Cylinder 4 stage front end with plain eye

CS180E45566B19A01
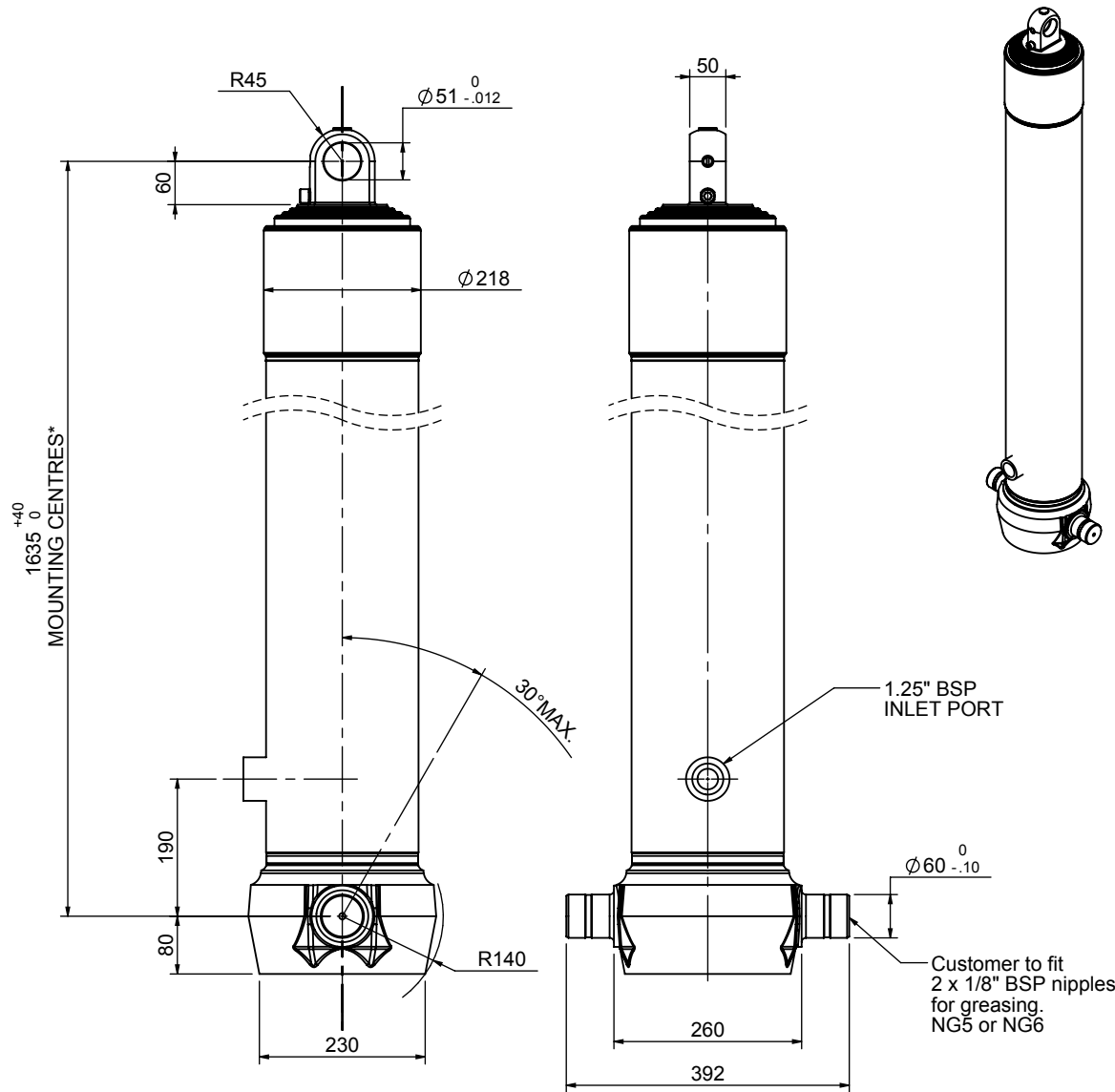
SPECIFICATION		RATED CAPACITY : 46-59 TONNES**		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
-	-	-	-	-
0	211	1625	-	-
1	188	1590	1367	38
2	167	1590	1387	30
3	147	1590	1397	24
4	127	1590	1412	18
Final stroke reduced by	0	Total (+5/-10)	5563	110
Cylinder Mass (Kg)	241.07	Priming Volume		26
Rated Pressure (Bar)	120	Total Volume (Litres)		136
Maximum Pressure (Bar)	175	Max. first stage thrust		260 KN

**TIPPING CAPACITY AT RATED PRESSURE

$d = 0$; $r = 900$
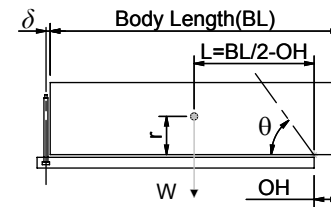
BODY LENGTH (BL)						OH
7000		7500		8000		
46	49°	43	45°	41	42°	150
52	51°	48	47°	45	44°	450
60	54°	53	50°	49	46°	750

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

R45
Ø 51 0 -.012
60
Ø 218
1635 +40 0 MOUNTING CENTRES*
30°MAX
190
80
230
R140
260
392
50
1.25" BSP INLET PORT
Ø 60 0 -.10
Customer to fit 2 x 1/8" BSP nipples for greasing. NG5 or NG6

*Includes 9mm Pull Out
Last Stage Chrome Plated

Technical Specifications are subject to change without notice
Date Created/Updated: 01 December 2009 14:51:03
Refer www.edbro.com to confirm latest specification
All dimensions are in 'mm', unless otherwise stated