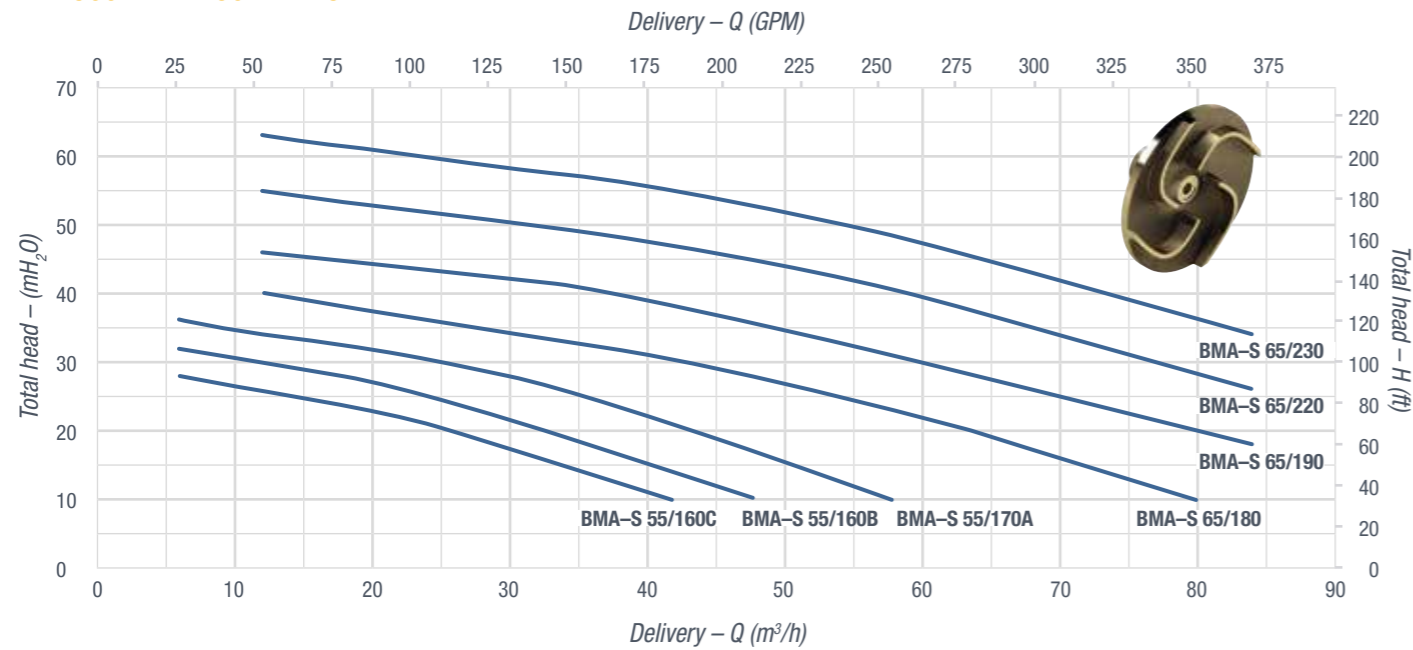
2900 RPM – 50Hz – AC

Versione / Version	Potenza kW / Power kW	PORTATA / DELIVERY (lt/min)																			
		100	200	400	600	700	800	950	1100	1350	1400										
		PORTATA / DELIVERY (m³/h)																			
		6,0	12,0	24,0	36,0	42,0	48,0	57,0	66,0	81,0	84,0										
		PREVALENZA TOTALE / TOTAL HEAD (mH <sub>2</sub> O)																			
		H	KW	H	KW	H	KW	H	KW	H	KW	H	KW	H	KW	H	KW	H	KW		
BMA-S 55/160C	4	28	2,3	25	2,5	21	2,7	14	2,8	10	3										
BMA-S 55/160B	4	32	2,6	30	2,8	25	3	18	3,6	14	3,8	10	4								
BMA-S 55/170A	5,5	36	4	34	4,3	30	4,5	25	4,8	21	5	17	5,3	10	5,5						
BMA-S 65/180	7,5 / 9,2			40	5,2	36	5,5	33	6	30	6,5	28	7	24	7,5	19	8,5	9	9		
BMA-S 65/190	9,2 / 11			46	6,3	43	6,8	40	7,3	38	8,4	36	8,7	31	9,2	27	10,2	20	10,5	18	11
BMA-S 65/220	11 / 15			55	7,9	52	8,4	49	9,3	47	10,0	45	10,8	41	11,0	36	12,5	28	14,0	26	15,0
BMA-S 65/230	18,5			63	12,0	59	13,5	56	14,0	55	14,5	53	15,0	49	16,0	44	17,5	35	18,0	34	18,4

