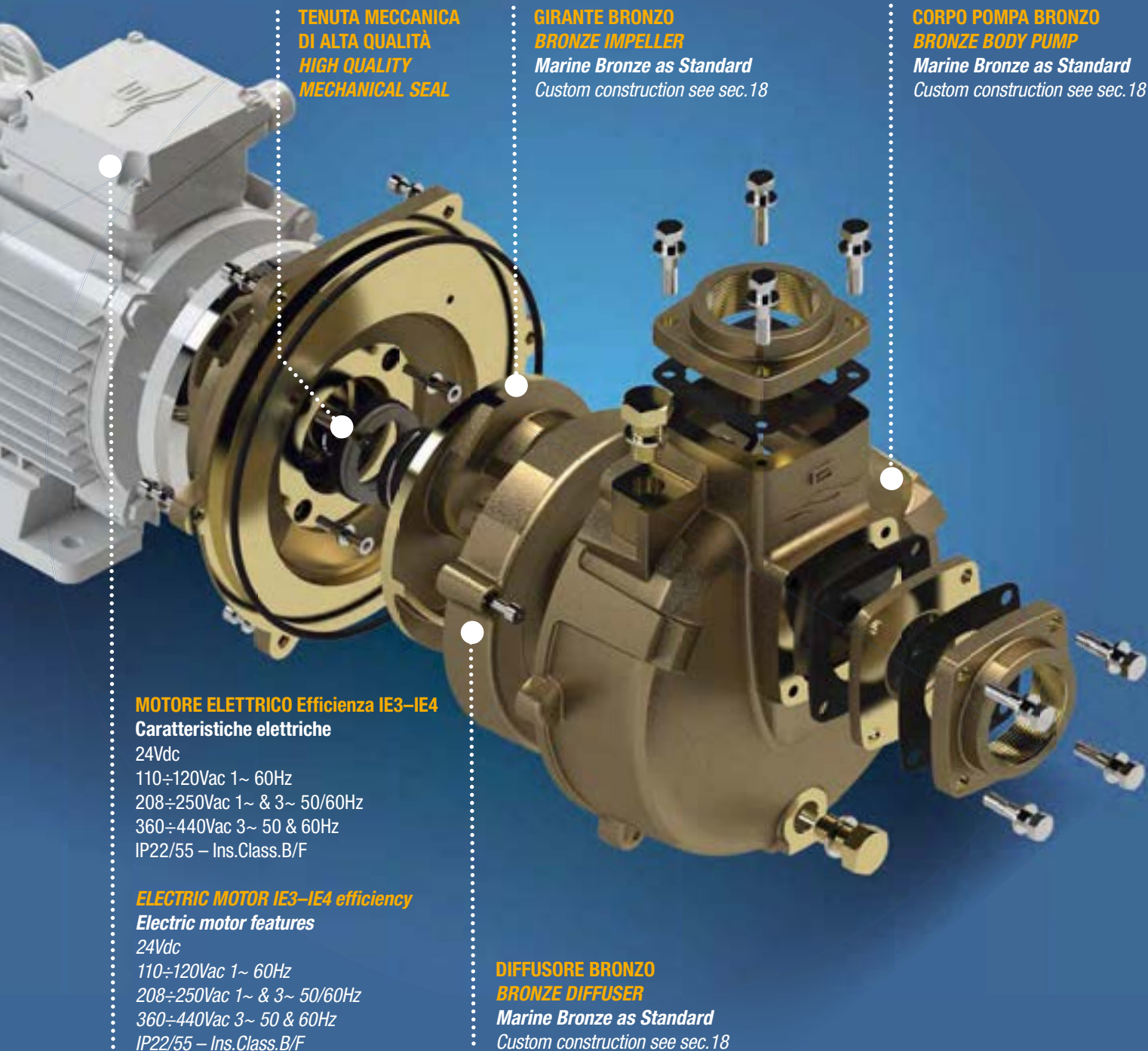


5 BMA-S

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



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



Sentina
Bilge



Incendio
Fire-Fighting



**Alimentazione
impianti**
Water supply



Zavorra
Ballast



**Esaurimento
casse**
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 pompe monoblocco serie BMA-S sono autoadescanti centrifughe a doppia voluta caratterizzate da portate elevate. La buona capacità di autoadescamento, 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



