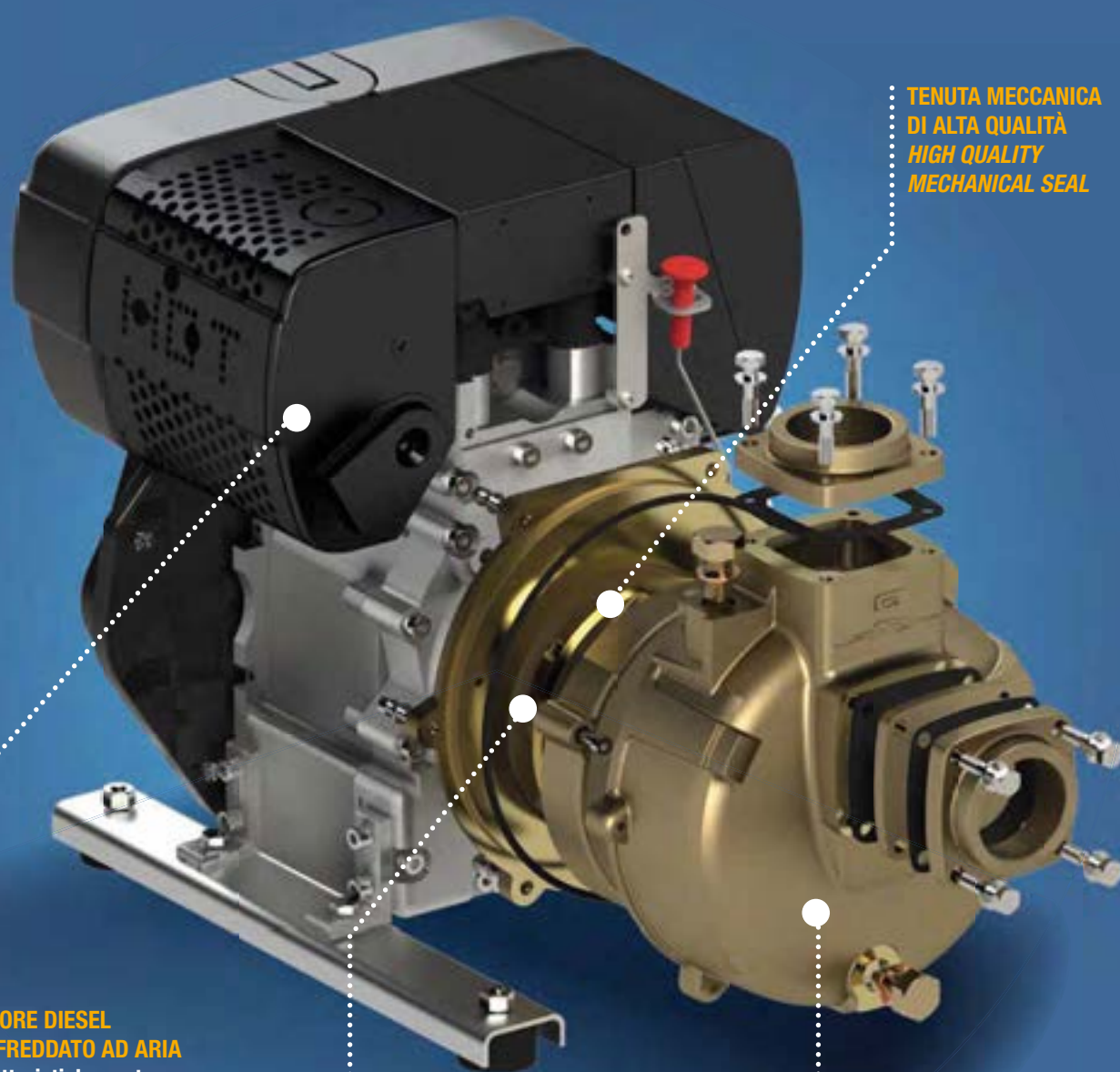


6 MBMA-S

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



**MOTORE DIESEL
RAFFREDDATO AD ARIA**

Caratteristiche motore

AE: Avviamento elettrico + manuale

AS: Avviamento solo manuale

AIR COOLED DIESEL ENGINE

Motor features

AE: Electric + Manual start

AS: Only manual start

**GIRANTE E DIFFUSORE BRONZO
BRONZE IMPELLER AND DIFFUSER**

Marine Bronze as Standard

Custom construction see sec.18

**CORPO POMPA BRONZO
BRONZE BODY PUMP**

Marine Bronze as Standard

Custom construction see sec.18

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

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



MBMA-S 50



MBMA-S 65

Descrizione

Le motopompe monoblocco serie MBMA-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 e permette l'utilizzo di una tenuta meccanica sovradimensionata, previene un eventuale funzionamento a secco garantendone l'utilizzo con liquidi contenenti aria. L'alta qualità di componenti e materiali (Bronzo, Acciaio Inox..) Unitamente alle altre caratteristiche la rendono particolarmente adatta all'utilizzo su Yacht-Megayacht, barche da lavoro e nell'industria nautica OEM.