Legenda: (kW) Potenza assorbita / Legend: (kW) Absorbed power

## CURVA CARATTERISTICA / PERFORMANCE CURVE

2900 RPM – 50Hz – AC

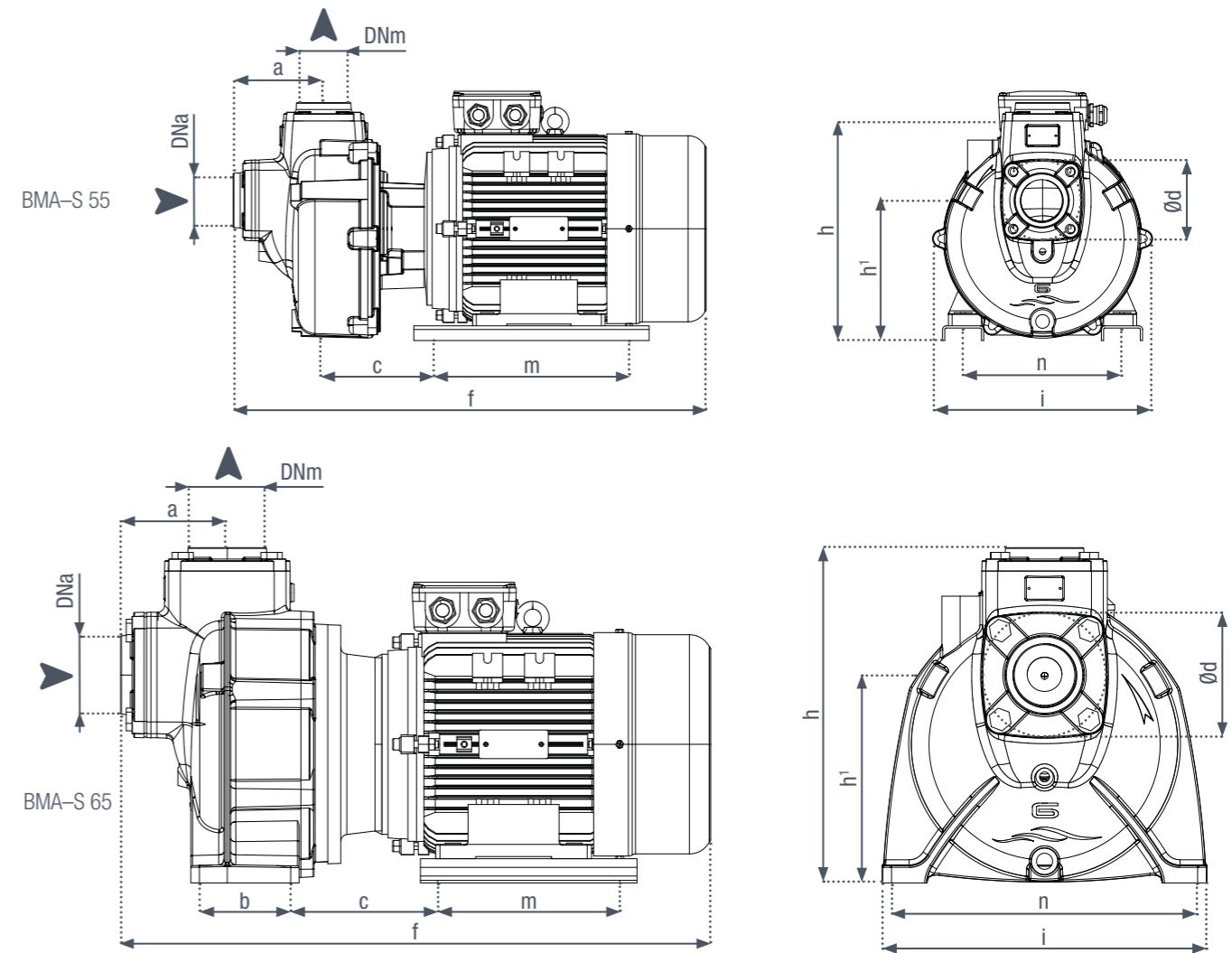


(kW) Potenza assorbita - Tolleranze secondo EN ISO 9906. Caratteristiche tecniche e limitazioni vedi appendice tecnica sezione 18  
(kW) Absorbed power - Tolerances in accordance with EN ISO 9906 / Technical features and limitations see technical appendix section 18

## DIMENSIONI / DIMENSION

Versione / Version	a	b	c	f	Ø d	h	h'	i	m	n	DNa	DNm	kg
BMA-S 55/160C	125	-	210	585	110	325	190	300	280	215	50	50	65
BMA-S 55/160B	125	-	225	645	110	390	190	300	280	215	50	50	75
BMA-S 55/170A	125	-	142	655	110	400	190	300	280	215	50	50	80
BMA-S 65/180	125	90	195	765	145	390	240	375	210	220	65	65	125
BMA-S 65/190	125	90	195	780	145	400	240	375	210	220	65	65	130
BMA-S 65/220	125	95	205	860	145	420	260	410	280	370	65	65	160
BMA-S 65/230	125	95	275	910	145	440	260	410	280	370	65	65	210

Le dimensioni sono indicative. Misure in mm. Caratteristiche tecniche e limitazioni vedi appendice tecnica sezione 8  
Dimensions are approximated. Dimensions in mm. Technical features and limitations see technical appendix section 8



Vedi sezione 17 "Accessori Compatibili" / See 17 "Compatible Accessories" section