PRESTAZIONI / PERFORMANCES

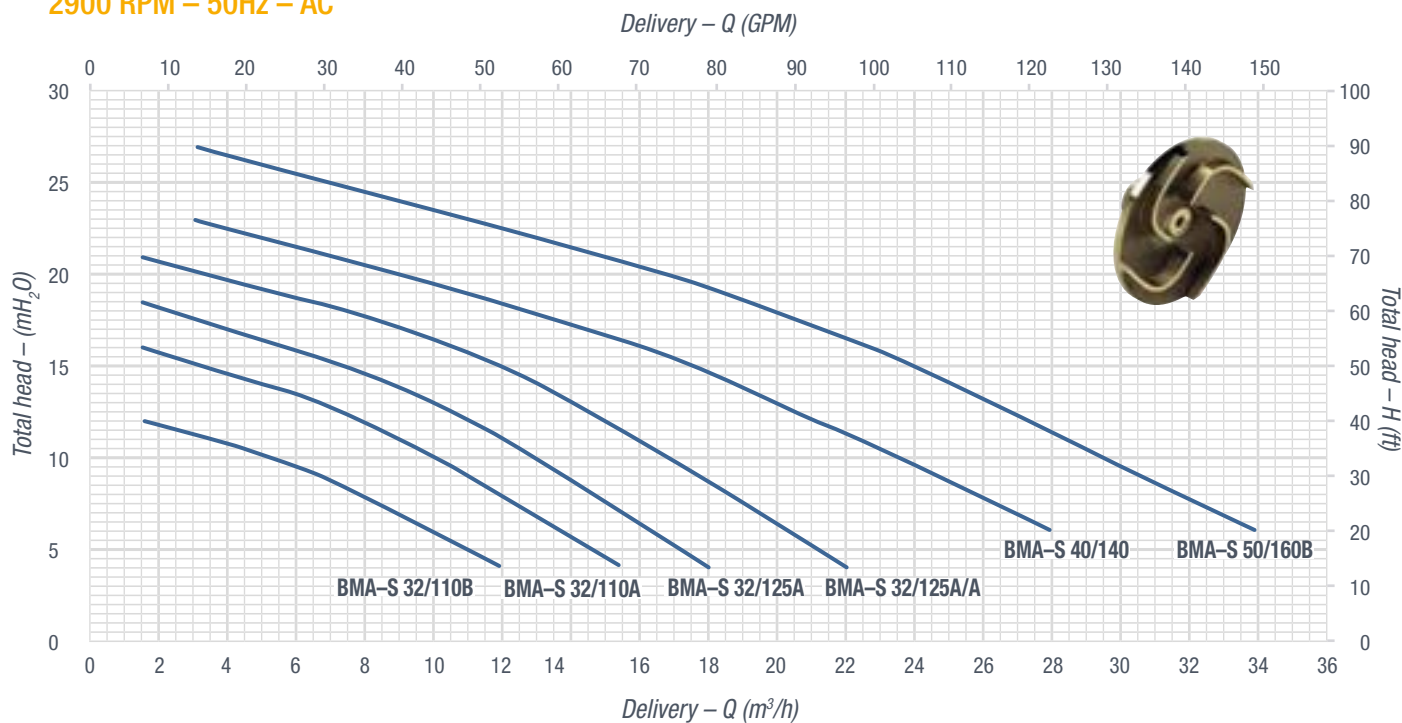
2900 RPM – 50Hz – AC

Versione Version	Potenza kW Power kW	PORTATA / DELIVERY (lt/min)																					
		25		50		100		150		200		250		300		350		450		500		550	
		PORTATA / DELIVERY (m³/h)																					
		1,5		3,0		6,0		9,0		12,0		15,0		18,0		21,0		27,0		30,0		33,0	
		PREVALENZA TOTALE / TOTAL HEAD (mH ₂ O)																					
		H	kW	H	kW	H	kW	H	kW	H	kW	H	kW	H	kW	H	kW	H	kW	H	kW	H	kW
BMA-S 32/110B	0,55	12	0,2	11	0,3	9,5	0,3	7	0,4	4	0,5												
BMA-S 32/110A	0,75	16	0,3	15	0,3	13,5	0,4	11	0,5	8	0,6	4,5	0,7										
BMA-S 32/125A	1,1	18,5	0,5	17,5	0,6	16	0,7	14	0,8	11	0,9	8	1	4	1,1								
BMA-S 32/125A/A	1,5	21	0,6	20	0,7	19	0,9	17	1	15	1,1	12	1,2	8,5	1,3	5	1,5						
BMA-S 40/140B	1,5/2,2			23	1	21,5	1,1	20	1,2	18,5	1,3	16,5	1,5	14,5	1,6	12	1,8	7	2,1				
