



Ufin
accessori nautici



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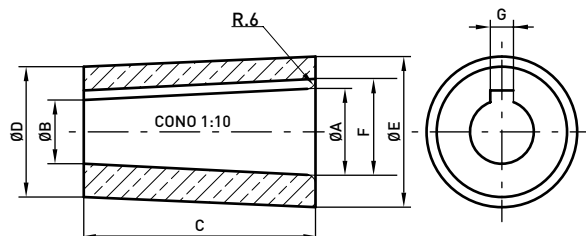
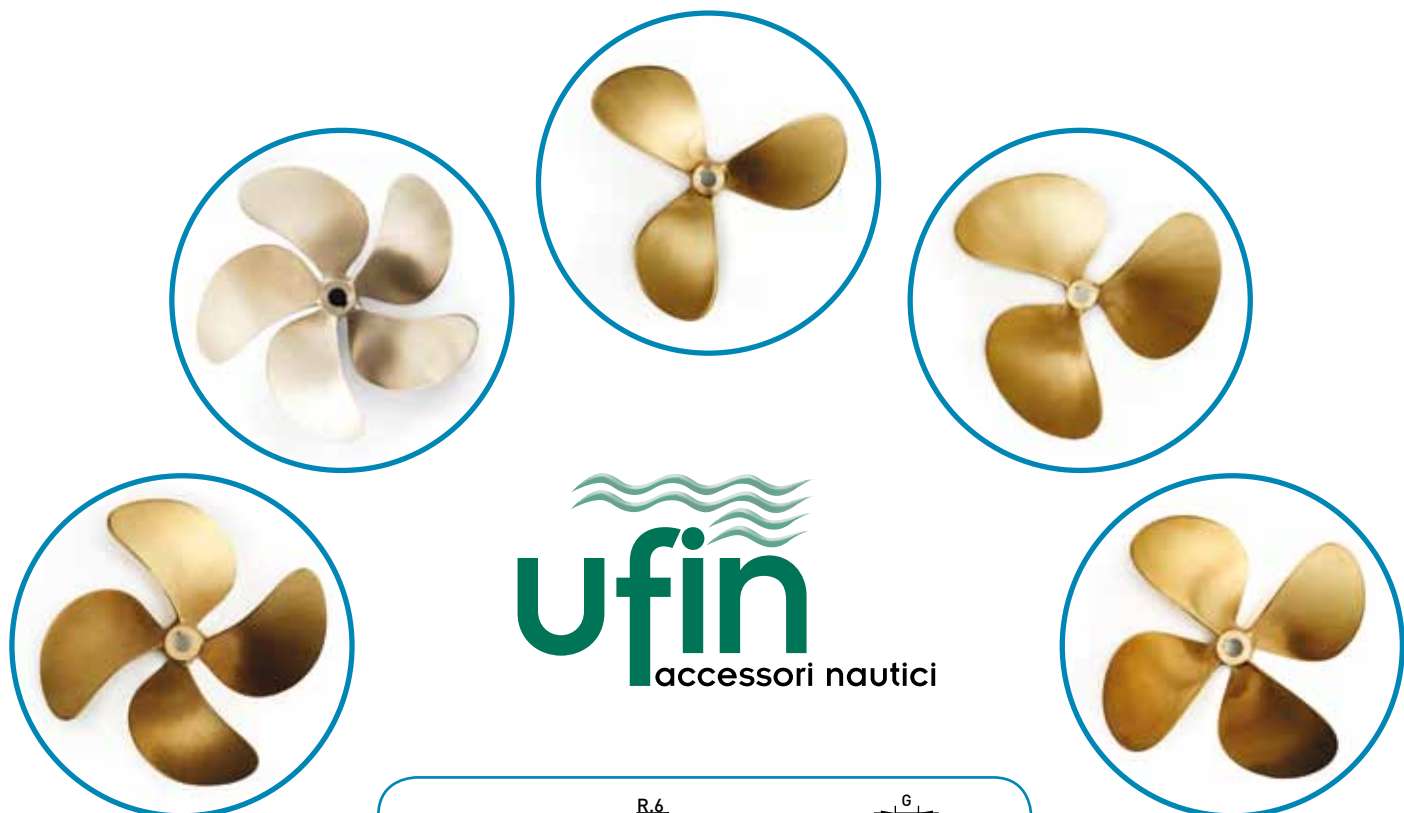


Eliche per motori entro bordo

Inboard propellers

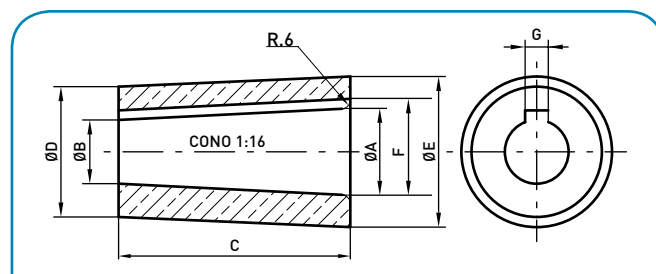
Eliche di produzione nazionale ed estera per motori entro bordo, la gamma completa comprende eliche a 2,3,4, e 5 pale per tutti i tipi di imbarcazione, dalla barca a vela allo scafo ad alte prestazioni, per velocità da 6 a 35 nodi e oltre. Le leghe utilizzate per la produzione sono OT.MAN. e NIBRAL. Eliche con misure in millimetri, conicità non standard o dimensioni extra tabella sono fornite su richiesta.

Inboard propellers from national and global manufacturers. The available range includes propellers with 2,3,4 and 5 blades for all boat types, from sailing yachts to planning hulls. We can supply propellers for vessel speeds from 6 to 35 knots and more. The bronze alloys used are OT.MAN. and NIBRAL. Propellers with metric measures, with tapers different from 1/10 are supplied on demand.



Dimensioni mozzì eliche conicità 1/10 / Propellers hub dimensions 1/10 taper

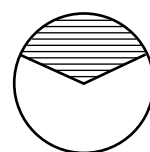
DIAMETRO ASSE SHAFT DIAMETER	A mm	B mm	C mm	D mm	E mm	F mm	G mm
25	25	19	60	37	42	27,8	6
30	30	22	80	45	52	33,3	8
35	35	26	90	50	57	38,3	10
40	40	30	100	55	64	43,3	12
45	45	34	110	65	75	48,8	14
50	50	38	120	75	84	53,8	14
60	60	46	140	90	105	64,4	18
70	70	54	160	100	120	74,9	20
80	79,5	61,5	180	120	140	84,9	22
90	89,5	69,5	200	135	160	94,9	25
100	99	77	220	150	180	105,4	28
110	109	85	240	170	210	115,4	28
120	119	93	260	180	220	220	32



Dimensioni mozzi eliche conicità 1/16 / Propellers hub dimensions 1/16 taper

DIAMETRO ASSE SHAFT DIAMETER	A	B	C	D	E	F	G
3/4"	3/4"	0,61"	2" 1/4	1" 3/16	1" 3/8	27/32"	3/16"
7/8"	7/8"	0,71"	2" 5/8	1" 7/16	1" 1/2	1"	1/4"
1"	1"	0,81"	3"	1" 1/8	1" 5/8	1" 1/8	1/4"
1" 1/8	1" 1/8	0,91"	3" 3/8	1" 9/16	1" 3/4	1" 2/8	1/4"
1" 1/4	1" 1/4	1,01"	3" 3/4	1" 3/4	2" 1/16	1" 13/32	5/16"
1" 3/8	1" 3/8	1,11"	4" 1/8	2"	2" 1/4	1" 17/32	5/16"
1" 1/2	1" 1/2	1,22"	4" 1/2	2" 3/16	2" 1/2	1" 11/16	3/8"
1" 3/4	1" 3/4	1,42"	5" 1/4	2" 9/16	3"	1" 31/32	7/16"
2"	2"	1,62"	6"	3"	3" 5/16	2" 1/4	1/2"
2" 1/4	2" 1/4	1,82"	6" 3/4	3" 3/8	4"	2" 17/32	9/16"
2" 1/2	2" 1/2	2,03"	7" 1/2	3" 3/4	4" 1/2	2" 13/16	5/8"
2" 3/4	2" 3/4	2,23"	8" 1/4	4"	4" 3/4	3" 1/16	5/8"
3"	3"	2,43"	9"	4" 3/4	5" 1/2	3" 5/16	3/4"

Eliche 2 pale 2 blades propellers

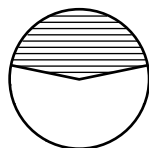


K235 AS/AD = 0,3432
6-10 KN

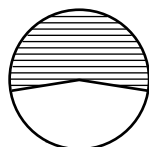
Elica 2 pale K 235 (D.A.R. 35%) / 2 Blades propellers K 235 (D.A.R. 35%)

DIAMETRO DIAMETER	PASSO standard / standard PITCH	FORO max / max BORE
12"	8" - 10"	25 mm
13"	8" - 13"	25 mm
14"	8" - 14"	25 mm
15"	8" - 14"	25 mm
16"	8" - 15"	30 mm
17"	10" - 15"	30 mm
18"	10" - 15"	30 mm
19"	13" - 15"	35 mm
20"	13" - 15"	35 mm
21"	13" - 15"	35 mm

Eliche 3 pale 3 blades propellers



E343 AS/AD = 0,4267
6-10 KN



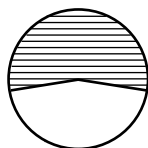
E352 AS/AD = 0,5150
8-16 KN

Elica 3 pale E 343 (D.A.R. 43%) / 3 Blades propellers E 343 (D.A.R. 43%)

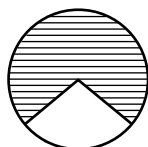
DIAMETRO / DIAMETER	PASSO standard / standard PITCH	FORO max / max BORE
12"	8" - 10"	25 mm
13"	7" - 11"	25 mm
14"	7" - 12"	30 mm
15"	8" - 13"	30 mm
16"	9" - 14"	35 mm
17"	10" - 15"	35 mm
18"	11" - 16"	35 mm
19"	12" - 17"	40 mm
20"	13" - 18"	40 mm

Elica 3 pale E 352 (D.A.R. 52%) / 3 Blades propellers E 352 (D.A.R. 52%)

DIAMETRO / DIAMETER	PASSO standard / standard PITCH	FORO max / max BORE
12"	8" - 11"	25 mm
13"	8" - 13"	30 mm
14"	8" - 14"	30 mm
15"	8" - 14"	35 mm
16"	9" - 16"	35 mm
17"	10" - 16"	35 mm
18"	10" - 16"	35 mm
19"	11" - 18"	40 mm
20"	11" - 18"	40 mm
21"	12" - 19"	40 mm
22"	12" - 19"	45 mm
23"	15" - 19"	45 mm
24"	15" - 19"	45 mm



C355 AS/AD = 0,5470
17-30 KN



D375 AS/AD = 0,7500
30-35 KN

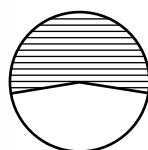
Elica 3 pale C 355 (D.A.R. 55%) / 3 Blades propellers C 355 (D.A.R. 55%)

DIAMETRO / DIAMETER	PASSO standard / standard PITCH	FORO max / max BORE
13"	11" - 15"	30 mm
14"	11" - 17"	30 mm
15"	13" - 17"	30 mm
16"	14" - 20"	35 mm
17"	15" - 20"	35 mm
18"	15" - 21"	40 mm
19"	15" - 23"	40 mm
20"	16" - 23"	40 mm

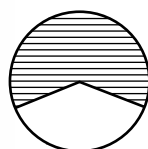
Elica 3 pale D 375 (D.A.R. 75%) / 3 Blades propellers D 375 (D.A.R. 75%)

DIAMETRO / DIAMETER	PASSO standard / standard PITCH	FORO max / max BORE
17"	17" - 20"	40 mm
18"	16" - 24"	40 mm
19"	19" - 26"	45 mm
20"	20" - 26"	45 mm
21"	21" - 24"	45 mm
22"	21" - 24"	45 mm
23"	21" - 24"	50 mm

Eliche 4 pale 4 blades propellers



B6 AS/AD = 0,5689
9-15 KN



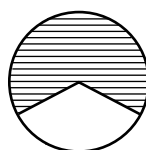
B7 AS/AD = 0,6861
15-22 KN

Elica 4 pale B 457 (D.A.R. 57%) / 4 Blades propellers B 457 (D.A.R. 57%)

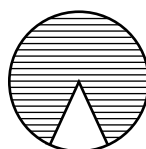
DIAMETRO / DIAMETER	PASSO standard / standard PITCH	FORO max / max BORE
16"	13" - 15"	40 mm
17"	13" - 17"	40 mm
18"	13" - 17"	40 mm
19"	13" - 17"	40 mm

Elica 4 pale B 469 (D.A.R. 69%) / 4 Blades propellers B 469 (D.A.R. 69%)

DIAMETRO / DIAMETER	PASSO standard / standard PITCH	FORO max / max BORE
16"	13" - 15"	40 mm
17"	13" - 18"	40 mm
18"	13" - 18"	45 mm
19"	15" - 19"	50 mm
20"	15" - 20"	50 mm
21"	16" - 20"	50 mm
22"	16" - 20"	50 mm
23"	18" - 20"	50 mm
24"	18" - 20"	50 mm



S8 AS/AD = 0,736
18-30 KN



S8m AS/AD = 0,900
25-35 KN

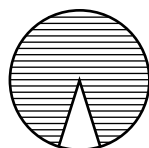
Elica 4 pale S 474 (D.A.R. 74%) / 4 Blades propellers S 474 (D.A.R. 74%)

DIAMETRO / DIAMETER	PASSO standard / standard PITCH	FORO max / max BORE
16"	15" - 22"	35 mm
17"	15" - 24"	40 mm
18"	16" - 27"	40 mm
19"	16" - 27"	40 mm
20"	16" - 27"	40 mm
21"	18" - 30"	50 mm
22"	18" - 30"	50 mm
23"	20" - 32"	50 mm
24"	20" - 32"	50 mm

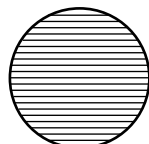
Elica 4 pale S 485-490 (D.A.R. 85-90%) / 4 Blades propellers S 485-490 (D.A.R. 85-90%)

DIAMETRO / DIAMETER	PASSO standard / standard PITCH	FORO max / max BORE
16"	15" - 22"	35 mm
17"	15" - 24"	40 mm
18"	15" - 24"	40 mm
19"	22" - 26"	40 mm
20"	22" - 26"	50 mm
21"	22" - 27"	50 mm
22"	22" - 27"	50 mm
23"	26" - 33"	50 mm
24"	26" - 33"	50 mm

Eliche 5 pale 5 blades propellers



S592 AS/AD = 0,92
18-32 KN



S506 AS/AD = 1,06
16-30 KN

Elica 5 pale S 592 (D.A.R. 92%) / 5 Blades propellers S 592 (D.A.R. 92%)

DIAMETRO / DIAMETER	PASSO standard / standard PITCH	FORO max / max BORE
20"	18" - 28"	40 mm
21"	18" - 30"	50 mm
22"	20" - 32"	50 mm
23"	20" - 34"	50 mm
24"	20" - 34"	60 mm
25"	20" - 36"	60 mm
26"	22" - 38"	70 mm
27"	24" - 40"	70 mm
28"	26" - 42"	80 mm

Elica 5 pale B 506 (D.A.R. 106%) / 5 Blades propellers S 506 (D.A.R. 106%)

DIAMETRO / DIAMETER	PASSO standard / standard PITCH	FORO max / max BORE
20"	18" - 28"	40 mm
21"	18" - 30"	50 mm
22"	20" - 32"	50 mm
23"	20" - 34"	60 mm
24"	24" - 34"	60 mm
25"	20" - 36"	70 mm
26"	22" - 38"	70 mm
27"	24" - 40"	70 mm
28"	26" - 42"	80 mm

Eliche in alluminio Sail Drive

Aluminium propellers - Sail Drive

Le eliche a pale fisse per sail drive sono disponibili con geometria a 2 e 3 pale e sono costruite con una particolare lega che garantisce notevole resistenza alla corrosione ed un elevato grado di elasticità.

Fixed bladed propellers for sail drive transmissions are built in a specific alloy that guarantees high corrosion resistance, the best elasticity and tensile strength.



