Cylinder 5 stage front end with Outer Cover

CS170056233T19A11

**ALLOW 50mm TO REMOVE CAP FOR SERVICING

15° MAX

1526**

345 $^{+40}_{0}$ MOUNTING CENTRES*

190

80

R135

217

30° MAX

*Includes 12mm Pull Out

462

330

$\varnothing 60 ^{0}_{-.10}$

$\varnothing 60 ^{0}_{-.10}$

260

395

2X 1.25" BSP INLET PORT

Customer to fit 2 x 1/8" BSP nipples for greasing. NG5 or NG6
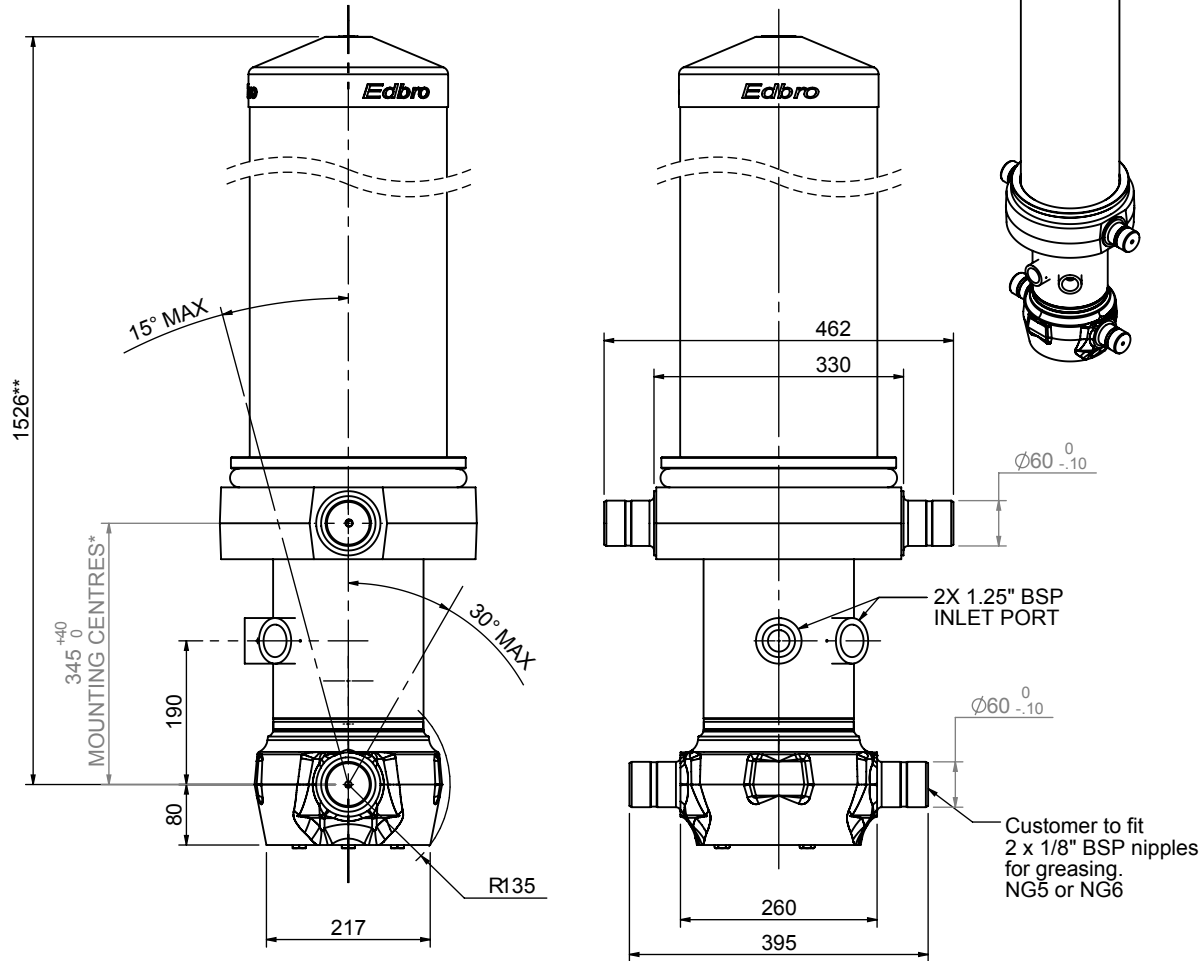
SPECIFICATION — RATED CAPACITY : 38-55 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	1145	-	-
0	199	1475	-	-
1	176	1440	1214	30
2	155	1440	1237	23
3	136	1440	1247	18
4	117	1440	1262	14
5	98	1440	1267	10
Final stroke reduced by	0	Total (+5/-10) 6227		95
Cylinder Mass (Kg)	297.12	Priming Volume		19
Rated Pressure (Bar)	175	Total Volume (Litres)		114
Maximum Pressure (Bar)	175	Max. first stage thrust		260 KN

***TIPPING CAPACITY AT RATED PRESSURE

d = 229 ; r = 900

δ

Body Length(BL)

L=BL/2-OH

r

θ

W

OH
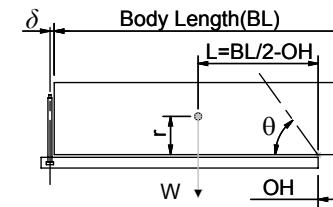
	BODY LENGTH (BL)						OH
	7500		8000		8500		
	43	49°	40	46°	38	43°	150
	48	51°	44	47°	41	44°	450
	55	53°	49	50°	45	46°	750

Tipping angle (θ)
Body + payload mass,W (tonne)

For guidance only;
Higher Rated Pressures may be possible. To check your application, email Edbro plc at <applications@edbro.co.uk>

NOTES

- If hydraulic pressure is used to limit overloading, the system relief valve must be set to the Rated Pressure unless agreed otherwise by Edbro
- The system relief valve can be set to Maximum Pressure if the load is limited by other means.See RATINGS page for advice
- This cylinder is for lifting purposes only and sideload conditions must be avoided
- Cylinder is painted in primer paint to RAL5013
- See bracket options page BRKT01, BRKT02
- See installation instructions INSTALL01
- Use oil according to specification OIL01

Edbro
SETTING THE INDUSTRY STANDARD