BMA-S 50/160B	3			27	1,6	25,5	1,8	24	2	22,5	2,1	21	2,2	19	2,4	17	2,6	13	2,7	9,5	2,8	7	2,9

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

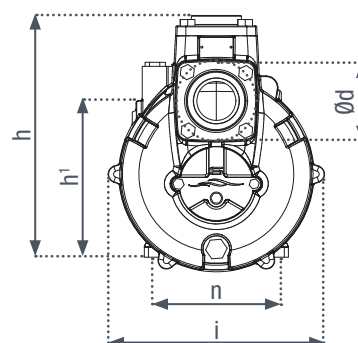
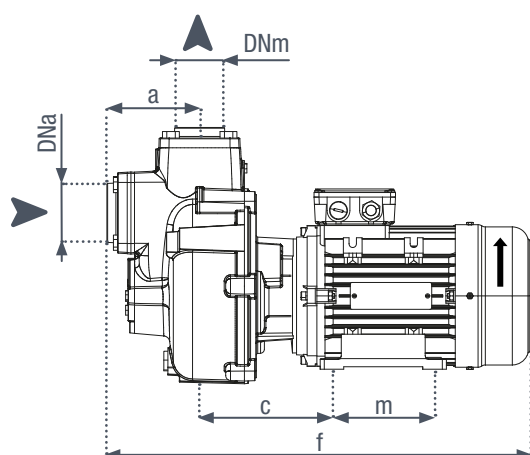
(kW) Absorbed power - Tolerances in accordance with EN ISO 9906 / Technical features and limitations see technical appendix section 18

DIMENSIONI / DIMENSIONS

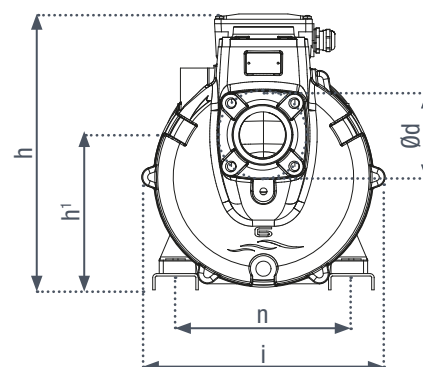
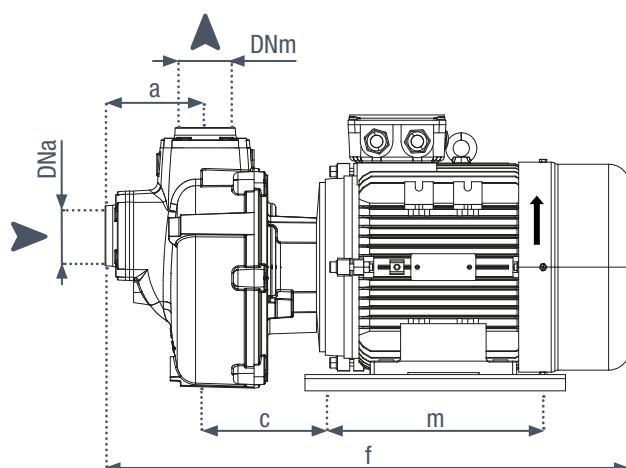
Versione / Version	a	c	f	Ød	h	h'	i	m	n	DNa	DNm	kg
BMA-S 32/110B	75	143	400	75	220	125	215	100	125	32	32	22
BMA-S 32/110A	75	143	410	75	220	125	215	100	125	32	32	24
BMA-S 32/125A	75	143	410	75	220	125	215	100	125	32	32	22
BMA-S 32/125A/A	75	155	430	75	230	135	215	100	140	32	32	24
BMA-S 40/140B	115	175	520	100	300	195	265	125	140	50	40	40
BMA-S 50/160B	90	180	545	95	300	175	265	280	160	50	50	53