# BMA-S

SELF PRIMING PUMPS



**GIANNESCHI®**  
pumps and blowers

**60Hz**  
**3450 RPM**

## PRESTAZIONI / PERFORMANCE

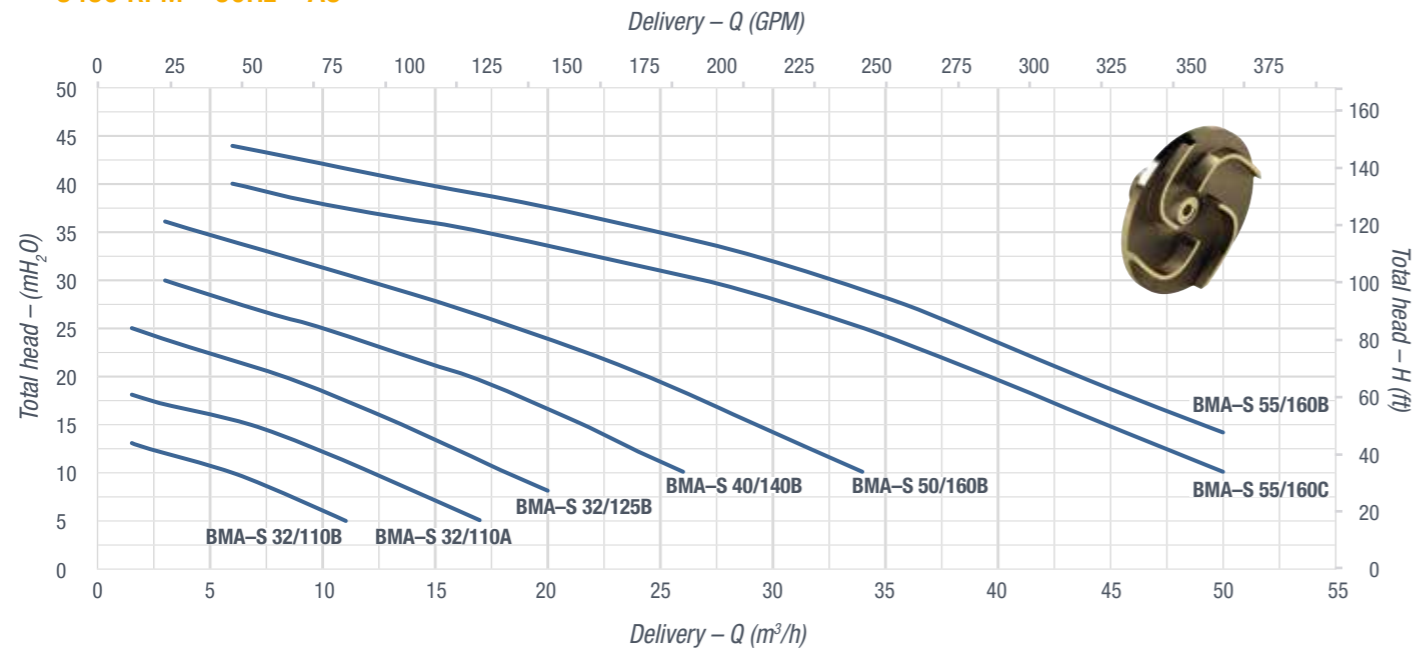
3450 RPM – 60Hz – AC

Versione / Version	Potenza kW / Power kW	PORTATA / DELIVERY (lt/min)																	
		25	50	100	200	300	350	450	550	830									
		PORTATA / DELIVERY (m³/h)																	
		1,5	3,0	6,0	12,0	18,0	21,0	27,0	33,0	50,0									
PREVALENZA TOTALE / TOTAL HEAD (mH <sub>2</sub> O)																			
		H	A	H	A	H	A	H	A	H	A	H	A	H	A	H	A		
BMA-S 32/110B	0,75	13	0,4	12	0,5	10	0,7												
BMA-S 32/110A	1,1	18	0,5	17	0,6	15	0,8	10	1,1										
BMA-S 32/125B	1,5	25	1,8	24	0,9	22	1,1	16	1,3	10	1,5								
BMA-S 40/140B	2,2			30	1,5	28	1,6	23	1,7	19	2	16	2,1	8	2,2				
BMA-S 50/160B	4			36	2,4	34	2,7	30	3	26	3,3	23	3,6	17	3,8	11	4		
BMA-S 55/160C	5,5					40	4	37	4,2	34	4,4	33	4,7	30	5	26	5,3	10	5,5
BMA-S 55/160B	5,5 / 7,5					44	4,3	41	4,4	38	4,8	37	5,1	34	5,5	30	6,3	14	7,5

Legenda / Legend: (A) Corrente Assorbita / (A) Absorbed current at rated voltage  
Nota: Modelli BMA-S 65 a richiesta / Note: BMA-S 65 version on request

