



Product Specifications sheet SH700

1. Performance:

Light duty thrust: (kg / lbs)	700 / 1543
Heavy duty thrust: (kg / lbs)	700 / 1543
Hydraulic power: (kW / hp)	45,2 / 60,6
Oil flow: (l/min / US g/min)	102 / 26,95
Δ P: (bar / PSI)	266 / 3858
Preferred motor option:	56ccm piston



- Actual performances will vary for each installation depending on several factors.
- Light duty: Typical leisure boat use. Docking mainly. Heavy duty: Commercial vessels with extended run times and in rougher condition.

			60 %		80 %		100 %	
Thruster model	Motor type		Flow	Pressure	Flow	Pressure	Flow	Pressure

SH 700	BA40	L/min -Bar	57,0	224	66,0	298	66,3	3021)
		USG-PSI	15,06	3248	17,44	4321	17,52	43791)
	BA45	L/min -Bar	63.7	196	73.5	261	78,8	3012)
		USG-PSI	16,83	2842	19,42	3785	20,82	43652)
	BA56	L/min -Bar	79,0	160	92.1	213	102	266
		USG-PSI	20,87	2320	24,33	3089	26,95	3857
	BA60	L/min -Bar	85.6	149	98.8	199	110,5	248
		USG-PSI	22,62	2161	26,10	2996	29,19	3596

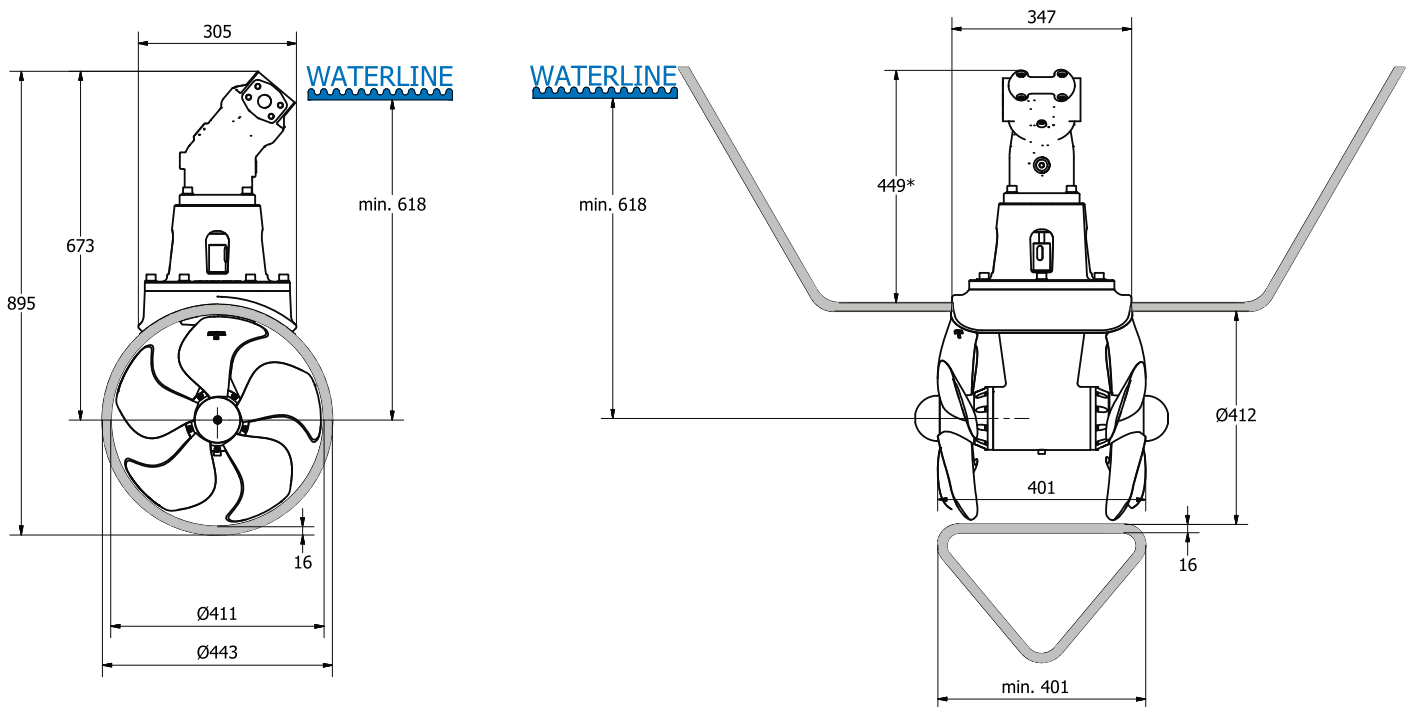




2. Technical details:

Motor type:	Hydraulic
Gear leg material:	Seawater resistant bronze
Gears:	Hardend precision gears
Lubrication:	Oil bath from tank (Gear oil)
Bearings:	Angular contact ball bearing at propeller shaft and combination of ball bearing and needle bearing at driveshaft.
Galvanic protection:	Galvanic separation from hull + anode outside protection
Motor bracket material:	Seawater resistant aluminium
Propellers:	5-blade low noise skew Q-prop™ bronze propeller
Mechanical safety:	Flexible coupling between hydraulic motor and driveshaft protects gear system if propeller gets jammed.

3. Measurements:





4. Maintenance:

- Seasonal service should include change of anodes and checking that all bolts are tighten(motor/ motor bracket - propeller). See User and Installation manual for more detailed information.
- Hydraulic motor: See User and Installation manual for more information.

5. Material hazards:

- Hydraulic Motor: There are no hazardous materials in this product, ref material declaration.
- Gearleg: Gear oil that needs to be kept away from fire.
- General precautionary measures must be taken during installation and inspections.

6. Health and safety:

- Gearleg and Hydraulic motor: The gearleg and Hydraulic motor is very powerful and precautionary measures must be taken considering rotating propeller. Gear oil is flammable and gasses from a fire is generally toxic.
- See Installation and User manual for more information.

7. Declaration of conformity:

Sleipner Motor AS hereby declare that following Side-Power SH thruster products complies with the EC Directives and Standards:

DECLARATION OF CONFORMITY

CE Sleipner Motor AS
P.O. Box 519, Arne Svendsensgt. 6-8
N-1612 Fredrikstad, Norway

Declare that this product with accompanying standard control systems complies with the essential health and safety requirements according to:

DIRECTIVE 2013/53/EU
DIRECTIVE 2014/30/EU
DIRECTIVE 2014/35/EU

Arne Skauen
.....

Arne K Skauen
Managing Director, Sleipner Motor AS



Sleipner Motor AS
P.O. Box 519,
N-1612 Fredrikstad, Norway
www.side-power.com



Confidence by Control

SIDE-POWER.com