Elica alluminio 2 pale sail drive / Aluminium 2 blades sail drive propeller

		PASSO / PITCH											
		7"	8"	9"	10"	11"	12"	13"	14"	15"	16"	17"	18"
DIAMETRO / DIAMETER	14"	93SD2407	93SD2408	93SD2409	93SD2410	93SD2411	93SD2412						
	15"			93SD2509	93SD2510	93SD2511	93SD2512	93SD2513					
	16"			93SD2609	93SD2610	93SD2611	93SD2612	93SD2613	93SD2614				
	17"							93SD2713	93SD2714	93SD2715	93SD2716	93SD2717	93SD2818
	18"					93SD2811	93SD2812	93SD2813	93SD2814	93SD2815			
	19"										93SD2916	93SD2917	93SD2818



Elica alluminio 3 pale sail drive / Aluminium 3 blades sail drive propeller

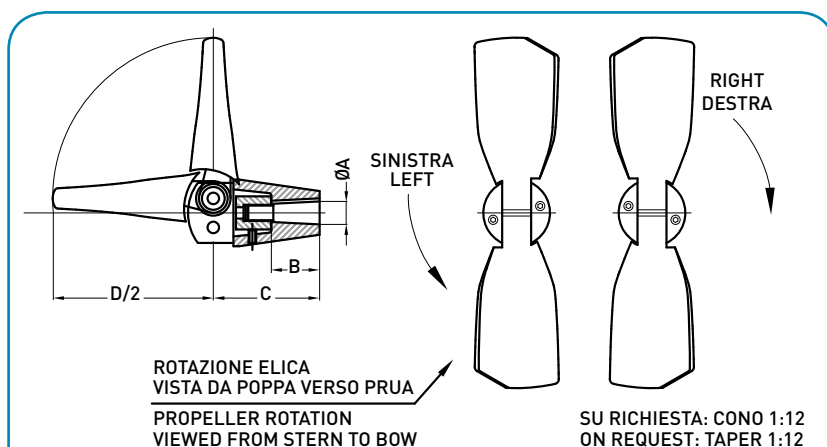
		PASSO / PITCH								
		9"	10"	11"	12"	13"	14"	15"	16"	17"
DIAMETRO DIAMETER	14"	93SD3409	93SD3410	93SD3411	93SD3412	93SD3413				
	15"			93SD3511	93SD3512	93SD3513	93SD3514			
	16"			93SD3611	93SD3612	93SD3613	93SD3614	93SD3615		
	17"			93SD3711	93SD3712	93SD3713	93SD3714	93SD3715	93SD3716	93SD3717
	18"					93SD3813	93SD3814	93SD3815	93SD3816	93SD3817

Eliche a pale abbattibili

Folding propellers

Eliche a pale abbattibili per barche a vela: studiate per ridurre il trascinamento durante la navigazione a vela. Disponibili per linea d'asse e per trasmissione sail drive.

Folding propellers for sailboat: designed to reduce propeller drag during sailing. Available with hub for Saildrive or shaft line

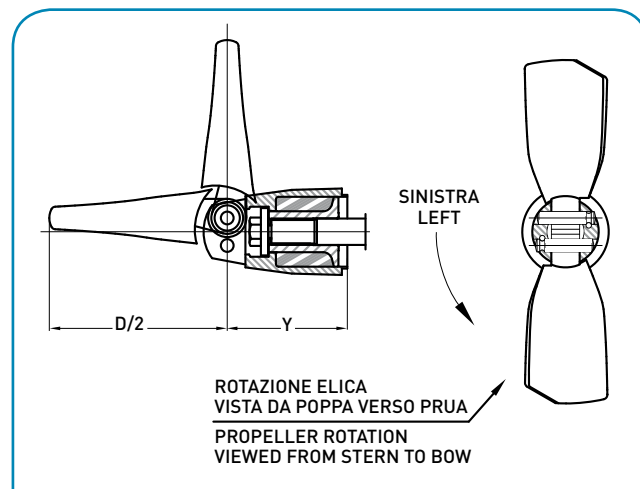


Coppie pale per eliche folding / Blade-set for folding propeller

		PASSO / PITCH										MOZZO HUB
		7"	8"	9"	10"	11"	12"	13"	14"	15"		
DIAMETRO / DIAMETER	13"	RH	94FB307R	94FB308R	94FB309R	94FB310R	94FB311R	94FB312R				M1
		LH	94FB307L	94FB308L	94FB309L	94FB310L	94FB311L	94FB312L				
	14"	RH	94FB407R	94FB408R	94FB409R	94FB410R	94FB411R	94FB412R				M2 / M3
		LH	94FB407L	94FB408L	94FB409L	94FB410L	94FB411L	94FB412L				
	15"	RH	94FB507R	94FB508R	94FB509R	94FB510R	94FB511R	94FB512R				
		LH	94FB507L	94FB508L	94FB509L	94FB510L	94FB511L	94FB512L				
	16"	RH		94FB608R	94FB609R	94FB610R	94FB611R	94FB612R	94FB613R			
		LH		94FB608L	94FB609L	94FB610L	94FB611L	94FB612L	94FB613L			
	17"	RH				94FB709R	94FB710R	94FB711R	94FB712R	94FB713R		
		LH				94FB709L	94FB710L	94FB711L	94FB712L	94FB713L		
	18"	RH				94FB809R	94FB810R	94FB811R	94FB812R	94FB813R	94FB814R	
		LH				94FB809L	94FB810L	94FB811L	94FB812L	94FB813L	94FB814L	
19"	RH						94FB911R	94FB912R	94FB913R	94FB914R	94FB915R	M4
	LH						94FB911L	94FB912L	94FB913L	94FB914L	94FB915L	
20"	RH						94FB011R	94FB012R	94FB013R	94FB014R	94FB015R	
	LH						94FB011L	94FB012L	94FB013L	94FB014L	94FB015L	

Kit mozzo cono 1/10 per eliche folding / Hub kit conus 1/10 for folding propeller

CODICE CODE	MOZZO / HUB	DIAMETRO ASSE SHAFT DIAMETER	B	C	FORO / BORE mm
94FM1PIL	M 1	FORO PILOTA	60	92	14
94FM122		22 mm	50	100	-
94FM125		25 mm	60	110,5	-
94FM2PIL	M 2	FORO PILOTA	60	114	14
94FM222		22 mm	50	114	-
94FM225		25 mm	60	114	-
94FM330	M 3	30 mm	80	134	-
94FM435	M 4	35 mm	90	156	-
94FM440		40 mm	100	166	-



Coppie pale per eliche folding sail drive / Blade-set for sail drive folding propeller

		PASSO / PITCH										MOZZO HUB
		7"	8"	9"	10"	11"	12"	13"	14"	15"		
DIAMETRO / DIAMETER	13"	LH	94FB307L	94FB308L	94FB309L	94FB310L	94FB311L	94FB312L				M10
	14"	LH	94FB407L	94FB408L	94FB409L	94FB410L	94FB411L	94FB412L				
	15"	LH	94FB507L	94FB508L	94FB509L	94FB510L	94FB511L	94FB512L				
	16"	LH		94FB608L	94FB609L	94FB610L	94FB611L	94FB612L	94FB613L			
	17"	LH			94FB709L	94FB710L	94FB711L	94FB712L	94FB713L			
	18"	LH			94FB809L	94FB810L	94FB811L	94FB812L	94FB813L	94FB814L		M11
	19"	LH					94FB911L	94FB912L	94FB913L	94FB914L	94FB915L	
	20"	LH					94FB011L	94FB012L	94FB013L	94FB014L	94FB015L	

Kit mozzo sail drive / Sail drive hub kit

CODICE CODE	SAIL DRIVE	DIAMETRO ELICA PROPELLER DIAMETER	Y
94SDFM10	BUCK-NANNI-VOLVO	14" - 17"	132
94SDFM10Y	YANMAR	14" - 17"	129
94SDFM10LO	LOMBARDINI	14" - 17"	132
94SDFM11	BUCK-NANNI-VOLVO	18" - 20"	135
94SDFM11Y	YANMAR	18" - 20"	132
94SDFM11LO	LOMBARDINI	18" - 20"	135

Eliche a pale abbattibili Flexofold

Flexofold Folding propellers

Le eliche Flexofold a 2 pale in configurazione standard e racing combinano la minore resistenza all'avanzamento nella navigazione a vela con forme di pala ad elevata efficienza. Le eliche a 3 pale Flexofold, nell'utilizzo a motore sono tra le più efficienti. Il design delle pale garantisce un buon funzionamento anche in retromarcia assicurando rapide accelerazioni e decelerazioni richieste in manovra.

Standard and racing 2 bladed Flexofold propellers combine the most efficient blade shape with very low drag. Under engine power, 3 bladed Flexofold propellers are the most efficient 3-blade folding propellers available. The blade shape gives you better performance in both forward and reverse.

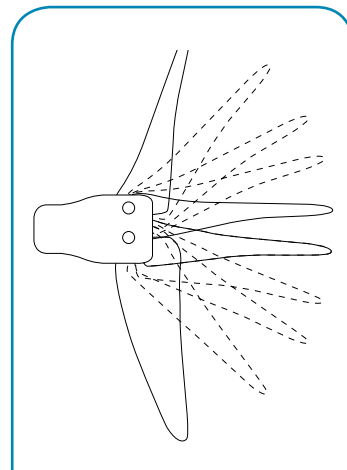


Eliche a pale abbattibili 2 pale / Folding propellers 2 blade

CODICE / CODE	DIAMETRO / DIAMETER	PASSI DISPONIBILI / AVAILABLE PITCHES
SET 2 PALE STANDARD / 2 BLADE STANDARD SET		
94F0F22 (7-10) R	12 RH	7,8,9,10
94F0F23 (8- 11) R/L	13 RH / LH	8,9,10,11
94F0F24 (9-12) R/L	14 RH / LH	9,10,11,12
94F0F25 (9-13) R/L	15 RH / LH	9,10,11,12,13
94F0F26 (10-14) R/L	16 RH / LH	10,11,12,13,14
94F0F27 (11-15) R/L	17 RH / LH	11,12,13,14,15
94F0F28 (12-16) R/L	18 RH / LH	12,13,14,15,16
94F0F20 (14-17) R/L	20 RH / LH	14,15,16,17
SET 2 PALE RACING / 2 BLADE RACING SET		
94F0F24 (9-13) L-R	14 LH	9,10,11,12,13
94F0F25 (9-1) R/L-R	15 RH / LH	9,10,11,12,13
94F0F26 (10-14) R/L-R	16 RH / LH	10,11,12,13,14
94F0F27 (11-15) R/L-R	17 RH / LH	11,12,13,14,15
94F0F28 (12-16) R/L-R	18 LH	12,13,14,15,16
94F0F21 (12-16) R/L-R	21 LH	14,15,16,17

Mozzi per eliche 2 pale / Hubs for 2-blade props

CODICE / CODE	DESCRIZIONE / DESCRIPTION
94F0FM-SD2	MOZZO SAIL DRIVE 2 PALE / 2 BLADES SD HUB
94F0FM-SD2LO	MOZZO SAIL DRIVE 2 PALE -LOMBARDINI- 2 BLADES SD HUB
94F0FM-SD22	MOZZO SAIL DRIVE 2 PALE 20"/ 2 BLADES 20"SD HUB
94F0FM (25, 30,) 2	MOZZO CONICO 1/10 2 PALE / 2 BLADES STD TAPER HUB
94F0FM (25,30,35,40) 22	MOZZO CONICO1/10 2 PALE 20"/ 2 BLADES 20"STD TAPER HUB



Flexofold ingombri elica / Flexofold propellers dimensions

DIAMETRO ASSE SHAFT DIAMETER	INGOMBRO Y PER ELICHE A 2 PALE mm LENGHT Y 2 BLADES						INGOMBRO Y PER ELICHE A 3 PALE mm LENGHT Y 3 BLADES					
DIAMETRO ASSE	12"	13"	14"	15"	16"	17"	15"	16"	17"	18"	20"	22"
25 mm	242	254	265	279	292	304	290	305	315	325		
30 mm	271	283	294	308	321	333	306	321	331	335	361	
35 mm							316	331	341	351	371	396

Eliche a pale abbattibili 3 pale / Folding propellers 3 blades

CODICE / CODE	DIAMETRO / DIAMETER	PASSI DISPONIBILI / AVAILABLE PITCHES
SET 3PALE STANDARD / 3 BLADES STANDARD SET		
94F0F34 (8-12) R/L	14 RH / LH	8,9,10,11,12,
94F0F35 (9-13) R/L	15 RH / LH	9,10,11,12,13
94F0F36 (10-14) R/L	16 RH / LH	10,11,12,13,14
94F0F37 (11-15) R/L	17 RH / LH	11,12,13,14,15
94F0F38 (11-16) R/L	18 RH / LH	11,12,13,14,15,16
94F0F30 (11-18) R/L	20 RH / LH	11,12,13,14,15,16,17,18
94F0F32 (12-18) R/L	22 RH / LH	12,13,14,15,16,17,18
94F0F324 (13-18) R	24 RH	13,14,15,16,17,18

Mozzi per eliche 3 pale / Hubs for 3-blades props

CODICE / CODE	DESCRIZIONE / DESCRIPTION
94F0FM-SD	MOZZO SAIL DRIVE 3 PALE / 3 BLADES SD HUB
94F0FM-SDLO	MOZZO SAIL DRIVE 3 PALE / 3 BLADES SD HUB
94F0FM (25, 30,35,40)	MOZZO CONICO 1/10 3 PALE / 3 BLADES STD TAPER HUB
94F0FM (25,30,35,40) BIG	MOZZO CONICO1/10 3PALE 24"/ 3 BLADES 24"STD TAPER HUB

Linee d'asse Shaft lines

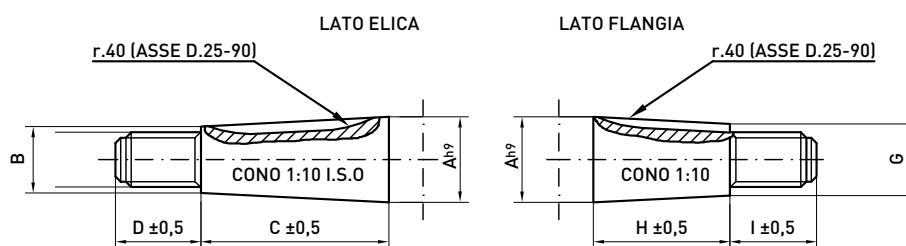
Gli assi portaelica, in acciaio aisi 316 o aisi 630 (V174) sono prodotti secondo elevati standard qualitativi e con un attento controllo dei materiali.

Possono essere forniti con lavorazione su ambo i lati o con lavorazione dal solo lato elica inoltre, in fase di lavorazione i coni possono essere preparati come da specifica del cliente. Per fornitura con acciaio aisi 316 utilizzare codice 90ae6.

Shaft in aisi 316 or aisi 630 (V174) stainless steel.

Produced according to ISO standard and with audited material control and traceability.

The Shaft lines can be supplied with single or double tapers, special tapers can be manufactured on specific customer demand. For aisi 316 steel code is 90ae6.



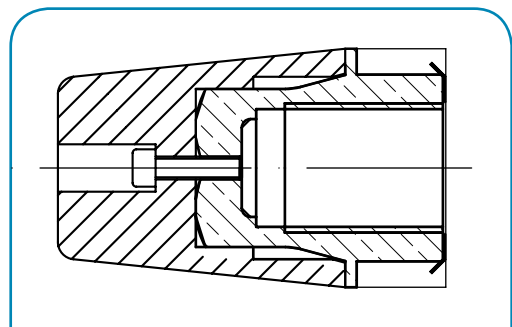
Assi portaelica / Propellers shafts

MATERIALE ACCIAIO AISI 630 (V 174)	CODICE CODE	CONO - FILETTO LATO ELICA / CONE-THREADH PROPELLER SIDE						LATO FLANGIA / COUPLING SIDE			
		A mm	B mm	C mm	D mm	FILETTO/ THREADH	CH mm	G mm	H mm	I mm	FILETTO / THREADH
	90AEV25-1000/2	25	19,5	55	25	16 X 1,5	6 x 6	20,5	45	25	16 X 1,5
	90AEV30-1200/2	30	22,5	75	30	20 X 1,5	8 x 7	25,5	45	25	20 X 1,5
	90AEV35-1500/2	35	26,5	85	35	24 X 2	10 x 8	29,5	55	30	24 X 2
	90AEV40-1500/2	40	30,5	95	35	24 X 2	12 x 8	34,5	55	30	27 X 2
	90AEV45-1500/2	45	34,5	105	40	33 X 2	14 x 9	38	70	35	33 X 2
	90AEV50-1700/2	50	38,5	115	45	36 X 3	14 x 9	43	70	35	33 X 2
	90AEV55-1700/2	55	43	120	45	36 X 3	16 x 10	46	90	35	42 x 3
	90AEV60-1700/2	60	47	130	55	45 X 3	18 x 11	51	90	35	45 x 3
	90AEV65-1700/2	65	51	140	55	45 X 3	18 x 11	55	100	35	45 x 3
	90AEV70-2000/2	70	55	150	60	52 X 3	20 x 12	60	100	35	52 x 3



Rondella / Lock washer

CODICE CODE	DIAMETRO ASSE mm SHAFT DIAMETER mm	DIAMETRO INTERNO mm INSIDE DIAMETER mm	DIAMETRO ESTERNO mm OUTSIDE DIAMETER mm
90RBL025	25	17	35
90RBL030	30	21	46
90RBL035	35	25	51
90RBL040	40	25	56
90RBL045	45	34	66
90RBL050	50	38	76
90RBL055	55	41	81
90RBL060	60	46	91



Ogiva con zinco / Nose with zinc

CODICE CODE	DIAMETRO ASSE mm SHAFT DIAMETER mm	FILETTATURA THREADH	LUNGHEZZA mm LENGHT mm
900GIB025	25	M16 X1,5	58
900GIB030	30	M20 X 1,5	78
900GIB035	35	M24 X2	86
900GIB040	40	M24 X 2	96
900GIB045	45	M33 X 2	106
900GIB050	50	M36 X 3	115
900GIB055	55	M40 X 3	130
900GIB060	60	M45 X 3	140



Dado autobloccante / Self-lock nut

CODICE CODE	DIAMETRO ASSE / SHAFT DIAMETER mm	FILETTATURA / THREADH
99DAUT16	25	M16 x 1,5
99DAUT20	30	M20 x 1,5
99DAUT24	35	M24 x 2
99DAUT27	40	M27 x 2
99DAUT33	45	M33 x 2
99DAUT33	50	M33 x 2

Flange accoppiamento, tagliacime ed estrattori

Coupling flanges, rope cutters and propeller pullers

Flange accoppiamento in acciaio con foro conico o cilindrico disponibili per tutti gli invertitori in commercio, taglia cime circolari in acciaio e estrattori elica totalmente realizzati in metallo.