## CURVA CARATTERISTICA / PERFORMANCE CURVE

3450 RPM – 60Hz – AC

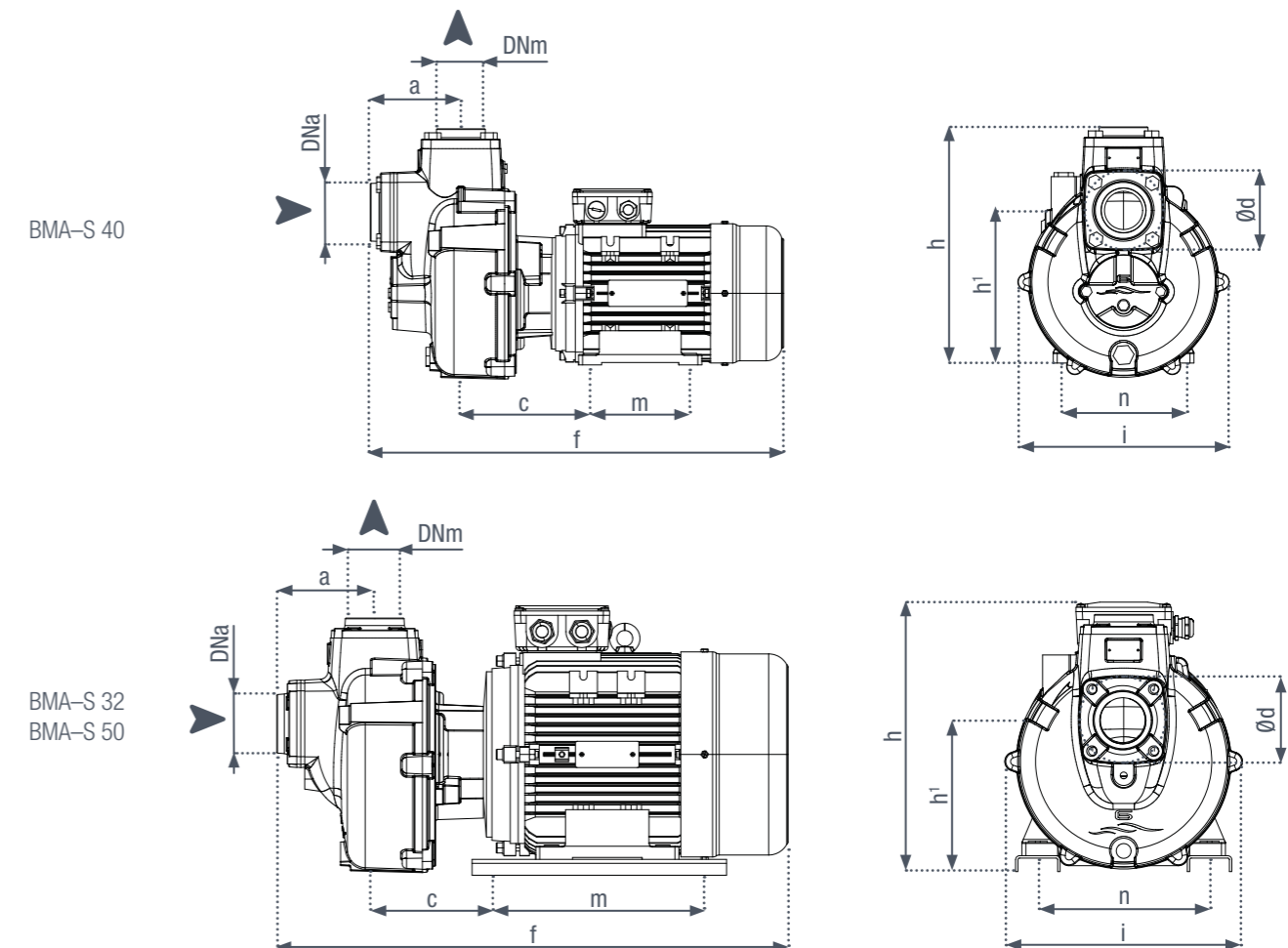


(A) Corrente assorbita - Tolleranze secondo EN ISO 9906. Caratteristiche tecniche e limitazioni vedi appendice tecnica sezione 18  
(A) Absorbed current at rated voltage - Tolerances in accordance with EN ISO 9906. Technical features and limitations see technical appendix section 18

## DIMENSIONI / DIMENSION

Versione / Version	a	c	f	Ø d	h	h'	i	m	n	DNa	DNm	kg
BMA-S 32/110B	75	140	400	75	220	125	215	100	125	32	32	20
BMA-S 32/110A	75	155	430	75	230	135	215	100	140	32	32	22
BMA-S 32/125B	75	155	430	75	230	135	215	100	140	32	32	23
BMA-S 40/140B	115	165	520	95	300	195	215	100	155	50	40	40
BMA-S 50/160B	90	170	540	95	285	165	230	140	190	50	50	45
BMA-S 55/160C	125	210	585	110	325	190	300	280	215	50	50	65
BMA-S 55/160B	125	210	585	110	325	190	300	280	215	50	50	65

Le dimensioni sono indicative. Misure in mm. Caratteristiche tecniche e limitazioni vedi appendice tecnica sezione 8  
Dimensions are approximated. Dimensions in mm. Technical features and limitations see technical appendix section 8



Vedi sezione 17 "Accessori Compatibili" / See 17 "Compatible Accessories" section