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

BMA-S 40



BMA-S 32
BMA-S 50



BMA-S

SELF PRIMING PUMPS



PRESTAZIONI / PERFORMANCES

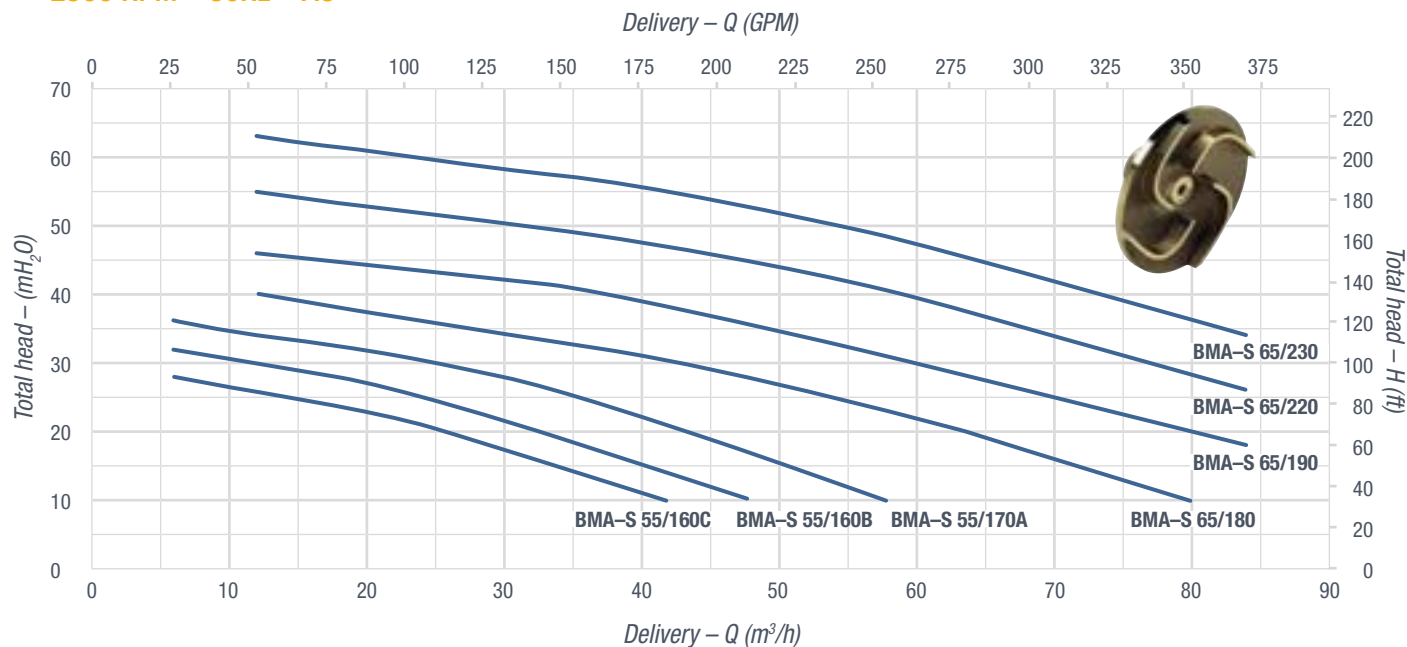
2900 RPM – 50Hz – AC

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 ₂ O)																	
		H KW H KW 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	45	11	41	11,4	36	12,8	28	14,3	26	15
BMA-S 65/230	18,5			63	12	59	13,5	56	14	55	14,5	53	15	49	16	44	17,5	35	18	34	18,4

