

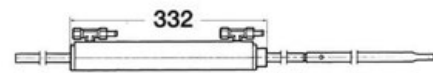
Hydraulic cylinder for inboard/outboard engines

Trimmed version. It matches pumps 45.280.00/01/02/03/33/04/07/08.

Applications						
Motor	Year	Model foot	Inboard-Outboard Cylinders			
			Non-servo-assisted engine	Notes	servo-assisted engine	notes.
MERCRUISER®	Current	ALPHA; BRAVO ONE; BRAVO TWO; BRAVO THREE.	UC133-IOB	1.3	UC132-OBS	2
VOLVO®	Until today;	275;	UC168-I;	-;	N/A;	-;
	Until today;	280;	UC133-IOB;	1, 3, 4;	UC132-OBS;	2;
	Until today;	290;	UC133-IOB;	1, 3, 4;	UC132-OBS;	2;
	Current;	DP-E;	UC133-IOB;	1, 3, 5;	UC133V-IOB;	-;
	Current;	DP-G;	N/A;	-;	UC133V-IOB;	-;
	Current;	DP-S	N/A	-	UC132-OBS	2

1. Trimmed cylinder (the total number of steering cycles is equal from either straight of right or vice-versa).
2. Non-trimmed cylinders (the total number of steering cycles is different between straight and left or vice-versa).
3. Minimum side space for installing cylinder: 540 mm (21.2").
4. ULTRAFLEX hydraulic cylinder can be installed only by replacing the mechanical steering gear with cable.
5. Installation requires VOLVO adaptor P.N. 872388.

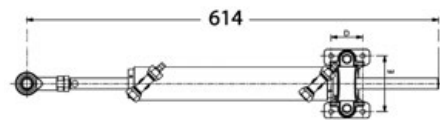
Code	Initials	Version	Torque Kgm	Thrust kg	Stroke mm	Volume cc	Torque kgm	Nylon pipe joints
45.286.01	UC-133-IOB	Trimmed cylinder	66	464	203	132	66	3/8"
45.282.03	UC-132-OBS	Non-trimmed cylinder	66	464	203	132/163	-	-
45.284.02	UC168-I	-	87	673	178	168	87	-



▲ 45.286.01; 45.282.03



▲ 45.284.02



▲ 45.284.02

Technical specifications and buying tips for steering systems 45.286.01/02/04.

Components	Model	Quantity	Notes
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System A - Revolutions from band to band: Balanced 4.7 - Unbalanced 4.7/5.8 Max torque: 66 kgm - 5738 lbs. in

-	45.280.01/02/03/33/04/07	1	For a second station add: 1 pump 45.280.01/07, 1 fittings kit KIT 45.290.15, 1 piping kit KIT 45.290.35/40/45/50/55/60/65/70/80, extra 45.027.01, 1 steering wheel.
-	See applications	1	
-	45.290.35/40/45/50/55/60/65/70/80	1	
-	45.027.01	4	
-	(Selection of steering wheels)	1	

System B - Revolutions from band to band: Balanced 4 - Unbalanced 4/5 Max torque: 66 kgm - 5738 lbs. in

-	45.280.02	1	For a second station add: 1 pump 45.280.02, 1 fittings kit KIT 45.290.15, 1 piping kit KIT 45.290.35/40/45/50/55/60/65/70/80, extra 45.027.01, 1 steering wheel.
-	See applications	1	
-	45.290.35/40/45/50/55/60/65/70/80	1	
-	45.027.01	4	
-	(Selection of steering wheels)	1	

Bulkhead troughout twin bush, waterproof

Code	Base color	For pipes
45.028.24	☐ white	Pass through
45.028.26	- Chromed	Pass through
45.028.28	☐ white	Twin connection
45.028.30	- Chromed	Twin connection