Coupling flanges with cylindrical or conic bore, available for all the gearboxes, circular rope cutter and metallic propeller pullers.



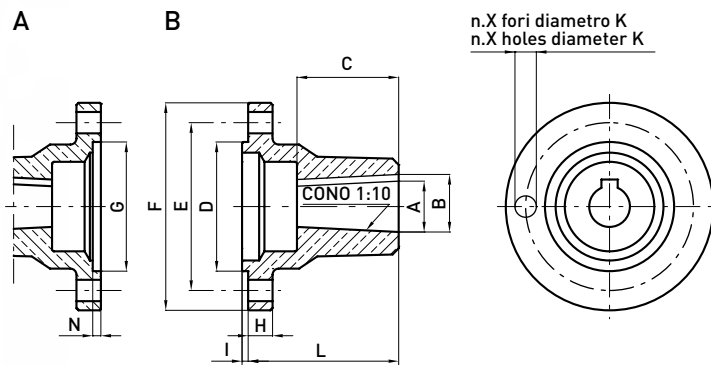
Tagliacime / Rope cutter

CODICE CODE	DIAMETRO ASSE mm SHAFT DIAMETER mm	DIAMETRO ESTERNO (mm) EXTERNAL DIAMETER (mm)	SPESSORE (mm) THICKNESS (mm)
90RC025	25	80	18
90RC030	30	80	18
90RC035	35	100	18
90RC040	40	100	18
90RC045	45	120	20
90RC050	50	120	20
90RC055	55	140	22
90RC060	60	140	22

Estrattori / Propeller puller

CODICE CODE	DIAMETRO ASSE mm SHAFT DIAMETER mm
90EXT025	25
90EXT030	30
90EXT035	35
90EXT040	40
90EXT045	45
90EXT050	50
90EXT055	55
90EXT060	60



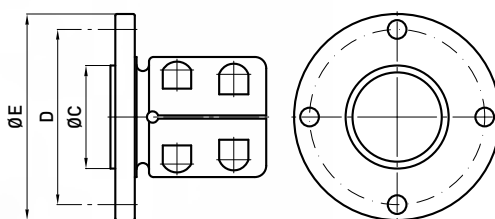


Flange accoppiamento con foro conico / Coupling flanges

CODICE CODE	TIPO TYPE	DIAMETRO ASSE mm SHAFT DIAMETER mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	L mm	N mm	X	K mm
U025MF2102	F2	25	50	63,45	82,5	102	63,5	12	3	74	4	4	10,5
U030MF2102		30	50	63,45	82,5	102	63,5	12	3	74	4		
U030MF3127	F3	30	50	63,45	107,95	127	63,5	12	3	74	4	4	11,5
U035MF4127	F4	35	60	63,45	107,95	127	63,5	14	3	91	4	4	11,5
U040MF4127		40	60	63,45	107,95	127	63,5	14	3	91	4		
U045MF5146	F5	45	75	76,22	120,65	146	76,27	16	3	117	4	6	16,25
U050MF5146		50	75	76,22	120,65	146	76,27	16	3	117	4		
U045MF6127	F6	45	75	63,45	107,95	127	63,5	16	3	117	5	4	11,5
U050MF6127		50	75	63,45	107,95	127	63,5	16	3	117	5		
U035MF7102	F7	35	60	63,45	82,5	102	63,5	14	3	91	4	4	10,5
U040MF7102		40	60	63,45	82,5	102	63,5	14	3	91	4		
U035MF8121	F8	35	60	63,45	98,42	121	63,5	14	3	91	4	6	11,5
U040MF8121		40	60	63,45	98,42	121	63,5	14	3	91	4		
U045MF9121	F9	45	75	63,45	98,42	121	63,5	16	3	117	5	6	12
U045MF9121		50	75	63,45	98,42	121	63,5	16	3	117	5		

TUTTE LE FLANGE SI POSSONO RICHIEDERE IN CONFIGURAZIONE FEMMINA DISEGNO (A) OPPURE MASCHIO DISEGNO (B)

COUPLINGS ARE AVAILABLE WITH FEMALE (A) OR MALE (B) SPIGOT



Flange accoppiamento a morsetto / Cylindrical coupling flanges

CODICE CODE	DIAMETRO ASSE SHAFT DIAMETER mm	E mm	C mm	NUMERO FORI HOLES NUMBER	D mm
U025102	25	102	63,5	4	82,5
U030102	30	102	63,5	4	82,5
U030127	30	127	63,5	4	107,95
U035102	35	102	63,5	4	82,5
U035127	35	127	63,5	4	107,95
U040127	40	127	63,5	4	107,95
U045127	45	127	63,5	4	107,95
U050127	50	127	63,5	4	107,95

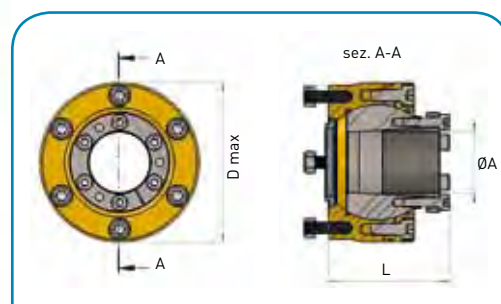
Giunti Sigmadrive™

Sigmadrive™ couplings



I Giunti omocinetici SIGMADRIVE™ hanno dimensioni compatte e sono in grado di resistere alla spinta dell' elica senza un gruppo di cuscinetti reggispira. Si installano semplicemente sostituendo la flangia standard che collega asse e invertitore.

SIGMADRIVE™ coupling are special CV joints able to resist to the propeller thrust without the need of thrust bearings. These couplings are very compact and can transmit higher torque than other couplings with similar dimension.



Giunto bruntons Sigmadrive / Bruntons Sigmadrive coupling

CODICE CODE	DIAMETRO ASSE SHAFT DIAMETER mm	LUNGHEZZA LENGHT mm	DIAM. MAX MAX DIAM. mm	COPPIA MASSIMA MAX TORQUE Nm	SPINTA MASSIMA MAX THRUST kg	DISALLINEAMENTO MAX MAX MISALIGNMENT °	FLANGIA INVERTITORE GEARBOX FLANGE
99SDRV_55	25	70	105	550	1200	3+3	ZF 4" KANZAKY 4" VOLVO 4" TWINDISC 4"
	30						
	35						
	1"						
	1"1/4						
	1"1/2						
99SDRV_55T	25 (CONO 1/10 TAPERED)	70	105	550	1200	3+3	ZF 4" KANZAKY 4" VOLVO 4" TWINDISC 4"
	30 (CONO 1/10 TAPERED)						
99SDRV_100	35	90	130	1000	1850	3+3	ZF 5" KANZAKY 5" TWINDISC 5"
	40						
	45						
	1"1/2						
	1"3/4						
99SDRV_100T	30 (CONO 1/10 TAPERED)	90	130	1000	1850	3+3	ZF 5" KANZAKY 5" TWINDISC 5"
	35 (CONO 1/10 TAPERED)						
	40 (CONO 1/10 TAPERED)						
99SDRV_150	40	100	130	2000	2500	3+3	ZF 5" KANZAKY 5" TWINDISC 5"
	45						
	50						
	1"3/4						
	2"						
99SDRV_150T	45 (CONO 1/10 TAPERED)	100	130	2000	2500	3+3	ZF 5" KANZAKY 5" TWINDISC 5"
99SDRV_300	45	140	160	3000	5000	3+3	ZF 5" 3/4
	50						
	70						
	2"						
	2"1/2						
99SDRV_300T	50 (CONO 1/10 TAPERED)	140	160	3000	5000	3+3	ZF 5" 3/4

Giunti di accoppiamento

Couplings

I giunti elastici sono studiati per inserire un vincolo elastico tra la flangia d'uscita dell'invertitore e la linea d'asse senza penalizzare il rendimento e la resistenza della trasmissione. I Giunti in polimero Isoflex sono disponibili in vari modelli per potenze che vanno dai 20 ai 2500 cv.

Elastic joints are designed for putting an elastic tie among the gearbox output flange and the shaft line without decreasing the output and the resistance of the transmission.

Isoflex couplings are available in various models for powers from 20 to the 2500 HP.



Giunti Isoflex / Isoflex couplings

CODICE CODE	FLANGIA DI MONTAGGIO COUPLING TYPE	IMBOLLETTAGGIO SPIGOT	DMAX	SPESSORE mm THICKNESS mm	INTERASSE FORI mm PCD mm	N° FORI HOLES NUMBER
IFC4200-95	KANZAKY	50 M	125	25	78	4
IFC4300-95	F2 / F7	63,5 M	125	25	82,5	4
IFC4500-95	F3 / F4	63,5 M	150	28,6	107,95	4
IFC4900-95	F5	95,25 M	175	36,6	120,6	4
IFC6000-95	F8 / F9	63,5 F	150	32	98,43	6
IFC6100-95	F6	76,2 F	160	38	120,6	6
IFC6400-95	F10	95,25 F	195	38	152,4	6



Giunti in gomma / Flexible joints

CODICE CODE	RINFORZATO REINFORCED	N° FORI HOLES NUMBER	INTERASSE FORI mm PDC mm	SPESSORE mm THICKNESS mm
A001140	NO	8	82,55	38,5
U001140	SI	8	82,55	44,6
U001150	SI	16	82,55/ 107,95	56,5

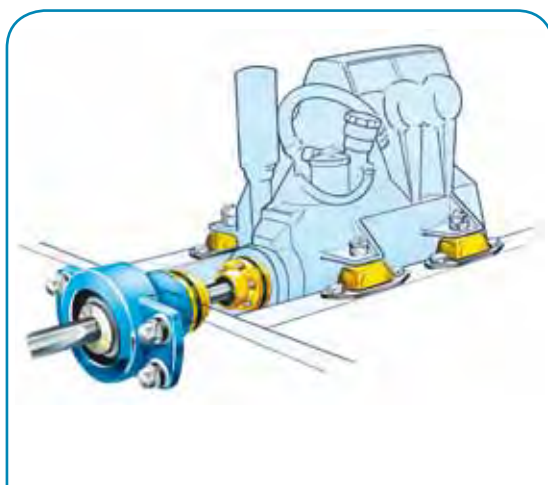


Giunti parastrappi / Damper plates

CODICE CODE	NUMERO DENTI TEETH NUMBER	DIAMETRO ESTERNO mm EXTERNAL DIAMETER mm
P95000809	26	151,5
P95000450	10	151,5
P95000839	10	121,5

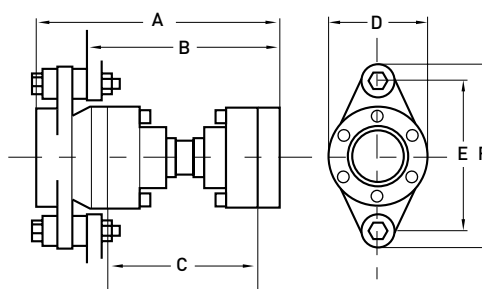
Sistemi reggispinta con giunto omocinetico

Thrust bearing system with cv joint



Giunto omocinetico A-flex / A-flex cv joints with thrust bearing

CODICE CODE	DENOMINAZIONE MODEL	PER DIAMETRO ASSE mm FOR SHAFT DIAMETER mm	SPINTA MASSIMA SULL'ELICA MAX PROPELLER THRUST N	COPPIA MASSIMA TRASM. MAX CONTINUOUS TORQUE Nm	DISALLINEAMENTO MASSIMO MAX ANGULAR DISPLACEMENT	NUMERO GIRI MAX MAX RPM
A099500	HD108	25, 30	4300	485	8°	5000
A099505	HD113	30, 35, 40, 45	10500	690	8°	5000
A099510	HD115	40, 45, 50	12500	800	8°	5000
A099515	HD125	35, 40, 45, 50, 55	18000	1100	8°	4000
A099520	HD130	40, 45, 50, 55, 60	25000	1800	8°	4000
A099540	HD142	40, 45, 50, 55, 60, 70, 80	38000	3300	8°	4000



Giunto omocinetico A-flex / A-flex cv joints with thrust bearing

		DIMENSIONI / DIMENSIONS					
CODICE CODE	DENOMINAZIONE MODEL	A mm	B mm	C mm	D mm	E mm	F mm
A099500	HD108	255	200	155	100	143	175
A099505	HD113	265	208	155	130	184	224
A099510	HD115	315	237	170	140	202	250
A099515	HD125	437	345	210	160	216	265
A099520	HD130	467	375	240	180	233	290
A099540	HD142	515	375	270	300*	300	370*

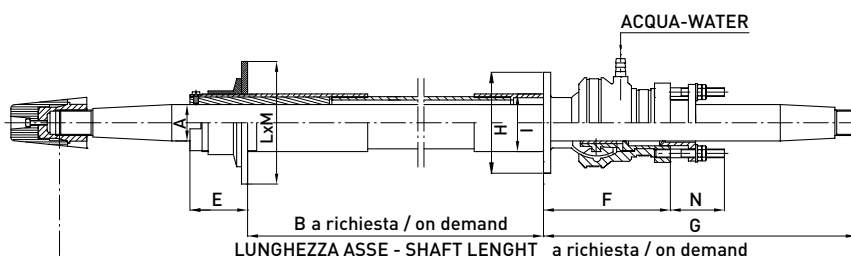
MODELLO HD142 PIASTRA REGGISPINTA RETTANGOLARE
HD142 THRUST BEARING RECTANGULAR FLANGE

Astucci passascafo

Stern tubes

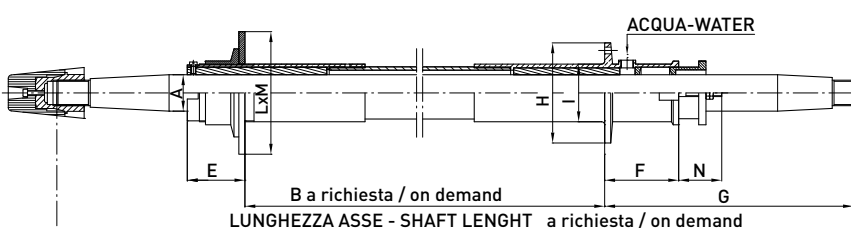
Gli astucci sono assemblati utilizzando lega OT.Man per le teste e i passascafo e OT 63 per i tubi. Si possono fornire astucci con testa prodiera rigida o semirigida o con le nuove teste con tenuta a doppio labbro.

The stern tubes are assembled using OT.Man alloy for the heads and the tubes to screw-on the hull and OT 63 for the pipes. Stern tubes can be supplied with rigid or semi-rigid stuffing boxes.