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

CURVA CARATTERISTICA / PERFORMANCE CURVE

2900 RPM – 50Hz – AC



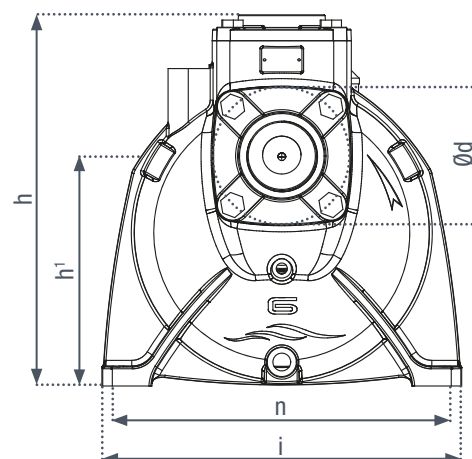
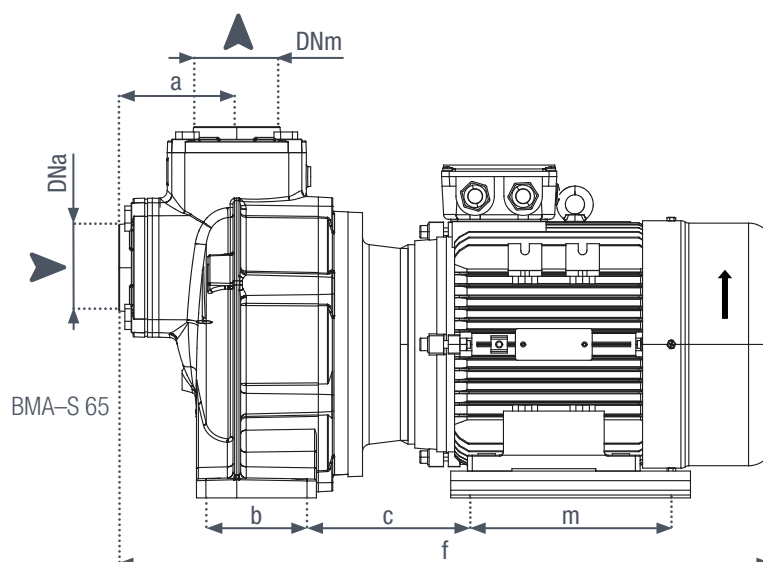
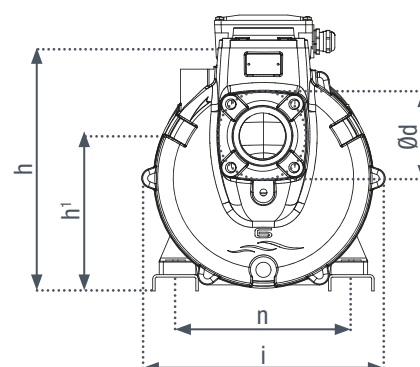
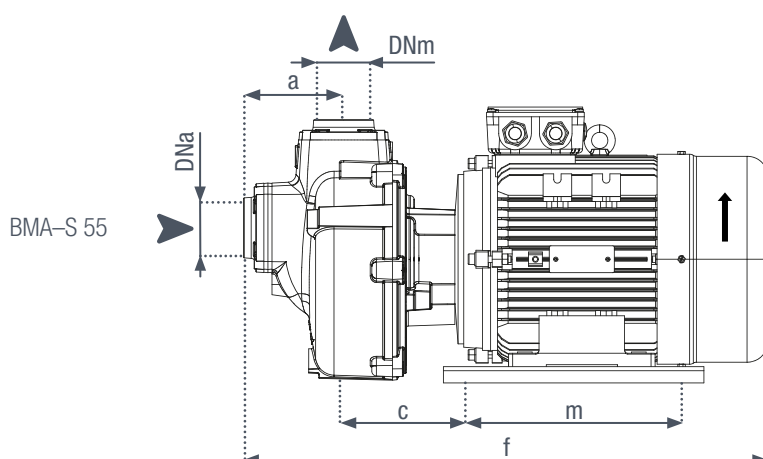
(kW) Potenza assorbita - Tolleranze secondo EN ISO 9906. Caratteristiche tecniche e limitazioni vedi appendice tecnica sezione 18