# BMA-S

SELF PRIMING PUMPS



GIANNESCHI®  
pumps and blowers

DC  
2900 RPM

## PRESTAZIONI / PERFORMANCE

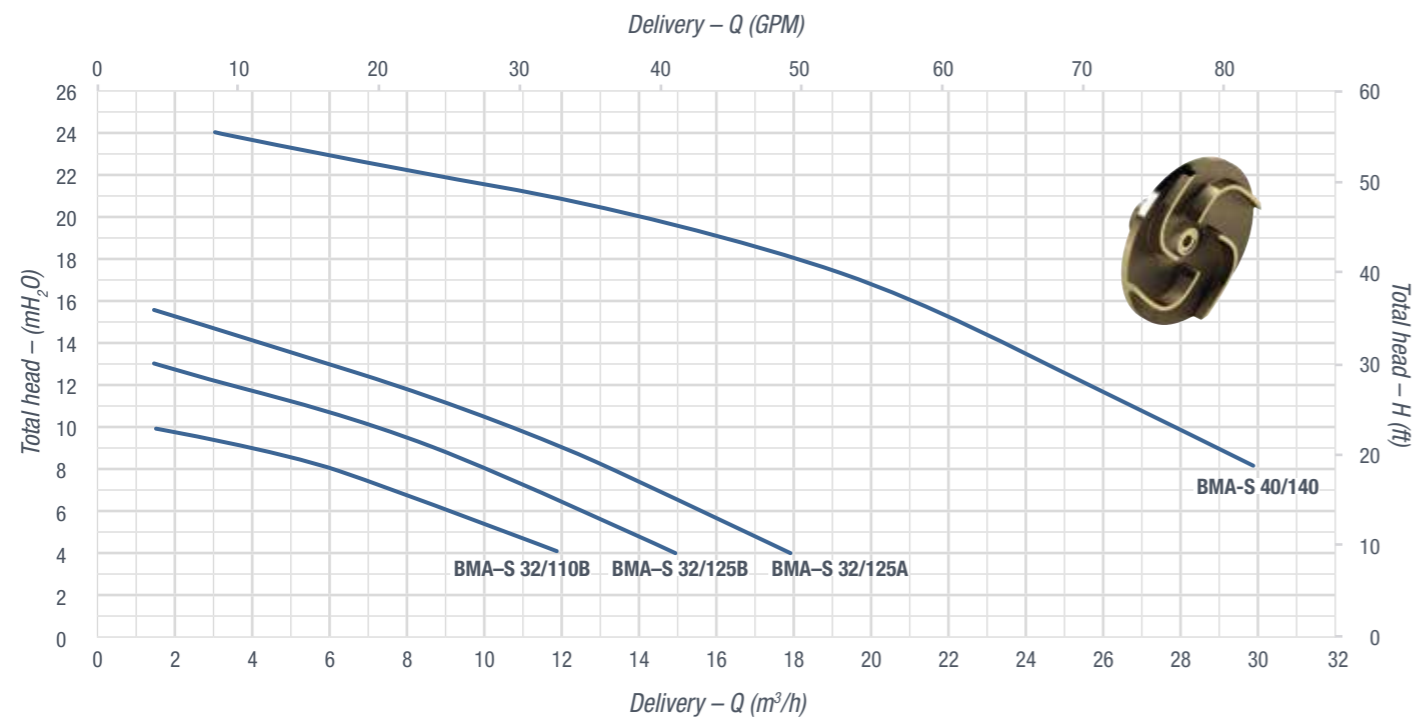
2900 RPM – 24V – DC

Versione / Version	Potenza kW / Power kW	PORTATA / DELIVERY (lt/min)																	
		25	50	100	150	200	250	300	400	500									
		PORTATA / DELIVERY (m³/h)																	
		1,5	3,0	6,0	9,0	12,0	15,0	18,0	24,0	30,0									
		PREVALENZA TOTALE / TOTAL HEAD (mH <sub>2</sub> O)																	
		H	A	H	A	H	A	H	A	H	A	H	A	H	A	H	A	H	A
BMA-S 32/110B	0,55	10	27	9,5	30	8	32	6	35	4	40								
BMA-S 32/125B	0,75	13	31	12,5	34	10,5	36	9	40	6,5	43	4	45						
BMA-S 32/125A	1,1	15,5	38	14,5	42	13	45	11	48	9	50	6,5	52	4	55				
BMA-S 40/140	1,5			24	55	23	56	22	58	21	67	19	69	18	74	14	82	8	88