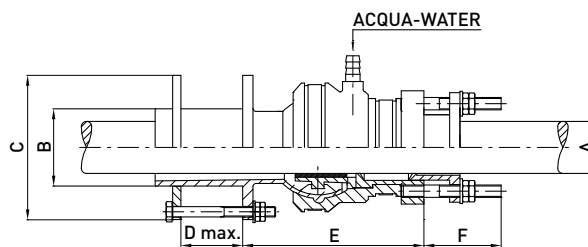
Astuccio serie leggera semirigido / Light series semirigid stern tube

CODICE CODE	DIAMETRO ASSE mm SHAFT DIAMETER mm	B mm	E mm	F mm	H mm	I mm	L X M mm	N mm	MIN LUNGHEZZA ASSE mm MIN SHAFT LENGTH mm
90BSR0250500	25	500	60	134	100	52	135X75	45	950
90BSR0300500	30	500	70	134	100	52	150X85	45	1000
90BSR0350600	35	600	80	150	120	62	175X95	75	1200
90BSR0400600	40	600	90	150	120	62	190X105	75	1250
90BSR0450600	45	600	95	176	140	74,5	205X115	75	1300
90BSR0500600	50	600	95	176	140	74,5	180X125	75	1350



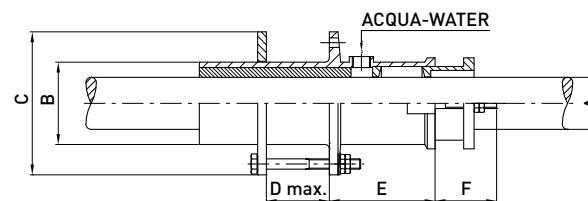
Astuccio serie leggera rigido / Light series rigid stern tube

CODICE CODE	DIAMETRO ASSE mm SHAFT DIAMETER mm	B mm	E mm	F mm	H mm	I mm	L X M mm	N mm	MIN LUNGHEZZA ASSE mm MIN SHAFT LENGTH mm
90BSL0250500	25	500	60	66	90	48	135X75	45	900
90BSL0300500	30	500	70	79	100	54	150X85	55	950
90BSL0350600	35	600	80	89	110	61	175X95	55	1150
90BSL0400600	40	600	90	99	120	67	190X105	70	1200
90BSL0450600	45	600	95	107	130	74	205X115	70	1250
90BSL0500600	50	600	95	112	140	80	180X125	70	1300
90BSL0500600	60	800	95	122	165	95	200X145	70	1550



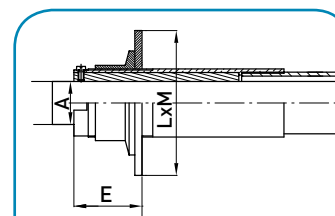
Testa prondiera semirigida / Semirigid head

CODICE CODE	A mm	B mm	C mm	D mm	E mm	F mm
90TSEM025	25	52	100	49	134	45
90TSEM030	30					
90TSEM035	35	62	120	63	150	75
90TSEM040	40					
90TSEM045	45	74,5	140	77	176	75
90TSEM050	50					



Testa prondiera rigida / Rigid head

CODICE CODE	A mm	B mm	C mm	D mm	E mm	F mm
90BSLTPR0025	25	48	90	25	66	45
90BSLTPR0030	30	54	100	40	79	55
90BSLTPR0035	35	61	110	40	89	55
90BSLTPR0040	40	67	120	50	99	70
90BSLTPR0045	45	74	130	55	107	70
90BSLTPR0050	50	80	140	115	112	70
90BSLTPR0060	60	95	165	140	122	70



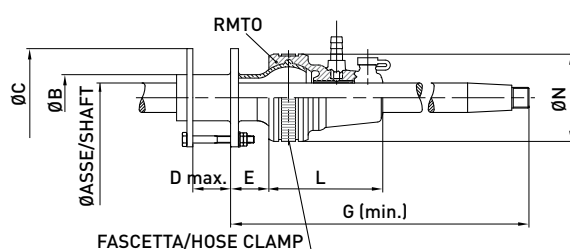
Testa poppiera rigida / Rigid stern head

CODICE CODE	DIAMETRO ASSE mm DIAMETER mm	E mm	L mm	M mm	FILETTO THREAD
90BSLTPOP025	25	60	135	75	39 x 1,5
90BSLTPOP030	30	70	150	85	45 x 1,5
90BSLTPOP035	35	80	175	95	48 x 1,5
90BSLTPOP040	40	90	190	105	54 x 1,5
90BSLTPOP045	45	95	205	115	61 x 2
90BSLTPOP050	50	95	180	125	67 x 2
90BSLTPOP060	60	95	165	140	86 x 2



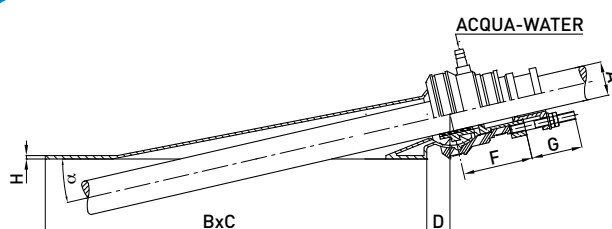
Manicotto in gomma per teste semirigide / Rubber sleeve for semirigid heads

CODICE CODE	DIAMETRO INTERNO MINIMO mm MINIMUM INTERNAL DIAMETER mm	DIAMETRO INTERNO MASSIMO mm MAXIMUM INTERNAL DIAMETER mm	LUNGHEZZA mm LENGTH mm
90MAGO25/30	45	58	79
90MAGO35/40	62	78	87
90MAGO45/50	70	85	105



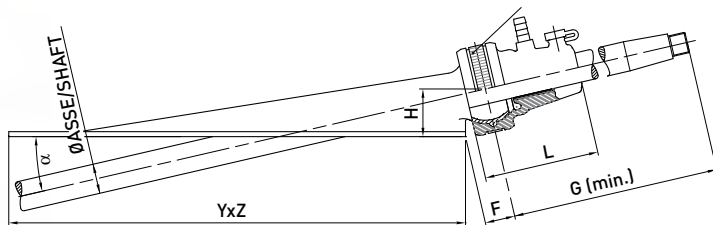
Testa semirigida RMTO / Semirigid head with RMTO revolving axial seal

CODICE CODE	DIAMETRO ASSE mm SHAFT DIAMETER mm	B mm	C mm	D mm	E mm	G MIN mm	L mm	N mm
90TSEM25MTO	25	52	100	49	134	400	111	89
90TSEM30MTO	30						116	
90TSEM35MTO	35	62	120	63	150	500	122	112
90TSEM40MTO	40						126	



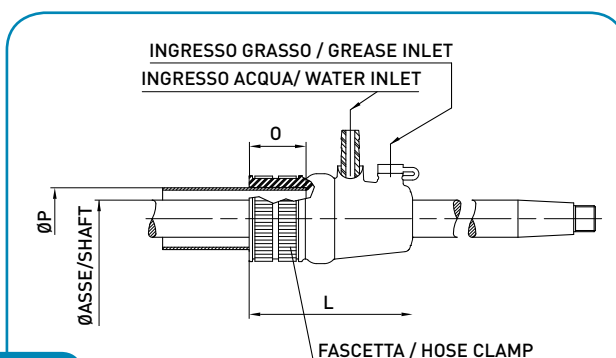
Premitreccia semirigida orientabile P.S.O. / Semi-rigid stuffing box P.S.O. Revolving type

CODICE CODE	A mm	α	B mm	C mm	D mm	F mm	G mm	H mm
90PPS025	25	9° - 17°	460	90	20	77	45	5
90PPS030	30	9° - 17°	460	90	20	77	45	5
90PPS035	35	11° - 17°	500	110	27	86	75	5
90PPS040	40	11° - 17°	500	110	27	86	75	5
90PPS045	45	11° - 15°	555	130	35	103	75	5
90PPS050	50	11° - 15°	555	130	35	103	75	5
90PPS055	55	10° - 15°	730	190	57	230	70	8
90PPS060	60	10° - 15°	730	190	57	230	70	8



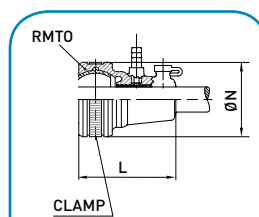
Passascafo base con tenuta RMTO / Semirigid box with RMTO revolving axial seal

CODICE CODE	DIAMETRO ASSE mm SHAFT DIAMETER mm	α	F mm	G MIN mm	L mm	H mm	Y X Z mm
90PPS025MTO	25	9° - 17°	25	400	111	48	460 X 90
90PPS030MTO	30				116		
90PPS035MTO	35	11° - 17°	30	500	122	60	500 X 110
90PPS040MTO	40				126		



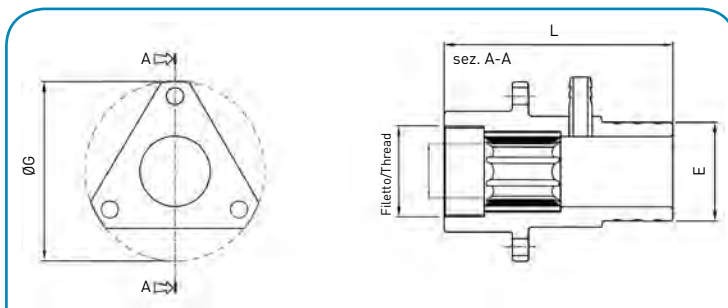
Tenuta assiale RMTA / Axial seal RMTA type

CODICE CODE	DIAMETRO ASSE mm SHAFT DIAMETER mm	P OTTONE mm	P RESINA mm	L mm	0 mm
90TR0220	22	39	42	111	38
90TR0250	25	39		111	38
90TR025R	25	45	48	116	38
90TR0300	30		54	123	38
90TR030R	30	54	60	129	38
90TR0350	35				
90TR035R	35				
90TR0400	40				
90TR040R	40				



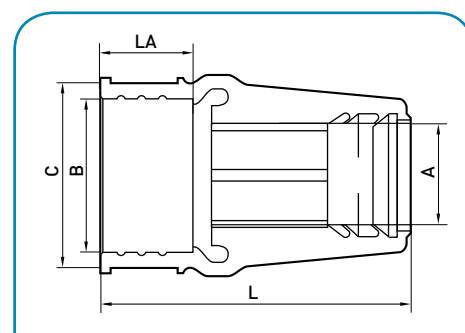
Tenuta assiale RMTO / Axial seal RMTO type

CODICE CODE	DIAMETRO ASSE mm SHAFT DIAMETER mm	L mm	N mm
90TMRM025	25	116	89
90TMRM030	30	116	89
90TMRM035	35	134	110
90TMRM040	40	134	110



Porta tenuta meccanica per stuffy box / Mechanical seal (stuffy box) adapter head

CODICE CODE	DIAMETRO ASSE SHAFT DIAMETER mm	E mm	L mm	G mm	FILETTO THREAD
90TPROSB025	25	43	107	89	39 x 1,5
90TPROSB030	30	49	114	89	45 x 1,5
90TPROSB035	35	55	131	109	48 x 1,5
90TPROSB040	40	60	138	109	54 x 1,5
90TPROSB045	45	65	161	119	61 x 2
90TPROSB060	50	70	167	119	67 x 2



Tenuta tipo stuffybox / Stuffybox propeller shaft sealing kit

CODICE CODE	A mm	B mm	B mm EVO	L mm	LA mm
MISURE IN MILLIMETRI / MILLIMETER SHAFT					
90TM025/025 EVO	25	42	42	105	36
90TM030/030 EVO	30	48	48	111	36
90TM035/035 EVO	35	54	54	119	36
90TM040/040 EVO	40	60	60	119	38
90TM045/045 EVO	45	64	64	119	38
90TM050/050 EVO	50	70	70	120	38
MISURE IN MILLIMETRI / MILLIMETER SHAFT					
90TM1/1 EVO	25,4	43	43	102	36
90TM114/114 EVO	31,75	49	52	119	36
90TM112/112 EVO	38,1	60	58	119	36
90TM134/134 EVO	44,45	64	64	119	36
90TM2/2 EVO	50,8	70	70	129	38

Tenuta Deep Sea Manecraft™

Deep Sea seal Manecraft™

La tenuta Deep Sea di Manecraft è facile da installare ed è un'alternativa ideale alle tenute tradizionali con baderna, non richiede regolazione o manutenzione.

La tenuta comprende due elementi principali, un anello stazionario e la tenuta rotante entrambe inseriti in cuffie di cloroprene resistente agli oli.

La superficie stazionaria della tenuta è realizzata con un solido anello in bronzo, avvolto in una cuffia di cloroprene fissata sul tubo astuccio con 2 fascette in acciaio inossidabile, la superficie rotante anche essa racchiusa in una cuffia in cloroprene viene fissata con fascette all'albero e compressa contro l'anello stazionario.

Manecraft Deep sea seals are easy to fit and are direct replacements for old style propeller shaft packed glands. They do not require packing, adjusting or maintaining.

The Manecraft seal comprises two main components: the stationary seat assembly and the rotating seal assembly, both moulded from tough, oil resistant chloroprene.

The stationary seat has a solid bronze ring bonded into it and is clamped onto the sterntube with two stainless clip, the rotating seal assembly is clamped into the shaft whilst being compressed against the seat.



Manecraft Deep Sea Seal small misure metriche / Metric range dimensions (mm)

CODICE CODE	DIAMETRO ASSE SHAFT DIAMETER mm	DIAMETRO ASTUCCIO STERN TUBE DIAMETER mm	LUNGHEZZA MASSIMA MAX OVERALL LENGHT mm	MAX VELOCITA' ASSE (STD SET) MAX SHAFT SPEED (STD SET) rpm	MAX VELOCITA' ASSE (HIGH SPEED SET) MAX SHAFT SPEED (HIGH SPEED SET) rpm
90JC2	25 - 30	35 - 43	131	1800	2950
90JC3	25 - 30	43 - 51	131	1800	2950
90JC4	30 - 35	43 - 51	131	1740	2850
90JC5	30 - 35	51 - 60	131	1740	2850
90JC6	35 - 41	51 - 60	131	1670	2750
90JC7	35 - 41	60 - 70	131	1670	2750
90JC10	41 - 43	70 - 80	131	1560	2600
90JC8	43 - 46	70 - 80	131	1560	2600
90JC9	46-51	70 - 80	131	1560	2600



Manecraft Deep Sea Seal large misure metriche / Metric range dimensions (mm)

CODICE CODE	DIAMETRO ASSE SHAFT DIAMETER mm	DIAMETRO ASTUCCIO STERN TUBE DIAMETER mm	LUNGHEZZA MASSIMA MAX OVERALL LENGHT mm	MAX VELOCITA' ASSE (STD SET) MAX SHAFT SPEED (STD SET) rpm	MAX VELOCITA' ASSE (HIGH SPEED SET) MAX SHAFT SPEED (HIGH SPEED SET) rpm
90JC14	55	70 - 80	137,5	1550	-
90JC15	60	80 - 90	137,5	1500	-
90JC16	65	90 - 100	137,5	1500	-



Manecraft Deep Sea Seal large misure imperiali / Imperial range dimensions (mm)

CODICE CODE	DIAMETRO ASSE SHAFT DIAMETER mm	DIAMETRO ASTUCCIO STERN TUBE DIAMETER mm	LUNGHEZZA MASSIMA MAX OVERALL LENGHT mm	MAX VELOCITA' ASSE (STD SET) MAX SHAFT SPEED (STD SET) rpm	MAX VELOCITA' ASSE (HIGH SPEED SET) MAX SHAFT SPEED (HIGH SPEED SET) rpm
90JC11	2" 1/4	3" 1/2	137,5	1550	-
90JC12	2" 1/2	3" 1/2	137,5	1500	-
90JC13	2" 3/4	4"	137,5	1500	-

Tenute meccaniche PSS & ERC™

PSS packless sealing system & ERC™

Le tenute frontali senza baderna garantiscono una perfetta tenuta tra le superfici piate di un rotore in acciaio solidale all' asse e un anello stazionario in carbonio che attraverso un manicotto in gomma (o gomma rinforzata) viene fissato al tubo astuccio.

The Packless sealing system is a mechanical face seal that is created between two parallel surfaces of the steel rotor and of the carbon stator.

The carbon stator is attached to a rubber (or reinforced rubber) bellow.



