



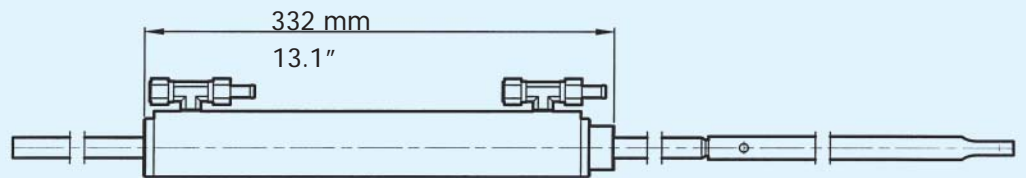
Balanced cylinder: the number of turns lock to lock is equal port to starboard or vice-versa



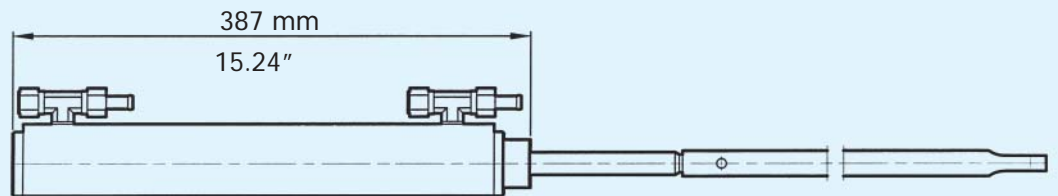
Unbalanced cylinder: the number of turns lock to lock is not equal port to starboard or vice-versa

STERNDRIVE CYLINDERS

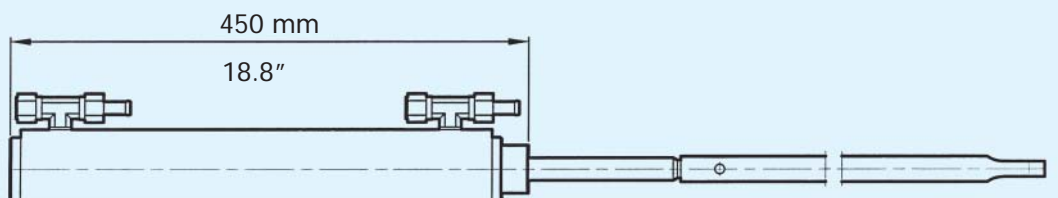
SPECIFICATIONS	UC133-IOB balanced	UC133-IOS non balanced	UC133-IOL non balanced
Volume	132 cc - - 8 cu. in	132 / 164 cc - - 8 / 10 cu.in	132 / 164 cc - - 8 / 10 cu.in
Torque	66 kgm - - 5738 lbs. in	66 / 81,6 kgm - - 5738 / 7091 lbs. in	66 / 81,6 kgm - - 5738 / 7091 lbs. in
Output force	455 kg - - 1003 lbs	455 / 562 kg - - 1003 / 1239 lbs	455 / 562 kg - - 1003 / 1239 lbs
Inside diameter	32 mm - 1.25"	32 mm - 1.25"	32 mm - 1.25"
Stroke	203 mm - 8"	203 mm - 8"	203 mm - 8"
Fittings	for 3/8" nylon tube	for 3/8" nylon tube	for 3/8" nylon tube



UC133-IOB



UC133-IOS



UC133-IOL

STERNDRIVE CYLINDERS

ENGINE MANUFACTURER	YEAR	MODEL	ULTRAFLEX IO CYLINDER	
			non power assist engine	power assist engine
BMW®	To date	All	UC133-IOL	UC133-IOL
MERCUISER®	1983 e prec. 1984 to date 1984 to date 1984 to date 1984 to date	MERCUISER I ALPHA BRAVO I BRAVO II BRAVO III	UC133-IOL UC133-IOB* UC133-IOB* UC133-IOB* UC133-IOB* <small>*Requires the Quicksilver® clevis (P. No. B98735A1)</small>	UC133-IOL UC133-IOL UC133-IOL UC133-IOL UC133-IOL UC133-IOL
OMC®	1985 e prec. 1986 to date 1986 to date	400/800 Series COBRA KING COBRA	N/D UC133-IOB* UC133-IOB* <small>*Requires an adapter supplied by engine manufacturer</small>	N/D IC133-IOS IC133-IOS
VOLVO®	to date to date to date to date 1992	275 280 290 DIESEL All	UC133-IOB UC133-IOL UC133-IOL UC133-IOL UC215-I	UC133-IOL UC133-IOL UC133-IOL UC133-IOL UC133-IOL
YAMAHA®	1989 to date	All	N/D	UC133-IOL

APPLICATION

NOTE: these recommendations should be used as general reference only and they apply to factory stock sterndrives only. In doubt, contact a qualified installation technician.

ORDER GUIDE

Maximum rudder torque 66 kgm 5739 lbs. in			Turns lock to lock balanced 4.7 unbalanced 4.7/5.8			Maximum rudder torque 66 kgm 5739 lbs. in			Turns lock to lock balanced 4 unbalanced 4/5		
Comp.	Model	Qty	Comp.	Model	Qty	Comp.	Model	Qty	Comp.	Model	Qty
Helm pump	UP28	1	Helm pump	UP33	1	Helm pump	UP33	1	Helm pump	UP33	1
Cylinder	see applications	1	Cylinder	see applications	1	Cylinder	see applications	1	Cylinder	see applications	1
3/8" nylon tube	TU95	on request	3/8" nylon tube	TU95	on request	3/8" nylon tube	TU95	on request	3/8" nylon tube	TU95	on request
Oil	OIL15	3	Oil	OIL15	3	Oil	OIL15	3	Oil	OIL15	1
Steering wheel	-	1	Steering wheel	-	1	Steering wheel	-	1	Steering wheel	-	1
<i>for additional station add:</i>						<i>for additional station add:</i>					
Helm pump	UP28	1	Helm pump	UP33	1	Helm pump	UP33	1	Helm pump	UP33	1
Fitting kit	KIT95-2S	1 (page 64)	Fitting kit	KIT95-2S	1 (page 64)	Fitting kit	KIT95-2S	1 (page 64)	Fitting kit	KIT95-2S	1 (page 64)
Oil	OIL15	1	Oil	OIL15	1	Oil	OIL15	1	Oil	OIL15	1
Extra tube	TU95	on request	Extra tube	TU95	on request	Extra tube	TU95	on request	Extra tube	TU95	on request
Steering wheel	-	1	Steering wheel	-	1	Steering wheel	-	1	Steering wheel	-	1

NOTE: 3/8" or 10 mm dia. copper tubing can be used as an alternative tubing for plumbing the system. For these applications a fitting kit - KIT95 or KIT100 - is required (see page 64)