Legenda / Legend: (A) Corrente Assorbita / (A) Absorbed current at rated voltage

## CURVA CARATTERISTICA / PERFORMANCE CURVE

2900 RPM – 24V – DC

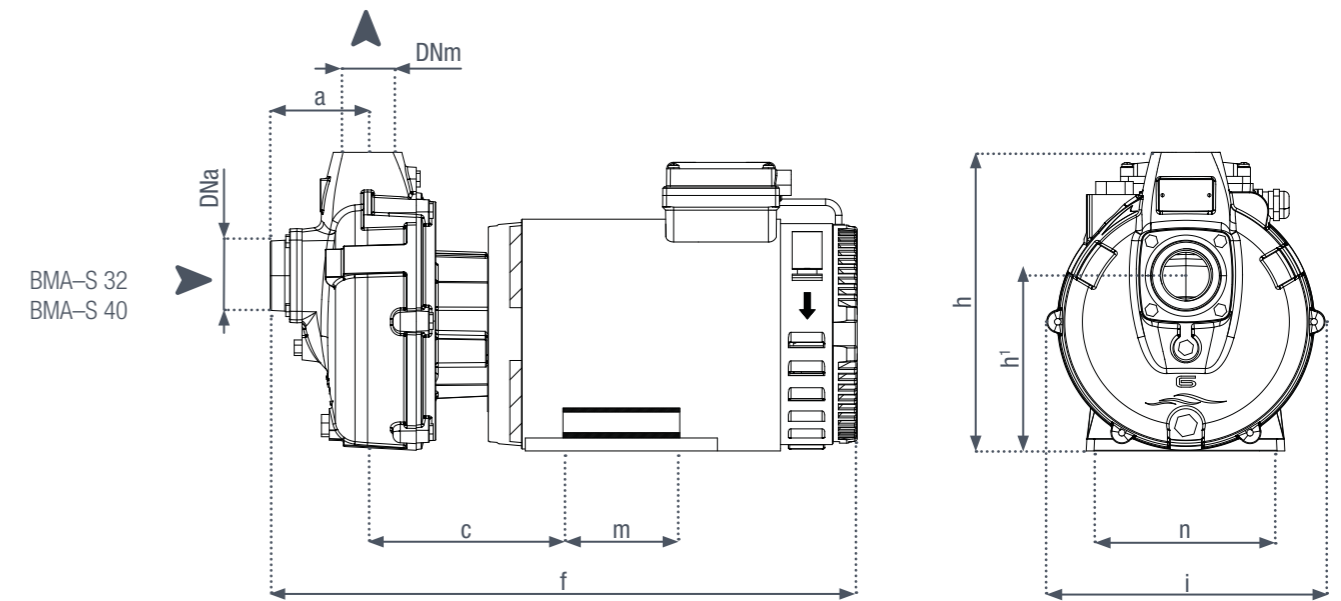


(A) Corrente assorbita - Tolleranze secondo EN ISO 9906. Caratteristiche tecniche e limitazioni vedi appendice tecnica sezione 18  
(A) Absorbed current at rated voltage - Tolerances in accordance with EN ISO 9906. Technical features and limitations see technical appendix section 18

## DIMENSIONI / DIMENSION

Versione / Version	a	c	f	h	h'	i	m	n	DNa	DNm	kg
BMA-S 32/110B	75	160	450	230	135	215	100	125	32	32	28
BMA-S 32/125B	75	160	450	230	135	215	100	125	32	32	30
BMA-S 32/125A	75	160	450	230	135	215	100	125	32	32	31
BMA-S 40/140	115	105	485	300	205	265	210	140	50	40	40

Le dimensioni sono indicative. Misure in mm. Caratteristiche tecniche e limitazioni vedi appendice tecnica sezione 8  
Dimensions are approximated. Dimensions in mm. Technical features and limitations see technical appendix section 8



Vedi sezione 17 "Accessori Compatibili" / See 17 "Compatible Accessories" section