(kW) Absorbed power - Tolerances in accordance with EN ISO 9906 / Technical features and limitations see technical appendix section 18

DIMENSIONI / DIMENSIONS

Versione / Version	a	b	c	f	Ø d	h	h ¹	i	m	n	DNa	DNm	kg
BMA-S 55/160C	125	-	210	585	110	325	190	300	280	215	50	50	68
BMA-S 55/160B	125	-	225	645	110	390	190	300	280	215	50	50	59
BMA-S 55/170A	125	-	142	655	110	400	190	300	280	215	50	50	65
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	90
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



PRESTAZIONI / PERFORMANCES

3450 RPM – 60Hz – AC

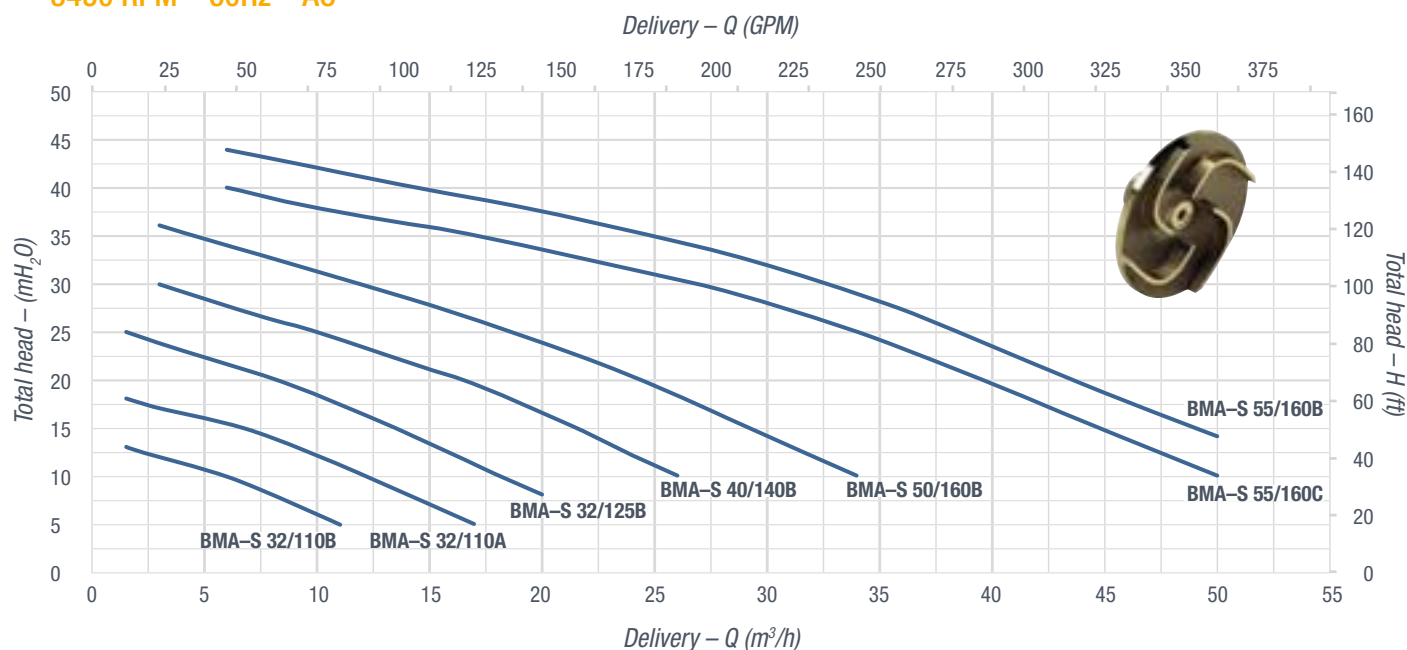
Versione Version		Potenza kW Power kW		PORTATA / DELIVERY (lt/min)																	
				2550100200300350450550830																	
				PORTATA / DELIVERY (m³/h)																	
				1,53,06,012,018,021,027,033,050,0																	
				PREVALENZA TOTALE / TOTAL HEAD (mH ₂ O)																	
				H	A	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	1,1	25	0,7	24	0,8	22	0,9	16	1	10	1,1										
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