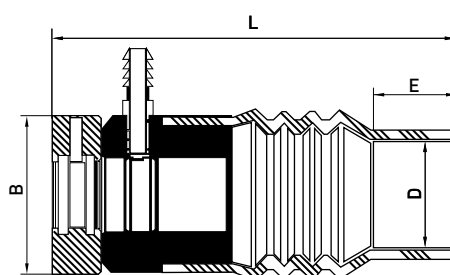
Tenuta ERC™ / ERC™ sealing system

CODICE CODE	DIAMETRO ASSE mm SHAFT DIAMETER mm	DIAMETRO ASTUCCIO mm TUBE DIAMETER mm	L mm	COMPRESSIONE mm COMPRESSION mm
ER_GV 25 41/46	25	41 / 46	153	14
ER_GV 25 53/62		53 / 62	153	14
ER_GV 1 41/46	25.4	41 / 46	153	14
ER_GV 1 53/62		53 / 62	160	10
ER_GV 30 41/46	30	41 / 46	158	14
ER_GV 30 53/62		53 / 62	165	10
ER_GV 30 64/70		64/70	165	10
ER_GV 114 41/46	31,75	41 / 46	158	14
ER_GV 114 53/62		53 / 62	165	10
ER_GV 35 53/62	35	53 / 62	165	10
ER_GV 35 64/70		64 / 70	163	10
ER_GV 35 75/84		75 / 84	173	14
ER_GV 112 53/62	38,1	53 / 62	165	10
ER_GV 112 64/70		64 / 70	163	10
ER_GV 112 75/84		75 / 84	173	14
ER_GV 40 53/62	40	53 / 62	167	10
ER_GV 40 64/70		64 / 70	165	10
ER_GV 40 75/84		75 / 84	175	14
ER_GV 134 53/62	44,45	64 / 70	167	10
ER_GV 134 64/70		75 / 84	177	14
ER_GV 45 64/70	45	64 / 70	167	10
ER_GV 45 75/84		75 / 84	177	14
ER_GV 50 75/84	50	75 / 84	179	14
ER_GV 50 88/93		88 / 93	189	14
ER_GV 50 94/100		94 / 100	189	14
ER_GV 2 75/84	50,8	75 / 84	179	14
ER_GV 2 88/93		88 / 93	189	14
ER_GV 2 94/100		94 / 100	189	14
ER_GV 55 75/84	55	75 / 84	196	14
ER_GV 55 88/93		88 / 93	206	14
ER_GV 55 94/100		94 / 100	206	14
ER_GV 214 75/84	57,15	75 / 84	196	14
ER_GV 214 88/93		88 / 93	206	14
ER_GV 214 94/100		94 / 100	206	14
ER_GV 60 88/93	60	88 / 93	206	14
ER_GV 60 94/100		94 / 100	206	14
ER_GV 60 104/114		104 / 114	256	25
ER_GV 212 88/93	63,5	88 / 93	206	14
ER_GV 212 94/100		94 / 100	206	14
ER_GV 212 104/114		104 / 114	256	25

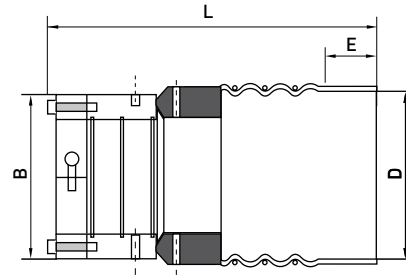


Tenuta PSS / Packless sealing system

CODICE CODE	DIAMETRO ASSE SHAFT DIAMETER mm	D STANDARD inches	L mm	L COMPRESSA L COMPRESSED mm	E mm	B mm
PSS02-025	25	1 1/4" - 1 1/2" - 1 3/4" - 2" - 2 1/4"	178	159	38,1	61
PSS02-030	30	1 1/4" - 1 1/2" - 1 3/4" - 2" - 2 1/4"	178	159	38,1	61
PSS02-035	35	1 3/4" - 2" - 2 1/4" - 2 1/2"	188	162	38,1	73
PSS02-040	40	2" - 2 1/4" - 2 1/2" - 2 3/4" - 3" - 3 1/4" - 3 1/2"	233	197	50,8	96
PSS02-045	45	2" - 2 1/4" - 2 1/2" - 2 3/4" - 3" - 3 1/4" - 3 1/2"	233	197	50,8	96
PSS02-050	50	2" - 2 1/4" - 2 1/2" - 2 3/4" - 3" - 3 1/4" - 3 1/2"	233	197	50,8	96
PSS02-055	55	2" - 2 1/4" - 2 1/2" - 2 3/4" - 3" - 3 1/4" - 3 1/2"	233	197	50,8	96
PSS02-060	60	3 1/4" - 3 1/2" - 3 3/4" - 4"	245	213	63,5	107
PSS02-070	70	4 - 4 1/4" - 4 1/2" - 4 3/4" - 5"	265	233	63,5	127
PSS02-080	80	4 - 4 1/4" - 4 1/2" - 4 3/4" - 5"	265	233	63,5	127
PSS02-090	90	4 1/2" - 4 3/4" - 5" - 5 1/4" - 5 1/2" - 5 3/4" - 6"	280	248	63,5	153
PSS02-100	100	5 1/2" - 5 3/4" - 6" - 6 1/4" - 6 1/2" - 6 3/4" - 7"	375	348	63,5	178



Diametro asse < di 100 mm
Shaft diameter < 100 mm



Diametro asse ≥ di 100 mm
Shaft diameter ≥ 100 mm



Tubo astuccio epoxy / Epoxy pipes

CODICE CODE	DIAMETRO INTERNO mm INSIDE DIAMETER mm	DIAMETRO ESTERNO mm OUTSIDE DIAMETER mm	LUNGHEZZA mm LENGHT mm
90TOVTR25	34	40	1200
90TOVTR30	39	45	1200
90TOVTR35	43	50	1200
90TOVTR40	47	55	1200
90TOVTR45	52	60	1200
90TOVTR50	57	65	1200

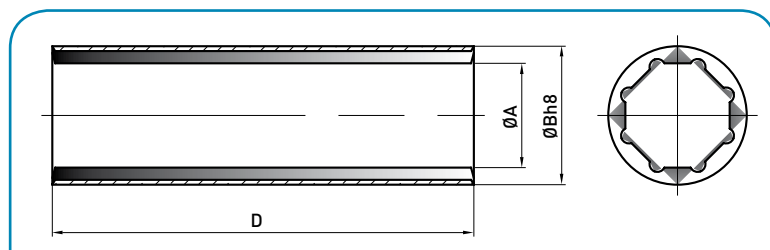
Boccole idrolubrificate

Water lubricated bearings

I materiali utilizzati per le boccole ammettono altissime velocità periferiche ed elevati carichi radiali garantendo economia di installazione e manutenzione. La copertura esterna può essere in ottone o in resina termoplastica.

Rubber bearings offer very low friction coefficient reducing and removing vibrations, resulting in less shaft wear and driveline damage.

The outer shell may be made in bronze or non-metallic resin.



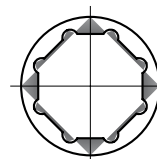
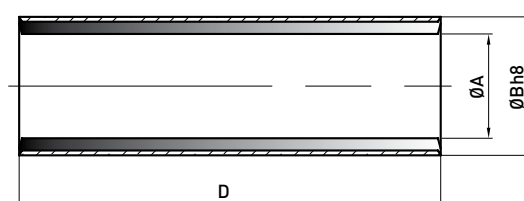
Boccole idrolubrificate - ottone gomma (millimetri)

Waterlubricated bearings - bronze outside pipes (millimeters)

CODICE CODE	A mm	B mm	D mm
91D020ARGO	20	31,75	76,2
91D022ACCI	22	31,75	76,2
91D025AGLI	25	31,75	100
91D025ALAS	25	38,1	100
91D028APRI	28	41,27	114,3
91D030ALBA	30	44,45	127
91D032ADRI	32	44,45	127
91D035BIEL	35	47,62	139,7
91D038BRIN	38	50,8	152,4
91D040BOLZ	40	53,97	165,1
91D045BARZ	45	60,32	177,8
91D050BAVE	50	66,67	203,2
91D055CALC	55	76,2	228,6
91D060CATA	60	82,55	241,3
91D065CAPR	65	85,72	266,7
91D070CAMP	70	95,25	279,4
91D075CODO	75	101,6	304,8
91D080COLO	80	101,6	304,8
91D085CORT	85	114,3	339,9
91D090COSE	90	114,3	355,6
91D095CAST	95	114,3	380
91D100DOMO	100	133,35	406
91D105DONG	105	133,35	406
91D110ENNA	110	139,7	431,8
91D115ESIN	115	139,7	457
91D120FANT	120	155,57	482,6
91D123BIGL	123	155,57	507
91D125FONT	125	155,57	507
91D135FORL	135	170	520

Boccole idrolubrificate - ottone gomma (pollici)
Water lubricated bearings - bronze outside pipes (inches)

CODICE CODE	A		B		D	
	INCH.	MM	INCH.	MM	INCH.	MM
9101ANCO	1	25,4	1 1/2	38,1	4	101,6
9103AOST	1 1/8	28,57	1 5/8	41,27	4 1/2	114,3
9104ARGE	1 1/4	31,75	1 3/4	44,45	5	127
9105BERG	1 3/8	34,92	1 7/8	47,62	5 1/2	139,7
9106BRES	1 1/2	38,1	2	50,8	6	152,4
9107BULL	1 5/8	41,27	2 1/8	53,97	6 1/2	165,1
9108BLEV	1 3/4	44,45	2 3/8	60,32	7	177,8
9108BARI	1 7/8	47,62	2 5/8	66,67	7 1/2	190,5
9110BOLO	2	50,8	2 5/8	66,67	8	203,2
9112CHIA	2 1/4	57,15	3	76,2	9	228,6
9113CAMO	2 3/8	60,32	3 1/4	82,55	9 1/2	241,3
9114CALT	2 1/2	63,5	3 1/4	82,55	10	254
9116CANT	2 3/4	69,85	3 3/4	95,25	11	279,4
9118CATT	3	76,2	4	101,6	12	304,8
9119CODR	3 1/4	82,55	4	101,6	12	304,8
9120CAMA	3 3/8	85,72	4 1/2	114,3	13 1/2	339,9
9121CANI	3 1/2	88,9	4 1/2	114,3	14	355,6
9122CORL	3 5/8	92,07	4 1/2	114,3	14	355,6
9123CAPU	3 3/4	95,25	4 1/2	114,3	15	380
9125DORM	4	101,6	5 1/4	133,35	16	406
9127EMPO	4 1/4	107,95	5 1/2	139,7	17	431,8
9129ELBA	4 1/2	114,3	5 1/2	139,7	17 1/2	444,5
9131FIOR	4 3/4	120,65	6 1/8	155,57	19	482,6



Boccole idrolubrificate resina gomma (millimetri)
Water lubricated bearings resin outside pipes (millimeters)

CODICE CODE	A mm	B mm	D mm
91RD25GALE	25	38,1	100
91RD30GARB	30	44,45	127
91RD35GEAR	35	47,62	140
91RD40GILG	40	53,97	166
91RD45GIVE **	45	60,32	178
91RD50GLIM **	50	66,67	200
91RD55GENE **	55	76,2	229
91RD60GATE **	60	82,55	242

** ESTERNO IN RESINA FENOLICA / PHENOLIC OUTSIDE PIPE



Boccole idrolubrificate resina gomma (millimetri in / out)
Waterlubricated bearings resin outside pipes (millimeters in / out)

CODICE CODE	DIAMETRO INTERNO mm INNER DIAMETER mm	DIAMETRO ESTERNO mm OUTSIDE DIAMETER mm	LUNGHEZZA mm LENGHT mm
91RDD25ARIE	25	40	100
91RDD30ACQU	30	45	127
91RDD35LEON	35	50	140
91RDD40TORO	40	55	166
91RDD45SAGI **	45	65	178
91RDD50SCOR **	50	70	200
91RDD55VERG **	55	75	229
91RDD60PESC **	60	80	242

** ESTERNO IN RESINA FENOLICA / PHENOLIC OUTSIDE PIPE



Tubi tela bachelizzata / Bakelite pipes

CODICE CODE	DIAMETRO INTERNO mm INNER DIAMETER mm	DIAMETRO ESTERNO mm OUTSIDE DIAMETER mm	LUNGHEZZA mm LENGHT mm
TB23421000	23	42	1000
TB28471000	28	47	1000
TB33521000	33	52	1000
TB36581000	36	58	1000
TB40651000	40	65	1000
TB45701000	45	70	1000
TB55901000	55	90	1000
TB651001000	65	100	1000
TB751051000	75	105	1000
TB851201000	85	120	1000
TB951401000	95	140	1000
TB1051501000	105	150	1000
TB1101501000	110	150	1000
TB1151601000	115	160	1000
TB1201501000	120	150	1000
TB1201751000	120	175	1000
TB1301901000	130	190	1000

Boccole idrolubrificate Caravel™

Caravel™ water lubricated bearings

Caravel

Le boccole in metallo e gomma Caravel™ sostituiscono i tradizionali cuscinetti dovunque vi sia la possibilità di raffreddamento con acqua. Sono composte da una parte metallica e un rivestimento in gomma. I canali di lubrificazione possono essere assiali o evolventi. Oltre alla struttura in metallo sono disponibili boccole con esterno in alluminio. Da oggi disponibili anche le nuove boccole completamente in resina acetica.

Caravel™ Water lubricated brass bearings can replace normal bearings where is possible a water cooling. Manufactured with a brass shell and rubber inside. We can supply also bearings with spiral flute and on request bearings with aluminum shell. Acetalic resin bearings without rubber inside are available too.



Boccole Caravel™ con camicia esterna in ottone serie as / am

Waterlubricated Caravel™ bearings as / am series with brass shell

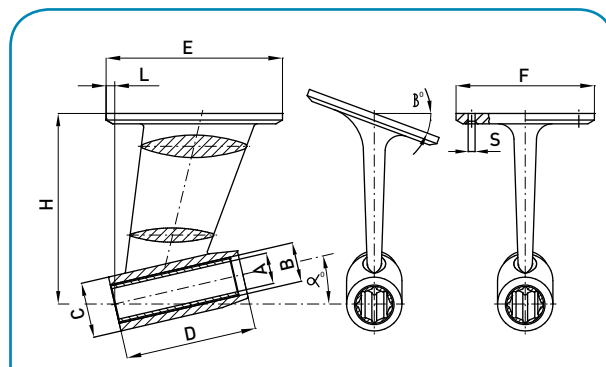
CODICE CODE	A mm	B mm	D mm	CODICE CODE	A mm	B mm	D mm
91DAS20	20	30	80	91DAM20	20	35	80
91DAS25	25	35	100	91DAM22	22	35	88
91DAS28	28	38	112	91DAM25	25	40	100
91DAS30	30	40	120	91DAM28	28	42	112
91DAS32	32	45	128	91DAM30	30	45	120
91DAS35	35	48	140	91DAM35	35	50	140
91DAS40	40	56	160	91DAM38	38	55	152
91DAS45	45	61	180	91DAM40	40	55	160
91DAS50	50	66	200	91DAM45	45	65	180
91DAS55	55	73	220	91DAM50	50	70	200
91DAS60	60	78	240	91DAM55	55	75	220
91DAS65	65	83	260	91DAM60	60	80	240
91DAS70	70	90	280	91DAM65	65	85	260
91DAS75	75	96	300	91DAM70	70	90	280
91DAS80	80	102	320	91DAM75	75	95	300
91DAS85	85	110	340	91DAM80	80	100	320
91DAS90	90	115	360	91DAM85	85	105	340
91DAS95	95	123	380	91DAM90	90	110	360
91DAS100	100	130	400	91DAM95	95	115	380
91DAS105	105	130	420	91DAM100	100	125	400
91DAS110	110	135	440	91DAM115	115	145	460
91DAS115	115	140	460	91DAM120	120	155	480
91DAS120	120	140	480				
91DAS125	125	150	500				

Supporti a base e a resinare

Platform and glass in brackets

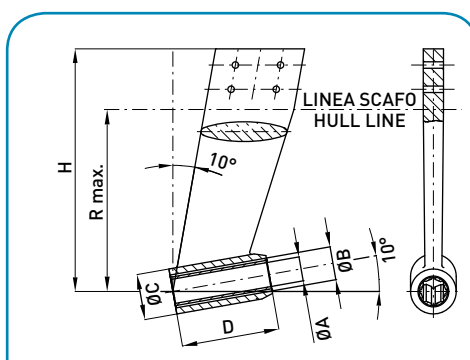
Supporti per asse portaelica a base per montaggio esterno e supporti a resinare per una maggiore flessibilità di installazione. I supporti vengono prodotti in lega OT.Man.

Platform brackets are used for external fixing to the ship's hull. Glass in brackets offer better flexibility in terms of installation. The P brackets are manufactured in OT.Man Alloy.