Description

The engine driven diesel pumps, single stage enblock MBMA-S series, are self-priming double-volute centrifugal 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 over-sized 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 use on Yachts-Megayachts, workboats and in the OEM boating industry.

Main features

- **Self-priming type without any external device**
- **High quality diesel oil engine with manual and/or electric start up**
- **Compact construction with easy maintenance**

MBMA-S

SELF PRIMING PUMPS



PRESTAZIONI / PERFORMANCES

DIESEL

Versione Version	Potenza kW Power kW	Giri/1' Rpm	PORTATA / DELIVERY (lt/min)															
			100	150	200	300	350	400	450	500	550	600	750	850	900	1000	1300	1400
			PORTATA / DELIVERY (m³/h)															
			6,0	9,0	12,0	18,0	21,0	24,0	27,0	30,0	33,0	36,0	45,0	51,0	54,0	60,0	78,0	84,0
			PREVALENZA TOTALE / TOTAL HEAD (mH ₂ O)															
			H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
MBMA-S 50/160B	3,3	3300	35	33	31	27	25	23	20	17	15	10						
MBMA-S 55/160A	7,5	3600			48	45	43	42	40	37	36	33	26	22	19			
MBMA-S 65/180**	13	3300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MBMA-S 65/190**	13	3300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MBMA-S 65/220**	23,7	3000			61	58	57	56	54	53	51	49	40	(35*)	(27*)			
MBMA-S 65/230**	23,7	3000					67	65	64	62	60	59	57	55	54	52	(43*)	(34*)

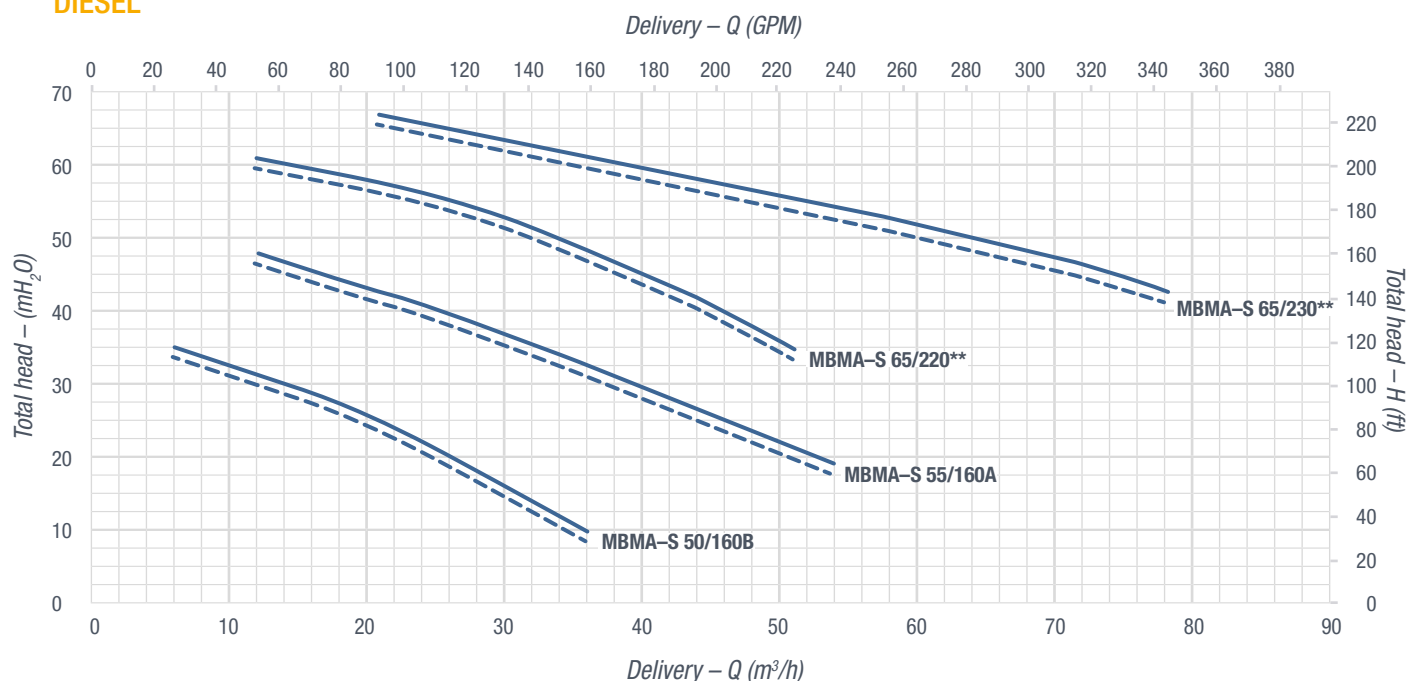
(*) Solo con impiego sottobattente / (*) Only suction flooded condition / (**) Modelli solo su richiesta / (**) Versions only on request