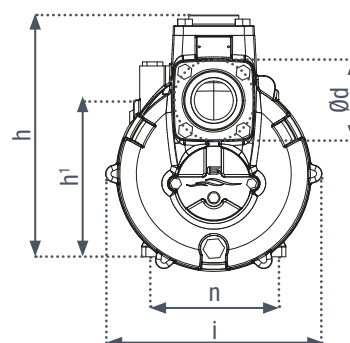
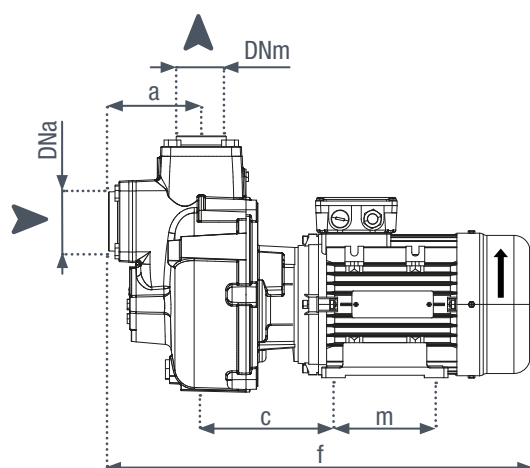
(A) Absorbed current at rated voltage - Tolerances in accordance with EN ISO 9906. Technical features and limitations see technical appendix section 18

DIMENSIONI / DIMENSIONS

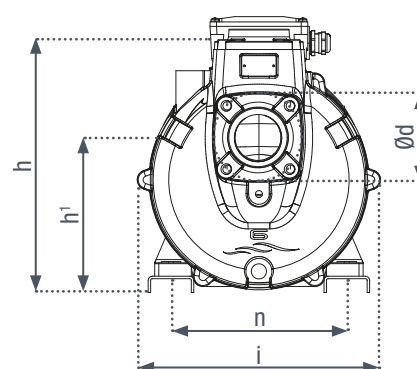
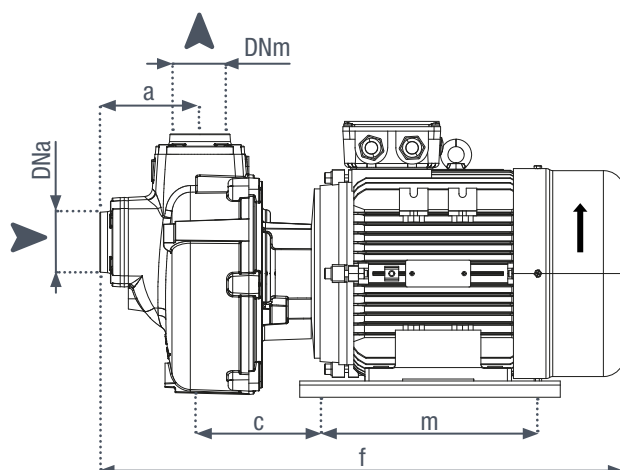
Versione / Version	a	c	f	Ø d	h	h'	i	m	n	DNa	DNm	kg
BMA-S 32/110B	75	140	400	75	220	125	215	100	125	32	32	21
BMA-S 32/110A	75	155	430	75	230	135	215	100	140	32	32	24
BMA-S 32/125B	75	155	430	75	230	135	215	100	140	32	32	26
BMA-S 40/140B	115	165	520	95	300	195	215	100	155	50	40	40
BMA-S 50/160B	90	170	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	68
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

