



# Bow and



# Stern Thruster Systems

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or phone 07 32651200 or 08 9355 3033

## Hydraulic Thrusters

The motor flange is installed on the thruster leg (3) and has the function to support the motor itself and fix it to the tunnel. It is built in a special alloy and has a strong structure to ensure the best stability.

The thruster leg is in bronze and has a special compact design to reduce the hydrodynamic resistance to a minimum and ensure a better efficiency.

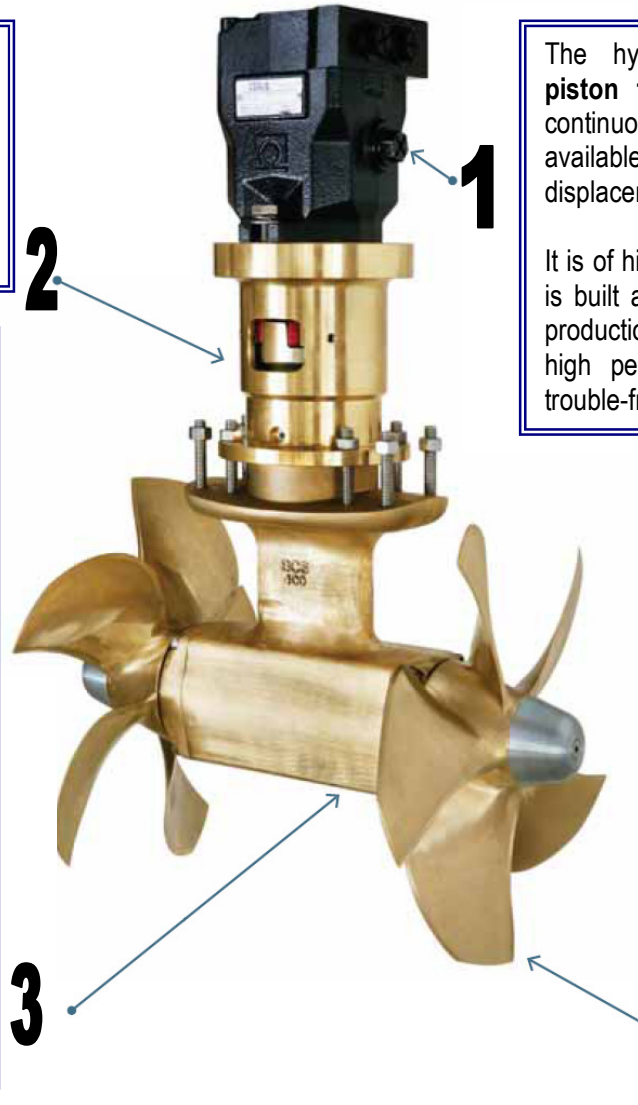
It is provided with two zinc anodes on the propeller hubs for protection against electrolytic corrosion. All the transmissions gears inside the leg are realized in highly resistant materials and are appositely treated to provide a long life even under heavy-duty working conditions.

Particular care was also given to their design, so as to considerably reduce the noise on all models.

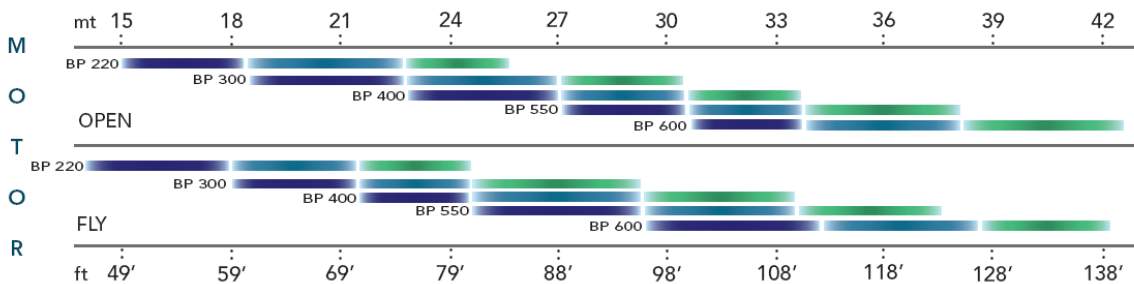
The hydraulic motor of the **piston type** is suitable for a continuous working and available in different displacements.

It is of high quality materials and is built according to the highest production standards ensuring a high performance and a long trouble-free life.

The propellers are in **NiBrAl**, a special bronze alloy highly resistant to effort and corrosion, suitable to work in a marine environment. The two counter-rotating propellers, turning in opposite directions, achieve higher thrust and ensure an equal thrust in both directions.



### WIND INFLUENCE



Condizioni vento - Wind conditions: ● Forte - Strong ● Moderato - Moderate ● Debole - Weak

# Selection Guide

		Unità di misura Measure	BP 220	BP 300	BP 400	BP 550	BP 600
Lunghezza barca* Typical boat size*	Open	mt • ft	13 - 24 • 42' - 78'	17 - 31 • 56' - 102'	20 - 35 • 65' - 115'	27 - 38 • 88' - 124'	29 - 43 • 95' - 141'
	Fly		15 - 23 • 49' - 75'	18 - 28 • 59' - 92'	21 - 33 • 69' - 108'	28 - 36 • 92' - 118'	30 - 41 • 98' - 134'
Spinta nominale Nominal thrust		Kgf • N lbs	220 • 2158 485	300 • 2943 661	400 • 3924 881	550 • 5886 1322	600 • 5886 1333
Tunnel I.D. Tunnel I.D.		mm in	250 9,83"	300 11,8"	355 14"	400 15,75"	450 17,72"
Potenza nominale Nominal power		KW Hp	18,7 25	28,5 38	35 47	48,5 65	60 82
Motore idraulico Hydraulic motor		cc in/cu	11 / 14 0,67 / 0,87	18 / 21 1 / 1,28	21 / 28 1,28 / 1,58	50 / 58 3 / 3,54	50 / 58 3,54
Peso Weight		Kg lb	24 53	35 77	45 99	75 165	85 189

