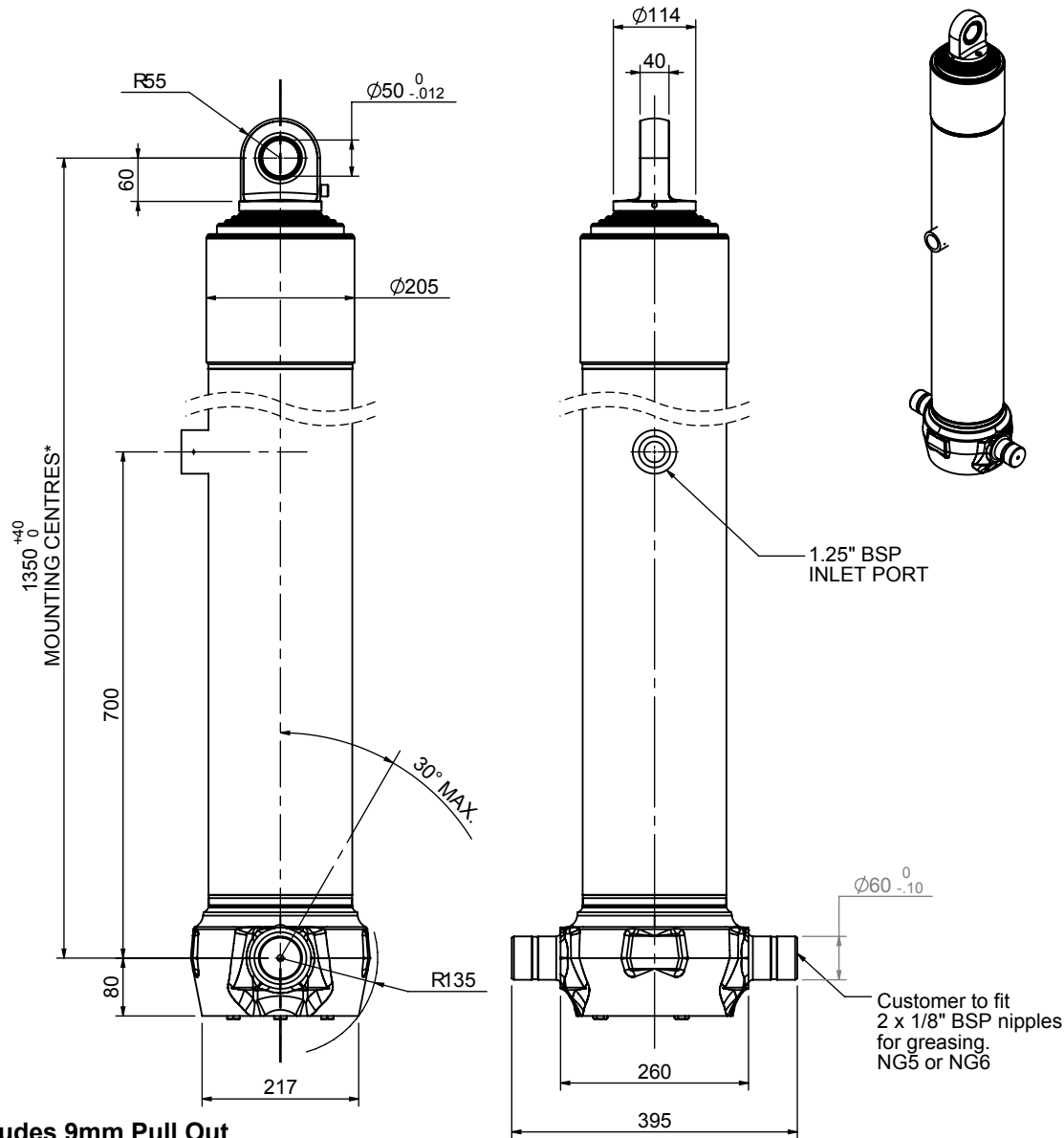


Cylinder 5 stage front end with spherical eye

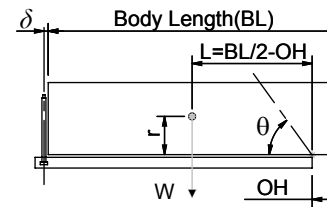
CS170S55183B70G01



SPECIFICATION		RATED CAPACITY : 37-59 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
0	199	1325	-	-
1	176	1290	1067	26
2	155	1290	1087	21
3	136	1290	1097	16
4	117	1290	1112	12
5	98	1290	817	6
Final stroke reduced by	300	Total (+5/-10)	5180	81
Cylinder Mass (Kg)	208.15	Priming Volume	17	
Rated Pressure (Bar)	175	Total Volume (Litres)	98	
Maximum Pressure (Bar)	175	Max. first stage thrust	260 KN	

***TIPPING CAPACITY AT RATED PRESSURE

$d = 0 ; r = 900$



BODY LENGTH (BL)						OH
6750		7250		7750		
43	47°	40	43°	37	40°	150
49	50°	44	46°	41	42°	450
59	52°	51	48°	45	44°	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 sload 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

*Includes 9mm Pull Out Last Stage Chrome Plated

Edbro
SETTING THE INDUSTRY STANDARD

Edbro plc
Nelson Street, Bolton, Lancashire BL3 2JJ UK
Tel +44 (0) 1204 528888 Fax +44 (0) 1204 531957
Email: postmaster@edbro.com Web: www.edbro.com

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Refer www.edbro.com to confirm latest specification
All dimensions are in 'mm', unless otherwise stated