BMA-S 40



BMA-S 32
BMA-S 50



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

BMA-S

SELF PRIMING PUMPS



PRESTAZIONI / PERFORMANCES

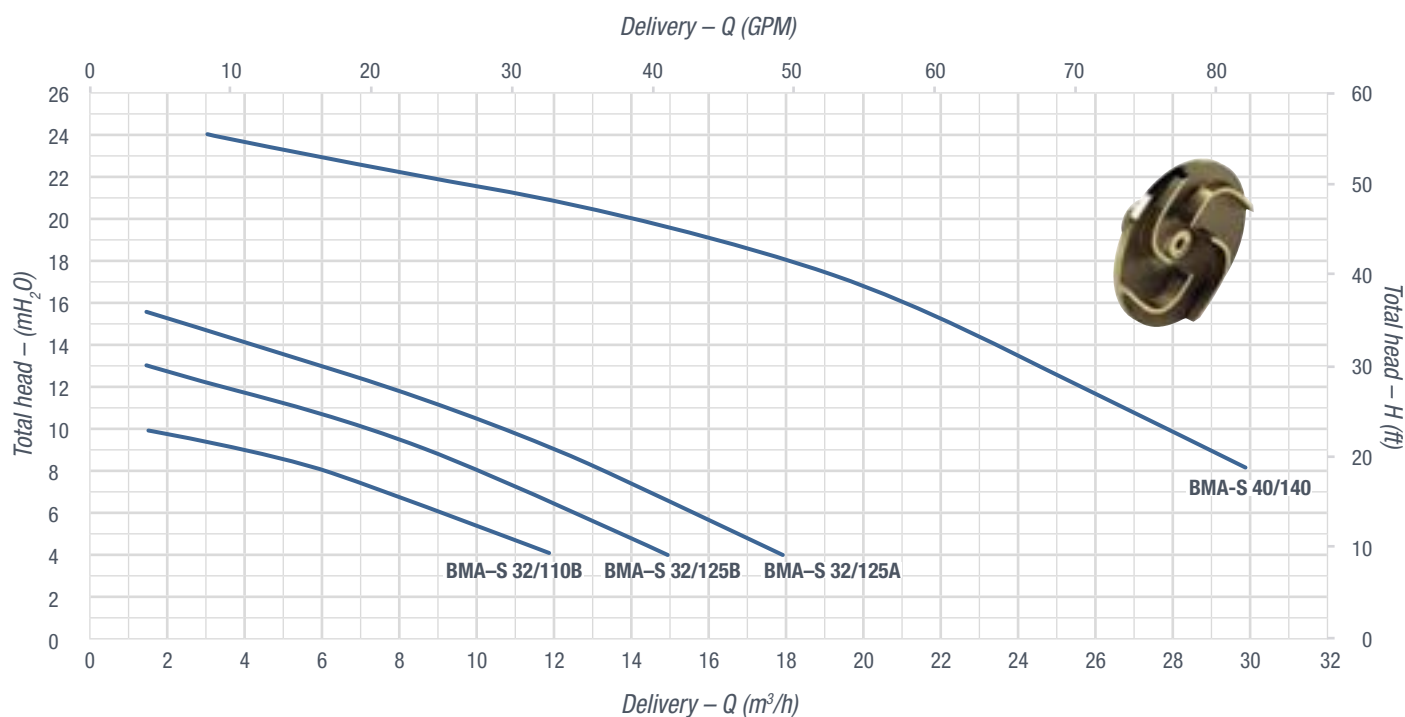
2900 RPM – 24V – DC

Versione Version		Potenza kW Power kW		PORTATA / DELIVERY (lt/min)															
				2550100150200250300400500															
				PORTATA / DELIVERY (m³/h)															
				1,53,06,09,012,015,018,024,030,0															
				PREVALENZA TOTALE / TOTAL HEAD (mH ₂ O)															
		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 / DIMENSIONS

Versione / Version	a	c	f	h	h ¹	i	m	n	DNa	DNm	kg
BMA-S 32/110B	75	160	450	230	135	215	100	125	32	32	27
BMA-S 32/125B	75	160	450	230	135	215	100	125	32	32	28
BMA-S 32/125A	75	160	450	230	135	215	100	125	32	32	28
BMA-S 40/140	115	105	485	300	205	265	210	140	50	40	42

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