Supporti a base / Platform brackets

CODICE CODE	A mm	B mm	C mm	D mm	E mm	F mm	L mm	H max mm	n° fori n° holes	S mm
95D025	25	38,1	50	102	132	110	5	180	4	8
95D030	30	44,45	60	127	158	132	6	200	4	10
95D035	35	47,62	65	140	184	154	7	230	6	10
95D040	40	53,97	70	165	210	176	8	260	6	12
95D045	45	60,32	85	178	235	198	9	300	6	12
95D050	50	66,67	90	203	260	220	10	350	6	12
95D060	60	82,55	115	255	340	270	12	400	8	16
95D070	70	95,25	130	295	400	310	14	450	8	16
95D080	80	101,6	140	320	455	355	16	500	8	16
95D090	90	114,3	160	380	510	400	18	550	8	20
95D100	100	133,35	180	430	565	445	20	600	8	20



Supporti a resinare / Glass in brackets

CODICE CODE	A mm	B mm	C mm	D mm	R mm	H mm
95VTR025	25	38,1	48	102	200	400
95VTR030	30	44,45	58	127	200	400
95VTR035	35	47,62	62	140	245	450
95VTR040	40	53,97	70	165	245	450
95VTR045	45	60,32	80	178	315	550
95VTR050	50	66,67	88	203	315	550
95VTR060	60	82,55	113	255	400	670
95VTR070	70	95,25	130	295	450	750

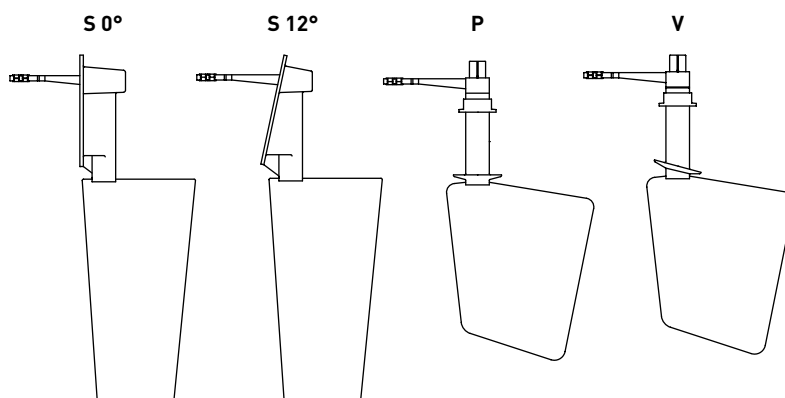
Timoni Rudders

I timoni standard sono disponibili in una vasta e completa gamma particolarmente adatta sia per scafi con carena a V che piana, il montaggio può essere eseguito sia sottoscafo che sullo specchio di poppa.
Per i disegni specifici prego contattarci.

Standard Rudders are available in a wide range and designed to suit each vessels requirements. For boats with v-shaped or flat keels, the mounting can be carried out externally under the vessel on the transom.
For specific drawings please contact us.



VERSIONE / TYPE



Timoni / Rudders

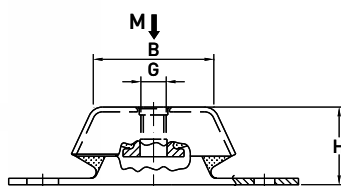
CODICE CODE	TIPO TYPE	DIAMETRO ASTA mm RUDDER STOCK mm	SUPERFICIE SURFACE dm ²	PESO Kg WEIGHT Kg
9612/6 P / V	12 / 6 P-V	30	5,77	10
9614/10 P / V	14 / 10 P-V	40	10,5	14
9614/10 S0 / S12	14 / 10 S0-S12	40	10,5	15
9616/7 P / V	16 / 7 P-V	40	7,17	12
9616/7 S0 / S12	16 / 7 S0-S12	40	7,17	12
9616/11 P / V	16 / 11 P-V	40	10,77	15,5
9616/11 S0 / S12	16 / 11 S0-S12	40	11,09	18
9616/13 P / V	16 / 13 P-V	40	12,8	17
9616/13 S0 / S12	16 / 13 S0-S12	40	13,1	19,5
9617/15 P / V	17 / 15 P-V	40	15	23
9617/15 S0 / S12	17 / 15 S0-S12	40	15	27
9625/11 P / V	25 / 11 P-V	40	10,77	16,5
9645/16 P / V	45 / 16 P-V	60	16,26	48
9645/19 P / V	45 / 19 P-V	60	18,21	51
9645/20 P / V	45 / 20 P-V	60	19,73	54
9643/20 P / V	43 / 20 P-V	60	20,03	45
9643/20 S0 / S15	43 / 20 S0-S15	60	20,03	46
9678/24 P / V	78 / 24 P-V	60	24,2	62
9636/30 P / V	36 / 30 P-V	70	30	110
9638/35 P / V	38 / 35 P-V	80	34,9	150
9638/40 P / V	38 / 40 P-V	80	41,53	160
9638/40 S0	38 / 40 S0	80	41,53	160
9638/50 P / V	38 / 50 P-V	80	50,68	170
9638/50 S0	38 / 50 S0	80	50,68	170

Antivibranti Trelleborg™

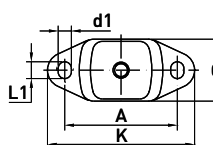
Trelleborg™ mountings

Trelleborg Leader mondiale tra i produttori di antivibranti è presente nel settore marino con una vasta gamma di elementi per il controllo delle vibrazioni.

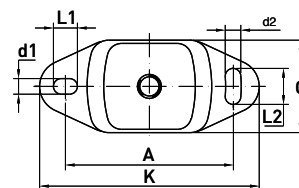
As a leading player in the dampner and noise vibrations control systems market, Trelleborg offers a wide variety of solutions and products.



A76140



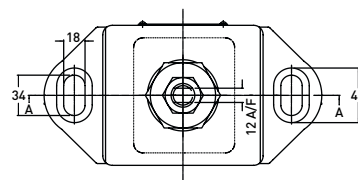
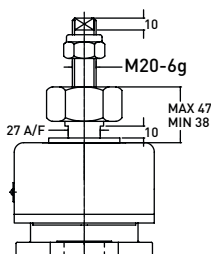
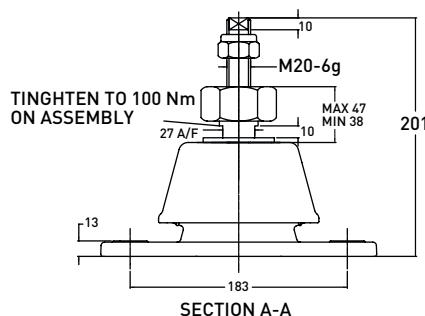
A76240 - A76440



Antivibrante Cushyfloat / Cushyfloat Mountings

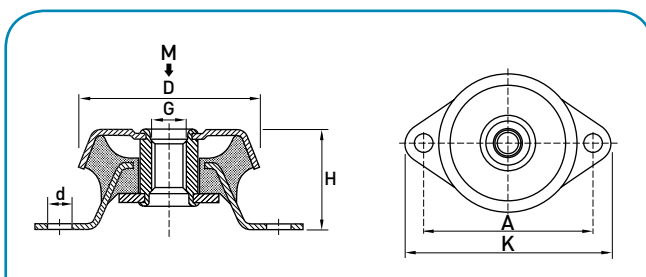
CODICE CODE	B mm	C mm	A mm	K mm	H mm	d1 mm	L1 mm	d2 mm	L2 mm	G mm	PESO (kg)	MAX LOAD M (kg)	MAX LOAD M* (kg)
A76140 . 45	60	60	100	120	38	11	14			M12	0,3	50	35
A76140 . 55												65	55
A76140 . 65												100	80
A76240 . 45	75	75	140	183	50	13	20	13	30	M16	0,9	150	95
A76240 . 55												210	140
A76240 . 65												300	210
A76240 . 75	80	112	182	230	70	18	26	18	34	M20	2,4	450	315
A76440 . 45												350	250
A76440 . 55												520	370
A76440 . 65												800	560
A76440 . 75												1000	700

M* CON SPINTA LONGITUDINALE / M* WITH LONGITUDINAL THRUST



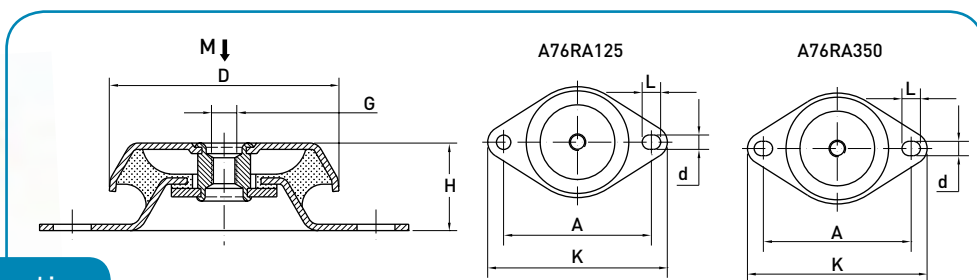
Antivibrante Cushyfloat HT / Cushyfloat HT Mountings

CODICE CODE	DUREZZA HARDNESS	PESO WEIGHT Kg	KV STATICO KV STATIC Kn/ mm	KV DINAMICO KV DINAMIC Kn/ mm	CARICO MAX. VERTICALE MAX VERTICAL LOAD Kn	MASSIMA COMPRESSIONE MAX COMPRESSION mm
TRB10-03146-01	45° Sh	6,2	1,6	1,85	5,6	4
TRB10-00695-01	60° Sh	6,2	3	3,9	10,5	4



Antivibrante RAB / RAB Mountings

CODICE CODE	D mm	A mm	H mm	K mm	d mm	G mm	PESO (kg)	MAX LOAD M (kg)
A76RAB 3	63	76	35	93,5	8,5	M12	0,22	70
A76RAB 2								105
A76RAB 0								130



Antivibrante RA / RA mountings

CODICE CODE	D mm	A mm	H mm	K mm	d mm	L mm	G mm	PESO (kg)	MAX LOAD M (kg)
A76RA125EM.60-12	84	110	35	135	10	15	M12	0,47	260
A76RA350EMA.60-16							M16		250
A76RA350EM.60-12	101	140-148	38	175	14	18	M12	0,74	450
A76RA350EM.60-16							M16		450



Perni / Bolts

CODICE CODE	DESCRIZIONE DESCRIPTION	COMPATIBILITÀ CON SUPPORTO COMPATIBLE WITH
A76PERN012/16	PERNO ANTIVIBRANTE M12/16 X100 CPL	A76140
A76PERN016	PERNO ANTIVIBRANTE M16X110 CPL	A76240
A76PERN016/20-HA	PERNO ANTIVIBRANTE M16/20X110 CPL HA	A76240
A76PERN016/20-HAD	PERNO ANTIVIBRANTE M16/20X110 CPL HAD	A76240
A76PERN020-SP	PERNO ANTIVIBRANTE M20 X135 CPL IVECO VERSION	A76440
A76PERN020/24	PERNO ANTIVIBRANTE M20/24 X130 CPL	A76440

Invertitori di marcia

Marine gearboxes



Invertitori di marcia Technodrive adatti per tutti gli impieghi, da quello professionale al diporto.
Per ogni prodotto sono disponibili diversi rapporti di riduzione.

Technodrive Marine Gearboxes can be used for all the applications in both the professional and leisure market sector. For each model we can offer a variety of different reduction ratios.



Tabella Potenze / Capacity table

MODELLO MODEL	RAPPORTO RATIOS	POTENZA TRASMISSIBILE KW (CV) INPUT POWER CAPACITY KW (CV)										VELOCITÀ MAX ENTRATA MAX INPUT SPEED	PESO WEIGHT		
		DIPOORTO PLESAURE				INTERMEDIO INTERMEDIATE				LAVORO WORK					
		2300	RPM	2800	RPM	2100	RPM	2800	RPM	1800	RPM			2100	RPM
TMC 40	1,45	26	[35]	26	[35]	24	[32]	26	[35]	18	[25]	21	[29]	4500	9
	2,00	21	[29]	26	[35]	17	[23]	23	[31]	13	[18]	15	[21]		
	2,60	17	[23]	21	[28]	13	[18]	18	[24]	9	[13]	11	[15]		
TMC 60	1,52	40	[55]	50	[68]	29	[40]	39	[53]	23	[31]	26	[36]	5000	14
	2,00	36	[49]	44	[60]	22	[30]	29	[40]	21	[28]	24	[33]		
	2,50	29	[39]	35	[48]	18	[24]	24	[32]	17	[23]	20	[27]		
	2,94	24	[33]	29	[40]	15	[20]	19	[26]	14	[19]	16	[22]		
TMC 345A	1,54	83	[112]	101	[137]	47	[64]	63	[85]	-	-	-	-	4500	25
	2,00	67	[91]	82	[111]	47	[64]	63	[85]	-	-	-	-		
	2,47	50	[68]	60	[83]	35	[48]	47	[64]	-	-	-	-		
TM 93	1,51	123	[167]	149	[203]	93	[127]	124	[169]	74	[100]	86	[117]	4500	53
	2,09	106	[144]	129	[176]	81	[110]	107	[146]	64	[87]	75	[102]		
	2,40	94	[128]	115	[156]	71	[97]	96	[130]	57	[78]	67	[91]		
	2,77	82	[112]	100	[136]	62	[85]	83	[113]	50	[68]	58	[79]		
TM 93A	1,51	113	[154]	138	[188]	79	[108]	106	[114]	-	-	-	-	4500	53
	2,09	94	[128]	115	[156]	66	[90]	88	[120]	-	-	-	-		
	2,40	82	[112]	101	[137]	57	[78]	76	[104]	-	-	-	-		
TM 170	1,50	180	[245]	220	[298]	134	[182]	178	[242]	104	[141]	121	[164]	4000	75
	2,04	180	[245]	220	[298]	134	[182]	178	[242]	104	[141]	121	[164]		
	2,50	144	[196]	176	[239]	107	[149]	143	[195]	83	[113]	97	[132]		
	2,94	123	[167]	150	[204]	92	[126]	124	[168]	72	[98]	84	[114]		
TM 880A	1,53	212	[288]	258	[350]	147	[200]	198	[270]	-	-	-	-	4000	54
	2,08	212	[288]	258	[350]	147	[200]	198	[270]	-	-	-	-		
TM 200	3,60	-	-	-	-	-	-	-	-	115	[156]	134	[182]	3000	235
	4,48	-	-	-	-	-	-	-	-	115	[156]	134	[182]		
TM 265	1,17	254	[346]	310	[422]	207	[281]	276	[375]	157	[213]	183	[249]	3000	165
	1,50	254	[346]	310	[422]	207	[281]	276	[375]	157	[213]	183	[249]		
	2,09	254	[346]	310	[422]	207	[281]	276	[375]	157	[213]	183	[249]		
	2,82	254	[346]	310	[422]	207	[281]	276	[375]	157	[213]	183	[249]		
TM 265A	1,50	254	[346]	310	[422]	207	[281]	276	[375]	-	-	-	-	3000	165
	2,09	236	[321]	287	[391]	192	[261]	256	[348]	-	-	-	-		
	2,42	215	[292]	262	[356]	174	[237]	232	[316]	-	-	-	-		
TMC 360	3,00	-	-	-	-	-	-	-	-	221	[300]	257	[350]	2600	415
	3,50	-	-	-	-	-	-	-	-	221	[300]	257	[350]		
	4,00	-	-	-	-	-	-	-	-	221	[300]	257	[350]		
	5,00	-	-	-	-	-	-	-	-	221	[300]	257	[350]		

Giranti Impellers

Le giranti flessibili sono la migliore soluzione per le esigenze di pompaggio nel settore nautico.
Tutte le giranti sono originali Johnson e complete di guarnizione coperchio e lubrificante.

Our flexible impellers offer the best solution for the demands of pumping in the marine field.
All the impellers are from Johnson and supplied complete with cover gasket and lubricant.



