



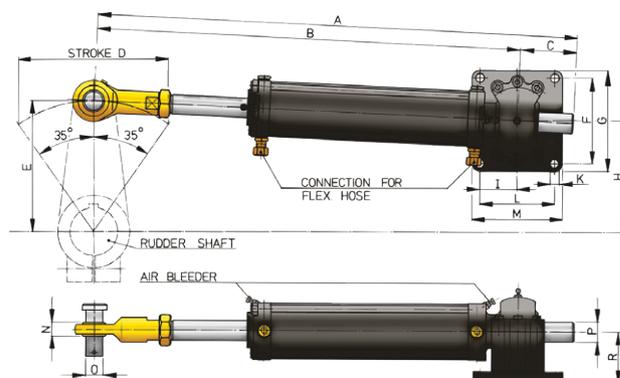
Heavy Duty Steering systems



MT1200B



MT0230B



MT0230B -MT1200B

Cylinder	A	B	C	D	E	F	G	H	I	K	L	M	N	O	P	R
MT0230B	733	607	127	200	175	112	140	143	36	11	72	100	31	25	28	55
MT0345B	933	757	177	300	260	112	140	215	36	11	72	100	31	25	28	55
MT0455B	1133	907	227	400	350	112	140	286	36	11	72	100	31	25	28	55
MT0600B	735	695	40	200	175	160	198	143	71,5	18,5	143	182	25	35	40	102
MT0900B	935	845	90	300	260	160	198	215	71,5	18,5	143	182	25	35	40	102
MT1200B	1135	995	140	400	350	160	198	286	71,5	18,5	143	182	25	35	40	102

Theoretical number of steering wheel turns from starboard to port

Pump unit	Cylinder					
	MT0230B	MT0345B	MT0455B	MT0600B	MT0900B	MT1200B
MTP089B	5.6	8.4	11.2	14.8	22.2	29.6
MTP151B	3.3	5.0	6.6	8.8	13.1	17.5
MTP191B	2.6	3.9	5.2	6.9	10.4	13.8

Technical data cylinders

	MT0230B	MT0345B	MT0455B	MT0600B	MT0900B	MT1200B
Max torque at 35° rudder angle	2207 Nm (225 kgm)	3335 Nm (340 kgm)	4415 Nm (450 kgm)	5886 Nm (600 kgm)	8829 Nm (900 kgm)	11772 Nm (1200 kgm)
Cylinder stroke	200 mm	300 mm	400 mm	200 mm	300 mm	400 mm
Max. pressure	6178 kPa (63 kg/cm ²) (896 lbs/sq.inch)					
Cylinder volume	500 cm ³	750 cm ³	1000 cm ³	1319 cm ³	1978 cm ³	2638 cm ³
Total rudder angle	70°					
Length of tiller arm	175 mm	260 mm	350 mm	175 mm	260 mm	350 mm
Weight of cylinder	13,8 kg	15,9 kg	18 kg	35,1 kg	38,8 kg	42,5 kg
Dimensions of tubes	Ø 18 x 15 mm					
Connections	All connections are provided with G 1/2 female pipe thread.					

Also available for single and dual steering

Type	Description
HS81B	Dual non-return valve (G1/2) (incl. tube connectors Ø 18 mm)
HS74B	Single non-return valve (G1/2) with by-pass valve (incl. tube connectors Ø 18 mm) (suitable for single and dual station)
HS42B	Pressure relief valve (G1/2) (incl. tube connectors Ø 18 mm)