Versioni disponibili / Available versions:

- | | | | |
|----|---|---|--|
| AS | Avviamento a strappo / Rope start | - | Versioni MBMA-S 50/160B / MBMA-S 55/160A |
| AV | Avviamento manuale a manovella / Crank starting | - | Versioni MBMA-S 65/220 / MBMA-S 65/230 |
| AE | Avviamento elettrico 12V DC / Electric start 12V DC | - | Tutte le versioni / All versions |

CURVA CARATTERISTICA / PERFORMANCE CURVE

DIESEL



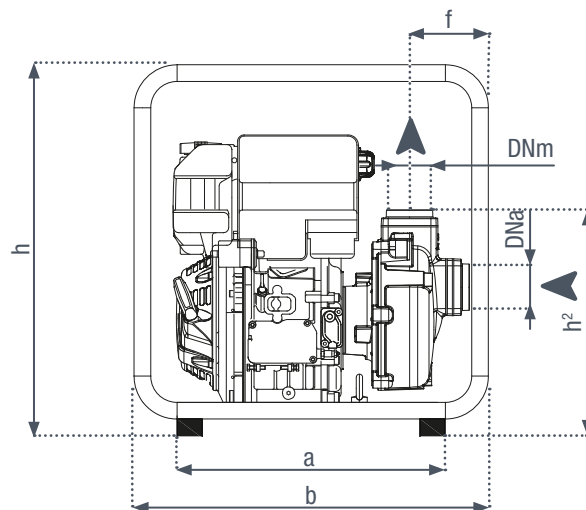
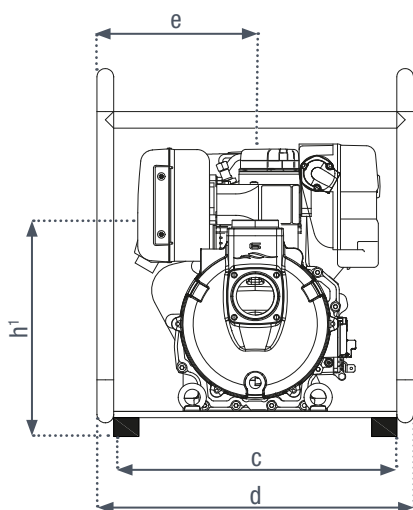
Tolleranze secondo EN ISO 9906. Caratteristiche tecniche e limitazioni vedi appendice tecnica sezione 18
Tolerances in accordance with EN ISO 9906 / Technical features and limitations see technical appendix section 18

DIMENSIONI / DIMENSIONS

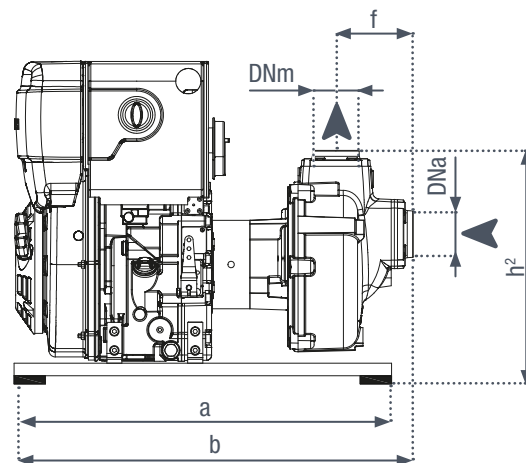
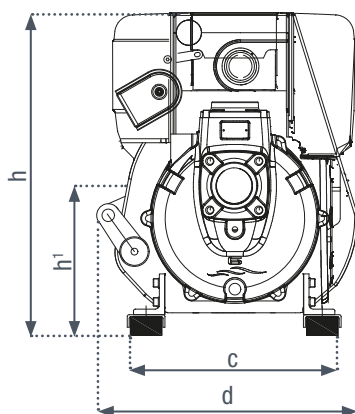
Versione / Version		a	b	c	d	e	f	h	h ¹	h ²	DNa	DNm	kg
MBMA-S 50/160B	diesel	420	560	440	505	250	90	600	225	345	2"	2"	53
MBMA-S 55/160A	diesel	420	660	440	505	250	125	600	245	375	2"	2"	103
MBMA-S (N) 50/160B	diesel	400	470	295	360	—	90	440	220	340	2"	2"	52
MBMA-S (N) 55/160A	diesel	600	640	340	420	—	125	520	240	370	2"	2"	110
MBMA-S 65/180	diesel	—	—	—	—	—	—	—	—	—	—	—	—
MBMA-S 65/190	diesel	—	—	—	—	—	—	—	—	—	—	—	—
MBMA-S 65/220	diesel	1000 $\pm$ 100	—	520	640	—	125	640	310	480	2" ½	2" ½	340
MBMA-S 65/230	diesel	1000 $\pm$ 100	—	800	800	—	125	950	480	650	2" ½	2" ½	400

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

MBMA-S
con telaio
with frame



MBMA-S (N)
MBMA-S 65
senza telaio
without frame



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