Giranti / Impellers

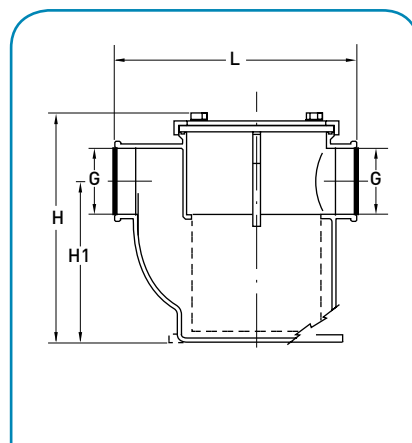
	CODICE CODE	POMPA ACQUA PUMP TYPE	MATERIALE MATERIAL	Ø ESTERNO mm EXTERNAL DIAMETER	LARGHEZZA mm WIDTH	Ø INTERNO mm INNER DIAMETER
	A09-1052S-9	F3	Nitrile	45,2	12,8	8,0 Piana /flat
	A09-806B	F35	Neoprene	40	19	9,5
	A09-808B	F35	Neoprene	40	19	12
	A09-810B	F4	Neoprene	50,8	22	12
	A09-810B-9	F4	Nitrile	50,8	22	12
	A09-1026B	F4	Neoprene	50,8	22	12,7
	A09-1026B-9	F4	Nitrile	50,8	22	12,7
	A09-801B	F5	Neoprene	57,1	31,5	15,9 chiavetta / Key
	A09-1027B	F5	Neoprene	57,1	31,5	Scanalata / splines
	A09-1027B-9	F5	Nitrile	57,1	31,5	Scanalata / splines
	A09-812B	F6	Neoprene	57,1	48,2	Scanalata / splines
	A09-1028B	F7	Neoprene	65	50,2	Scanalata / splines
	A09-1028B-9	F7	Nitrile	65	50,2	Scanalata / splines
	A09-821B	F75	Neoprene	65	80	Scanalata / splines
	A09-819B	F8	Neoprene	95	63	Scanalata / splines
	A09-1029B	F8	Neoprene	95	63	Scanalata / splines
	A09-802B	F9	Neoprene	95	88,5	Scanalata / splines
	A09-814B	F9	Neoprene	95	88,5	Scanalata / splines
	A09-820B	F95	Neoprene	95	130	Scanalata / splines

Filtri, prese a mare e valvole Guidi®

Guidi® Filters, Water intakes and Valves

Ottimi materiali ed elevato standard costruttivo per questi prodotti necessari per l'adduzione dell'acqua agli impianti di bordo. Le prese a mare sono proposte in differenti modelli per l'utilizzo anche su bassi fondali. I filtri si possono fornire con coperchio in polycarbonato per una veloce ispezione. Tra le novità la valvola antiblocco a doppia mandata corpo inclinato, con passaggio interno dritto che elimina ogni perdita di carico, l'elevata qualità di finitura permette di eliminare i blocchi dovuti a incrostazioni.

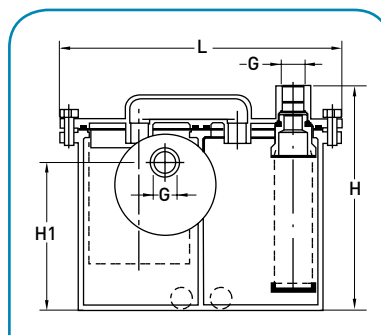
Excellent materials and high quality construction is standard for this product range. The water intakes are also offered in different models for use in shallow waters. The filters are supplied with polycarbonate covers for a fast inspection. A revolutionary double intake non-stick valve combines an inclined body and parallel "inner way" which ensures a 100% flow rate. attention to detail ensures corrosion levels are low in comparison to that usually caused by seawater.



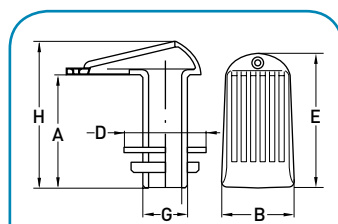
Filtro depurazione acqua mediterraneo / Water strainer "mediterraneo"

CODICE CODE	COPERCHIO IN BRONZO BRONZE COVER	COPERCHIO IN POLICARBONATO POLYCARBONATE COVER	G	PESO gr WEIGHT gr	H mm	H1 mm	L mm
1162-3/8		@	3/8"	1980	131	90	140
1162-1/2		@	1/2"	1960	131	90	140
1162-3/4		@	3/4"	3750	151	106	169
1162-1		@	1"	3830	151	106	169
1162-11/4		@	1"1/4	4600	176	122	177
1162-11/2		@	1"1/2	5700	204	146	211
1162-2		@	2"	7500	220	154	238
1162-21/2		@	2"1/2	12800	280	194	298
1162-3		@	3"	15800	292	205	312
1162-4		@	4"	21200	355	256	340
1163-3/8	@		3/8"	2240	131	90	140
1163-1/2	@		1/2"	2230	131	90	140
1163-3/4	@		3/4"	4050	151	106	169
1163-1	@		1"	4130	151	106	169
1163-11/4	@		1"1/4	5020	176	122	177
1163-11/2	@		1"1/2	6250	204	146	211
1163-2	@		2"	8250	220	154	238
1163-21/2	@		2"1/2	14000	280	194	298
1163-3	@		3"	17000	292	205	312
1163-4	@		4"	22400	355	256	340

Filtro carburante / Fuel strainer

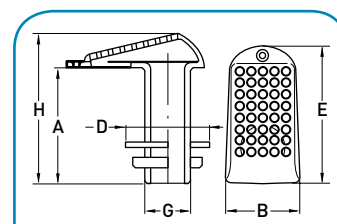


CODICE CODE	G	PESO gr WEIGHT gr	H mm	H1 mm	L mm
1165-1/2	1/2"	6500	205	130	250
1165-3/4	3/4"	10000	245	170	275



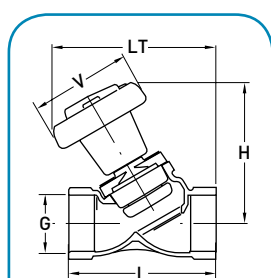
Pres a mare fresata serie speedy Grated water intake "speedy"

CODICE CODE	G	H mm	A mm	D mm	E mm	B mm
1114-3/8	3/8"	95	75	33	70	37
1114-1/2	1/2"	101	80	38	78	44
1114-3/4	3/4"	102	80	48	89	48
1114-1	1"	110	85	55	101	55
1114-1 1/4	1 1/4"	116	90	64	118	64
1114-1 1/2	1 1/2"	129	100	72	132	73
1114-2	2"	143	110	88	160	85



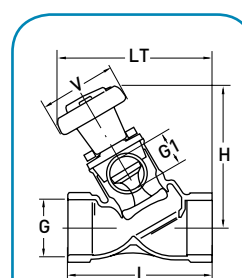
Pres a mare forata serie speedy Drilled water intake "speedy"

CODICE CODE	G	H mm	A mm	D mm	E mm	B mm
1115-3/8	3/8"	98	78	33	70	40
1115-1/2	1/2"	103	80	38	78	45
1115-3/4	3/4"	103	80	48	90	50
1115-1	1"	110	85	55	102	52
1115-1 1/4	1 1/4"	117	90	64	113	64
1115-1 1/2	1 1/2"	129	100	72	130	70
1115-2	2"	142	108	88	161	83



Valvola presa a mare "antiblocco" Safety intake "non-stick" valve

CODICE CODE	G	PESO gr WEIGHT gr	LT mm	V mm	H mm	L mm
2210-1	1"	1350	132	80	122	192
2210-1 1/4	1 1/4"	1450	135	80	124	112
2210-1 1/2	1 1/2"	2200	159	100	142	126
2210-2	2"	2650	164	100	142	148
2210-2 1/2	2 1/2"	5300	215	125	180	195
2210-3	3"	6200	216	125	185	206
2210-4	4"	9500	256	160	213	245



Valvola presa a mare "Antiblocco" a doppia mandata Safety double intake "Non-stick" valve

CODICE CODE	G	G1	PESO gr WEIGHT gr	LT mm	V mm	H mm	L mm
2250-212	2 1/2"	1 1/2"	7400	244	125	233	195
2250-3	3"	2"	8250	246	125	236	206
2250-4	4"	2 1/2"	13000	291	160	274	245

Tubi alimentazione e scarico gomma e pvc

Rubber and pvc hoses

Tubi in gomma semplici o spiralati adatti per l'alimentazione del carburante o per lo scarico dei gas combusti. La particolare struttura del prodotto permette di effettuare ridotti raggi di curvatura facilitando il montaggio. Tutti i tubi in gomma sono omologati dai principali enti di controllo italiani ed esteri.

Straight or spiralled suitable for loading diesel or fuel and also burned gas. The particular structure of the product reduces bending for easier and optimized assembly. All rubber Hoses are approved by the Italian and foreign naval registers.



Carbopomp / M15T

CODICE CODE	DIAMETRO ESTERNO EXTERNAL DIAMETER mm	RAGGIO CURVATURA BENDING RADIUS mm	PRESSIONE SCOPPIO BURST PRESSURE bar /PSI	LUNGHEZZA LENGHT mt
CARBOPUMP/M15T_25	37	250	→10 / → 150	20
CARBOPUMP/M15T_30	42	300	→10 / → 150	20
CARBOPUMP/M15T_32	44	320	→10 / → 150	20
CARBOPUMP/M15T_35	47	350	→10 / → 150	20
CARBOPUMP/M15T_38	52	380	→10 / → 150	20
CARBOPUMP/M15T_40	54	400	→10 / → 150	20
CARBOPUMP/M15T_45	59	450	→10 / → 150	20
CARBOPUMP/M15T_50	65	500	→10 / → 150	20
CARBOPUMP/M15T_61	74	600	→10 / → 150	20

Carbopomp / M050

CODICE CODE	DIAMETRO ESTERNO EXTERNAL DIAMETER mm	RAGGIO CURVATURA BENDING RADIUS mm	PRESSIONE SCOPPIO BURST PRESSURE bar /PSI	LUNGHEZZA LENGHT mt
CARBOPUMP/M050_6	16	35	→14/ → 210	20 / 40
CARBOPUMP/M050_8	17	50	→14/ → 210	20 / 40
CARBOPUMP/M050_10	19	60	→14/ → 210	20 / 40
CARBOPUMP/M050_12	22	75	→10 / → 150	20 / 40
CARBOPUMP/M050_16	26	100	→10 / → 150	20 / 40
CARBOPUMP/M050_19	30	115	→10 / → 150	20 / 40
CARBOPUMP/M050_25	35	140	→10 / → 150	20 / 40



Scamo / SP/CAJ

CODICE CODE	SPESSORE THICKNESS mm	RAGGIO CURVATURA BENDING RADIUS mm	PRESSIONE D'ESERCIZIO WORKING PRESSURE bar /PSI	PRESSIONE DI SCOPPIO BURST PRESSURE bar /PSI	LUNGHEZZA LENGHT mt
SCAMO/SP_25	4	25	3/45	9/135	20
SCAMO/SP_30	4	30	3/45	9/135	20
SCAMO/SP_32	4	32	3/45	9/135	20
SCAMO/SP_35	4	35	3/45	9/135	20
SCAMO/SP_40	4	40	3/45	9/135	20
SCAMO/SP_51	5	51	3/45	9/135	20
SCAMO/SP_60	5	60	3/45	9/135	20
SCAMO/SP_70	5	70	3/45	9/135	20
SCAMO/SP_80	5	80	3/45	9/135	20
SCAMO/SP_90	5	90	3/45	9/135	20
SCAMO/SP_102	5	152	3/45	9/135	20
SCAMO/SP_110	6	220	3/45	9/135	20
SCAMO/SP_120	6	240	3/45	9/135	20
SCAMO/SP_130	6	260	3/45	9/135	10 / 20
SCAMO/SP_142	6	285	3/45	9/135	10



Alimpomp / TR

CODICE CODE	SPESSORE THICKNESS MM	RAGGIO CURVATURA BENDING RADIUS MM	PRESSIONE D'ESERCIZIO WORKING PRESSURE bar/PSI	ASPIRAZIONE VACUUM bar	LUNGHEZZA LENGHT mt
ALIMPOMP/TR_20	3,5	50	5 / 75	0,8	30
ALIMPOMP/TR_25	4	75	5 / 75	0,8	30
ALIMPOMP/TR_30	4,2	90	4,5 / 67,5	0,8	30
ALIMPOMP/TR_32	4,2	95	4,5 / 67,5	0,8	30
ALIMPOMP/TR_35	4,5	105	4 / 60	0,8	30
ALIMPOMP/TR_38	4,5	115	4 / 60	0,8	30
ALIMPOMP/TR_40	4,5	120	3 / 45	0,8	30
ALIMPOMP/TR_45	5	135	3 / 45	0,8	30
ALIMPOMP/TR_51	5	150	3 / 45	0,8	30
ALIMPOMP/TR_60	6	180	2,5 / 37,5	0,7	30
ALIMPOMP/TR_63	6	190	2,5 / 37,5	0,7	30
ALIMPOMP/TR_70	6,5	210	2 / 30	0,7	30
ALIMPOMP/TR_75	7	225	2 / 30	0,7	30
ALIMPOMP/TR_80	7	240	2 / 30	0,7	30
ALIMPOMP/TR_100	7	300	2 / 30	0,6	30

Telecomandi Controls

Telecomandi monoleva e bileva adatti a qualsiasi tipo di motore, per il controllo del gas e dell'invertitore. Tutti i telecomandi sono disponibili in versione per montaggio a consolle o a paratia. È disponibile una ampia gamma di accessori per l'installazione.

Remote controls with single or double lever suitable for all makes of engines, for the speed control and for the gearbox. All the remote controls are available for console or side installation. A wide range of accessories and extras are available for each installation.



Telecomandi montaggio a consolle / Top mount controls

CODICE CODE	MODELLI MODELS	DESCRIZIONE DESCRIPTION
A 065001	A80	monoleva per 1 motore
A 065601	MT3 SINGLE	telecomando TELEFLEX-MORSE MT3 singolo
A 065002	A80 L	monoleva per 1 motore con blocco di sicurezza
A 065003	A80 LT	monoleva per 1 motore con blocco di sicurezza e power trim
A 065004	A80 T	monoleva per 1 motore con power trim
A 065602	MT3 TWIN	telecomando TELEFLEX-MORSE MT3 doppio
A 065005	A80 D	doppia monoleva per 2 motori

Telecomandi monoleva montaggio a paratia Side mount single controls

CODICE CODE	MODELLI MODELS	DESCRIZIONE DESCRIPTION
A 065007	B80	monoleva modello standard
A 065006	B80 S	modello speciale per barche a vela

Telecomandi MTC / MTC controls

CODICE CODE	MODELLI MODELS	DESCRIZIONE DESCRIPTION
MTC0026001	001	monoleva MTC Top Mount a consolle
MTC0026002	002	bileva MTC Top Mount a consolle
MTC0026003	003	monoleva MTC a paratia
MTC0026004	004	bileva MTC a paratia



Accessori telecomandi / Controls fittings

CODICE CODE	MODELLI MODELS	DESCRIZIONE DESCRIPTION
A 30329	AL 7	terminale sferico A37 / ball joint A37
AL 12	AL 12	terminale cavo A312 [C2 - C7 - C8] / cable end A312
AL 13	AL 13	terminale fermafilo A313 [C4 - B14] / stop collar A313
A 30366	AL 14	terminale fermaguaina A314 / cable clamp block A314
A310906	AL 25	terminale A352 [C2 - C7 - C8] / clevis A325 [C2 - C7 - C8]
A 31649	A 31649	kit doppi telecomandi A323 / double station A323

Servizi a richiesta

Customized Services

Vi invitiamo a contattarci direttamente per la quotazione e la fornitura di eliche, linee d'asse e accessori di dimensioni particolari o non espressamente indicate nel catalogo. Grazie alla collaborazione con centri specializzati siamo in grado di riparare, modificare ed equilibrare dinamicamente eliche con diametro massimo di 1500 mm (59") Per tutte le richieste di dimensionamento eliche utilizzate i moduli delle prossime pagine per trasmetterci i dati della vostra imbarcazione.

We invite you to contact us for the quotation and the supply of propellers, shaft lines and accessories with particular dimensions or not expressly indicated in the catalogue.

Professional repair of various types of propellers: we can repair, modify and dynamically balance propellers with diameter up to 1500 mm (59") For all request of propeller sizing, please use the forms in the next pages to transmit us the data of your boat.

