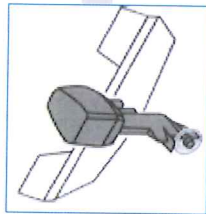
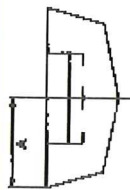


SIDE MOUNTING OUTBOARD CYLINDER
 • CYLINDER MOD. **OB-163SY**

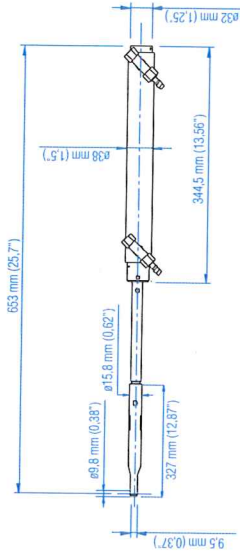


Dimensions

MINIMUM SPLASHWELL DIMENSIONS



Cylinder Model	Number of engines	A
OB-163SY	1	530mm 20.8 in.






TECHNICAL DETAILS

Model	Code	Stroke	Force at 70 bar/1000 psi	Volume	Engine power	Max. speed
OB-163SY	20928	203.0 mm 8.0 in.	455 - 562 Kgf 1003 - 1238 lbf	132.11 - 163.34 cc. 8.05 - 9.97 cu.in	300 Hp 221 Kw	85 Km/h 45 Kts

NOTE: The side mounting cylinder mod. OB-163SY is not suitable for installations where the boat max speed exceeds 110 Km/h (60 Kts) and for any application on racing boats.

Order Guide

System description	Components	Model	Code	Q.ty	Components	Model	Code	Q.ty
Single Engine/Single Cylinder 	System OB9 / Wheel turns 6.6 / 8.1				System OB9 / Wheel turns 5.3 / 6.5			
Side mounting cylinder	OB-163SY	20928		1	Side mounting cylinder	OB-163SY	20928	1
Basic steering helm	P20BAP	21173		1	Flanged steering helm	P25FLY	20915	1
Hose Kit	SH...	See on page 80-81 for codes		1	Hose Kit	SH...	See on page 80-81 for codes	1
Hydraulic oil	VG22	21334		3	Hydraulic oil	VG22	21334	3
Application up to: 300 Hp max	In case of additional station add:							
Basic steering helm	P20BAP	21173		1	Flanged steering helm	P25FLY	20915	1
Fittings kit		23376		1	Fittings kit		23376	1
Hose Kit	SH...	See on page 80-81 for codes		1	Hose Kit	SH...	See on page 80-81 for codes	1
Hydraulic oil	VG22	21334		1	Hydraulic oil	VG22	21334	1
Double Engine/Single Cylinder 	System OB10 / Wheel turns 4.4 / 5.4				System OB11 / Wheel turns 3.8 / 4.7			
Side mounting cylinder	OB-163SY	20928		1	Side mounting cylinder	OB-163SY	20928	1
Basic steering helm	P30BAP	21174		1	Flanged steering helm	P35FLY	20916	1
Hose Kit	SH...	See on page 80-81 for codes		1	Hose Kit	SH...	See on page 80-81 for codes	1
Hydraulic oil	VG22	21334		3	Hydraulic oil	VG22	21334	3
Tie bar	supplied by engine manufacturer	Not available		1	Tie bar	supplied by engine manufacturer	Not available	1
Application up to: 300 Hp max (non-counter rotating engines)	In case of additional station add:							
Basic steering helm	P30BAP	21174		1	Flanged steering helm	P35FLY	20916	1
Fittings kit		23376		1	Fittings kit		23376	1
Hose Kit	SH...	See on page 80-81 for codes		1	Hose Kit	SH...	See on page 80-81 for codes	1
Hydraulic oil	VG22	21334		1	Hydraulic oil	VG22	21334	1
Double Engine/Double Cylinder 	System OB12 / Wheel turns 3.1 / 3.8				System OB13 / Wheel turns 3.1 / 3.8			
Side mounting cylinder	OB-163SY	20928		2	Side mounting cylinder	OB-163SY	20928	2
Basic steering helm	P42BAP	21175		1	Flanged steering helm	P42FLY	20917	1
Hose Kit	SH...	See on page 80-81 for codes		2	Hose Kit	SH...	See on page 80-81 for codes	1
Hydraulic oil	VG22	21334		3	Hydraulic oil	VG22	21334	2
Tie bar	supplied by engine manufacturer	Not available		1	Tie bar	supplied by engine manufacturer	Not available	1
Application up to: 600 Hp max (non counter rotating engines)	In case of additional station add:							
Basic steering helm	P42BAP	21175		1	Flanged steering helm	P42FLY	20917	1
Fittings kit		23376		1	Fittings kit		23376	1
Hose Kit	SH...	See on page 80-81 for codes		1	Hose Kit	SH...	See on page 80-81 for codes	1
Hydraulic oil	VG22	21334		1	Hydraulic oil	VG22	21334	1

NOTE: For kit of hoses and fittings please see on page 80 and following.