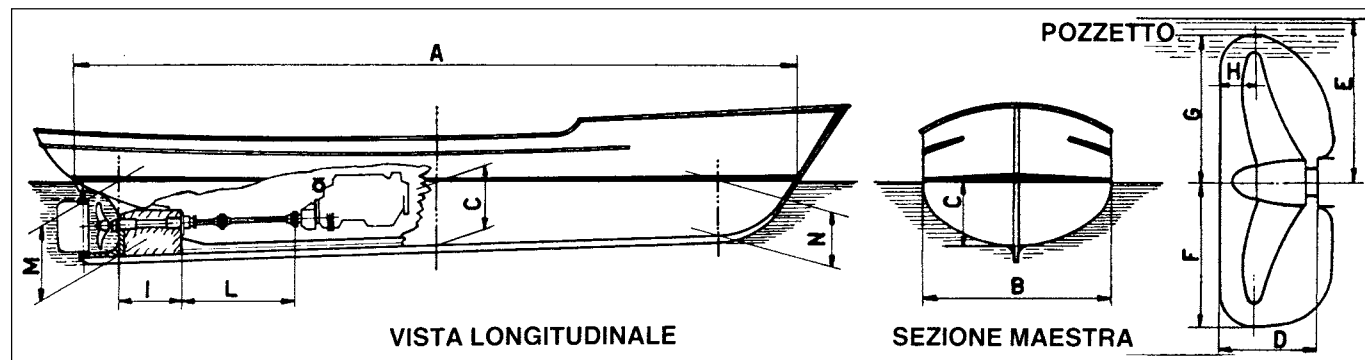
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Questionario n. 1 per il calcolo delle eliche
Questionary no. 1 for propellers calculation

Nome dell'imbarcazione Name of vessel		Impiego: Employment:	
Tipo costruzione Construction type		☐ diporto pleasure craft	☐ pesca a strascico trawling
Velocità di progetto Nodi Project speed knots	presunta Nodi estimated speed knots	☐ rimorchiatore tow-boat	☐ passeggeri passengers
Cliente: Customer		☐ pesca veloce quick fishing	☐ chiatta lighter
tel. _____			



A Lunghezza alla linea di galleggiamento, con carico max mt Water line lenght, with max. load mt		fuori tutto mt overall lenght mt	
B Larghezza alla linea di galleggiamento, con carico max mt Water line lenght, with max. load mt		fuori tutto mt overall lenght mt	
Immersione esclusiva la sottochiglia: a poppa M mt Draft, false keel excluded: stern M mt		al centro C mt centre C mt	a prua N mt bow N mt
Dimensione pozzetto in mt Prop. aperture dimensioni in mt	D	E	F
Dislocamento (Peso natante Ton. Displacement (Craft weight Ton.		+ carico massimo Ton. + max load Ton.	) = Ton.) = Ton.
Forma di carena:	☐ diporto pleasure craft	☐ normale normal	☐ piena solid
tipo di carena:	☐ dislocamento totale dis craft	☐ semiplanante normal	

MOTORE: marca Engine:	tipo type	potenza CV power HP	giri RPM
RIDUTTORE: marca Engine:	tipo type	rapporto riduzione reduction ratio	giri elica prop. RPM

Senso di rotazione elica vista da poppa a prua Propeller rotation seen from stern to bow ☐ SINISTRO/LEFT ☐ DESTRO/RIGHT	Dimensione cono asse (mm) Shaft dimension (mm) M = N = O = P = Q =	Dimensione mozzo elica (mm) Propeller hub dimensions (mm) A = B = C = D = E = F = G = H =
---	---	--

È richiesto il collaudo: ☐ di classe class ☐ solo materiale only material ☐ no no	Note: Note
Ente di collaudo richiesto: Requested test bureau:	

ELICA ATTUALE PRESENT PROPELLER Diametro N° pale Diameter Blades number Passo AS/AD Pitch AS/AD	RISULTATI PERFORMANCE OBTAINED Giri max motore Max engine rpm Velocità nodi Speed in knots
---	--

Questionario n. 2 per il calcolo delle eliche e delle linee d'assi per scafi a uno o due motori
Questionary no. 2 for the calculation of propellers and shaft lines for on or two-engines hull

Nome dell'imbarcazione
Name of vessel

Tipo costruzione
Construction type

Velocità di progetto Nodi
Project speed knots

velocità stimata Nodi
estimated speed knots

Cliente:
Customer

tel.

Impiego:
Employment:

☐ diporto
pleasure craft

☐ pesca veloce
quick fishing

☐ rimorchiatore
tow-boat

☐ trasporto passeggeri
passengers transport

	DUE MOTORI two engines	UN MOTORE one engine	
			A mt
			A1 mt
			B mt
			B1 mt
			C mt
			H mt

Dislocamento (Peso natante Ton.
Displacement (Craft weight Ton.

+ carico massimo Ton.
+ max load Ton.

) = Ton.
) = Ton.

D mm	E mm	F mm	G mm	H mm	I mm	L mm	M mm	O mm	$\beta^\circ =$

MOTORE: marca
Engine: mark

tipo
type

CV
HP

giri
RPM

RIDUTTORE: marca
Engine: mark

tipo
type

rapporto riduzione
reduction ratio

V-Drive: marca
mark

tipo
type

rapporto riduzione
reduction ratio

giri elica
prop. RPM

Senso di rotazione elica vista da poppa a prua Propeller rotation seen from stern to bow	Dimensione cono asse (mm) Shaft dimension (mm)	Dimensione mozzo elica (mm) Propeller hub dimensions (mm)
☐ SINISTRO/LEFT ☐ DESTRO/RIGHT 		

ELICA ATTUALE
PRESENT PROPELLER

Diametro
Diameter
Passo
Pitch

N° pale
Blades number
AS/AD

RISULTATI
PERFORMANCE OBTAINED

Giri max motore
Max engine rpm
Velocità nodi
Speed in knots

Questionario n. 3 per il calcolo delle eliche
Questionary no. 3 for propellers calculation

Nome dell'imbarcazione

Name of vessel

Tipo costruzione

Construction type

Velocità di progetto Nodi

Project speed knots

presunta Nodi

estimated speed knots

Cliente:

Customer

tel.

A Lunghezza alla linea di galleggiamento, con carico max mt
Water line lenght, with max. load mt

fuori tutto mt
overall lenght mt

B Larghezza alla linea di galleggiamento, con carico max mt
Water line lenght, with max. load mt

fuori tutto mt
overall lenght mt

Immersione esclusiva la sottochiglia: a poppa **M** mt
Draft, false keel excluded: stern **M** mt

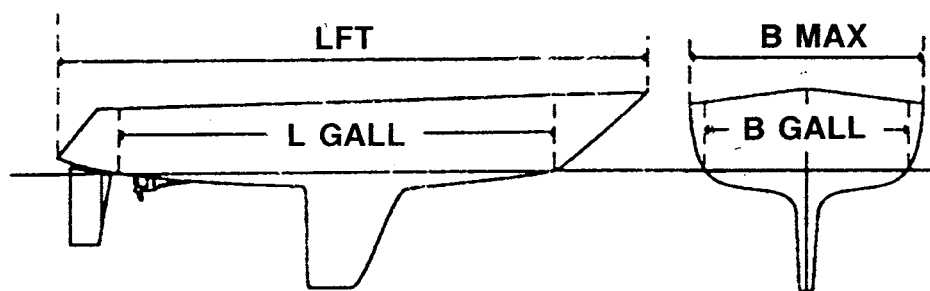
al centro **C** mt
centre **C** mt

a prua **N** mt
bow **N** mt

Dislocamento (Peso natante Ton.
Displacement (Craft weight Ton.

+ carico massimo Ton.
+ max load Ton.

) = Ton.
) = Ton.



NOTE:

MOTORE: marca
Engine:

tipo
type

potenza CV
power HP

giri
RPM

RIDUTTORE: marca
Engine:

tipo
type

rapporto riduzione
reduction ratio

giri elica
prop. RPM

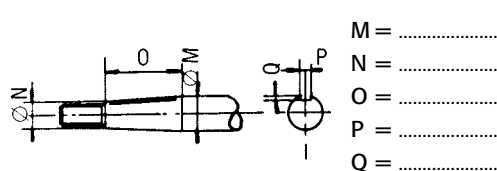
Senso di rotazione elica
vista da poppa a prua
Propeller rotation
seen from stern to bow

☐ SINISTRO/LEFT

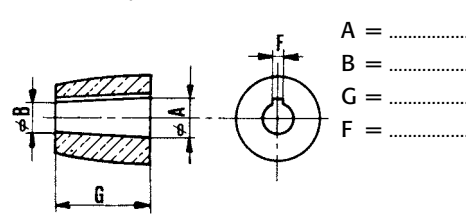
☐ DESTRO/RIGHT



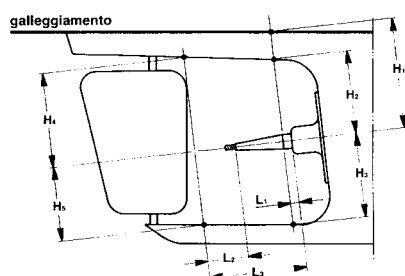
Dimensione cono asse (mm)
Shaft dimension (mm)



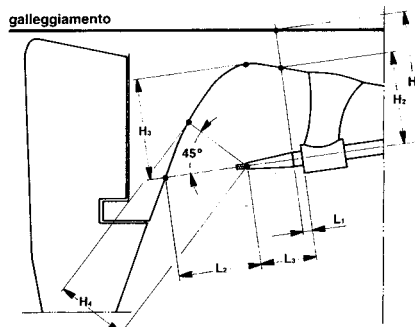
Dimensione mozzo elica (mm)
Propeller hub dimensions (mm)



DATI POZZETO ELICHE



H1
H2
H3
H4
H5
L1
L2



H1
H2
H3
H4
H5
L1
L2

Tabella conversione pollici - millimetri

Conversion table inches to mm

INCH	0"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"
0	0,00	3,18	6,35	9,53	12,70	15,88	19,05	22,23
1	25,40	28,58	31,75	34,93	38,10	41,28	44,45	47,63
2	50,80	53,98	57,15	60,33	63,50	66,68	69,85	73,03
3	76,20	79,38	82,55	85,73	88,90	92,08	95,25	98,43
4	101,60	104,78	107,95	111,13	114,30	117,48	120,65	123,83
5	127,00	130,18	133,35	136,53	139,70	142,88	146,05	149,23
6	152,40	155,58	158,75	161,93	165,10	168,28	171,45	174,63
7	177,80	180,98	184,15	187,33	190,50	193,68	196,85	200,03
8	203,20	206,38	209,55	212,73	215,90	219,08	222,25	225,43
9	228,60	231,78	234,95	238,13	241,30	244,48	247,65	250,83
10	254,00	257,18	260,35	263,53	266,70	269,88	273,05	276,23
11	279,40	282,58	285,75	288,93	292,10	295,28	298,45	301,63
12	304,80	307,98	311,15	314,33	317,50	320,68	323,85	327,03
13	330,20	333,38	336,55	339,73	342,90	346,08	349,25	352,43
14	355,60	358,78	361,95	365,13	368,30	371,48	374,65	377,83
15	381,00	384,18	387,35	390,53	393,70	396,88	400,05	403,23
16	406,40	409,58	412,75	415,93	419,10	422,28	425,45	428,63
17	431,80	434,98	438,15	441,33	444,50	447,68	450,85	454,03
18	457,20	460,38	463,55	466,73	469,90	473,08	476,25	479,43
19	482,60	485,78	488,95	492,13	495,30	498,48	501,65	504,83
20	508,00	511,18	514,35	517,53	520,70	523,88	527,05	530,23
21	533,40	536,58	539,75	542,93	546,10	549,28	552,45	555,63
22	558,80	561,98	565,15	568,33	571,50	574,68	577,85	581,03
23	584,20	587,38	590,55	593,73	596,90	600,08	603,25	606,43
24	609,60	612,78	615,95	619,13	622,30	625,48	628,65	631,83
25	635,00	638,18	641,35	644,53	647,70	650,88	654,05	657,23
26	660,40	663,58	666,75	669,93	673,10	676,28	679,45	682,63
27	685,80	688,98	692,15	695,33	698,50	701,68	704,85	708,03
28	711,20	714,38	717,55	720,73	723,90	727,08	730,25	733,43
29	736,60	739,78	742,95	746,13	749,30	752,48	755,65	758,83
30	762,00	765,18	768,35	771,53	774,70	777,88	781,05	784,23
31	787,40	790,58	793,75	796,93	800,10	803,28	806,45	809,63
32	812,80	815,98	819,15	822,33	825,50	828,68	831,85	835,03
33	838,20	841,38	844,55	847,73	850,90	854,08	857,25	860,43
34	863,60	866,78	869,95	873,13	876,30	879,48	882,65	885,83
35	889,00	892,18	895,35	898,53	901,70	904,88	908,05	911,23
36	914,40	917,58	920,75	923,93	927,10	930,28	933,45	936,63
37	939,80	942,98	946,15	949,33	952,50	955,68	958,85	962,03
38	965,20	968,38	971,55	974,73	977,90	981,08	984,25	987,43
39	990,60	993,78	996,95	1.000,13	1.003,30	1.006,48	1.009,65	1.012,83

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DELIVERY: Delivery terms are only indicative and consequently not binding. Possible delays for production problems, including raw materials shortage, damages of the machine-tools, strikes or other reasons beyond our control, don't give to Customers the right of delaying payments, cancelling confirmed orders or complaining damages of any kind.

SHIPMENT: Goods are at Customer's risk even if shipped free destination. We will not answer for possible delays, damages or losses occurred during the transport. we suggest to customers to check carefully the goods at the arrival.

COMPLAINTS: We can't accept complaints 8 days after goods receipt. we can not accept returned-goods without previous agreement. Any defected item will be replaced free of charge after our controls.

PAYMENTS: Must be addressed directly to us, according to the reached agreements. If we'll not receive the amount on the right expiring date, we'll be authorized to charge the customer with the interests on delayed-payment, and relative further expenses. We reserve the right to suspend or cancel the running-orders, for delayed payments.

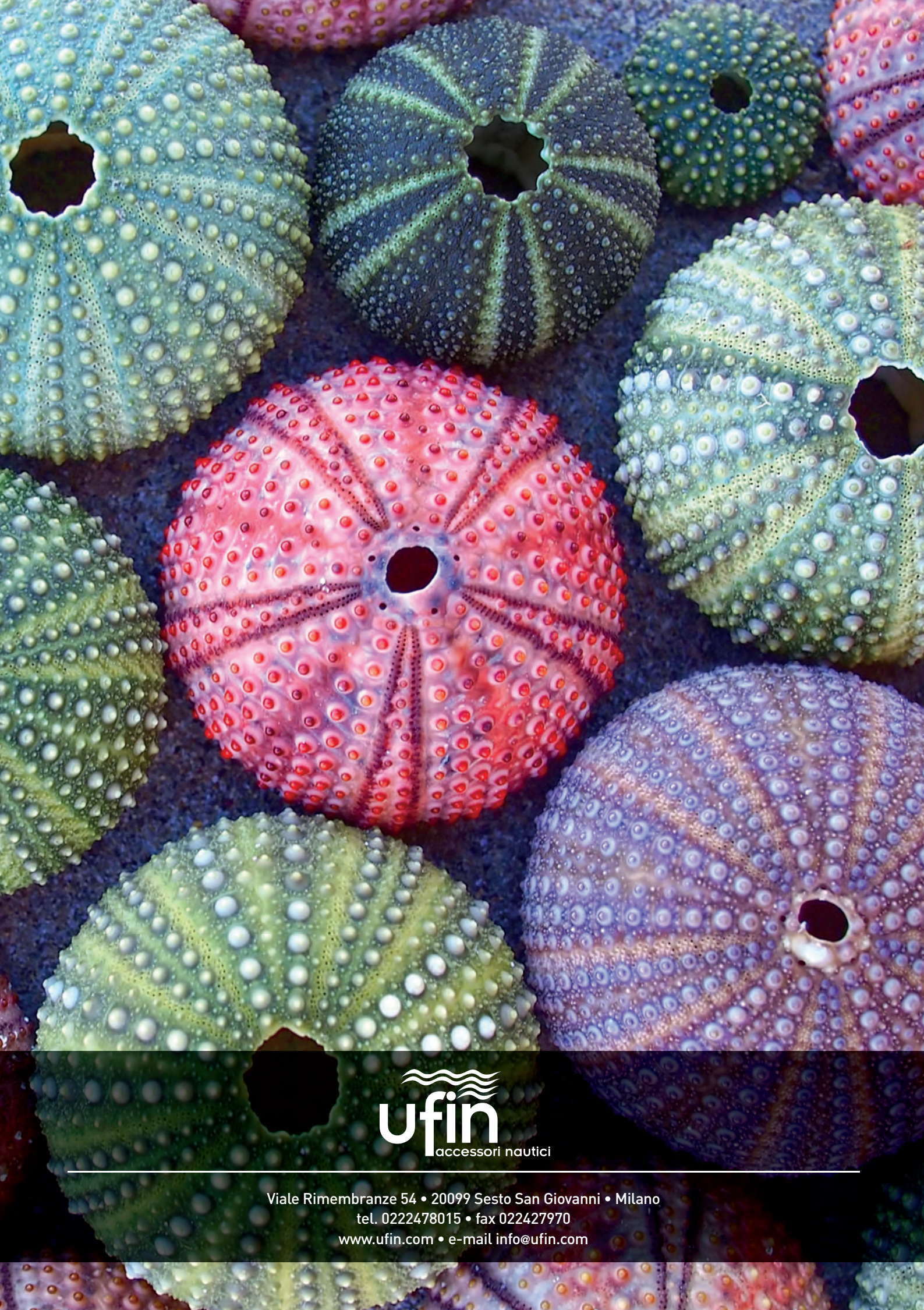
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