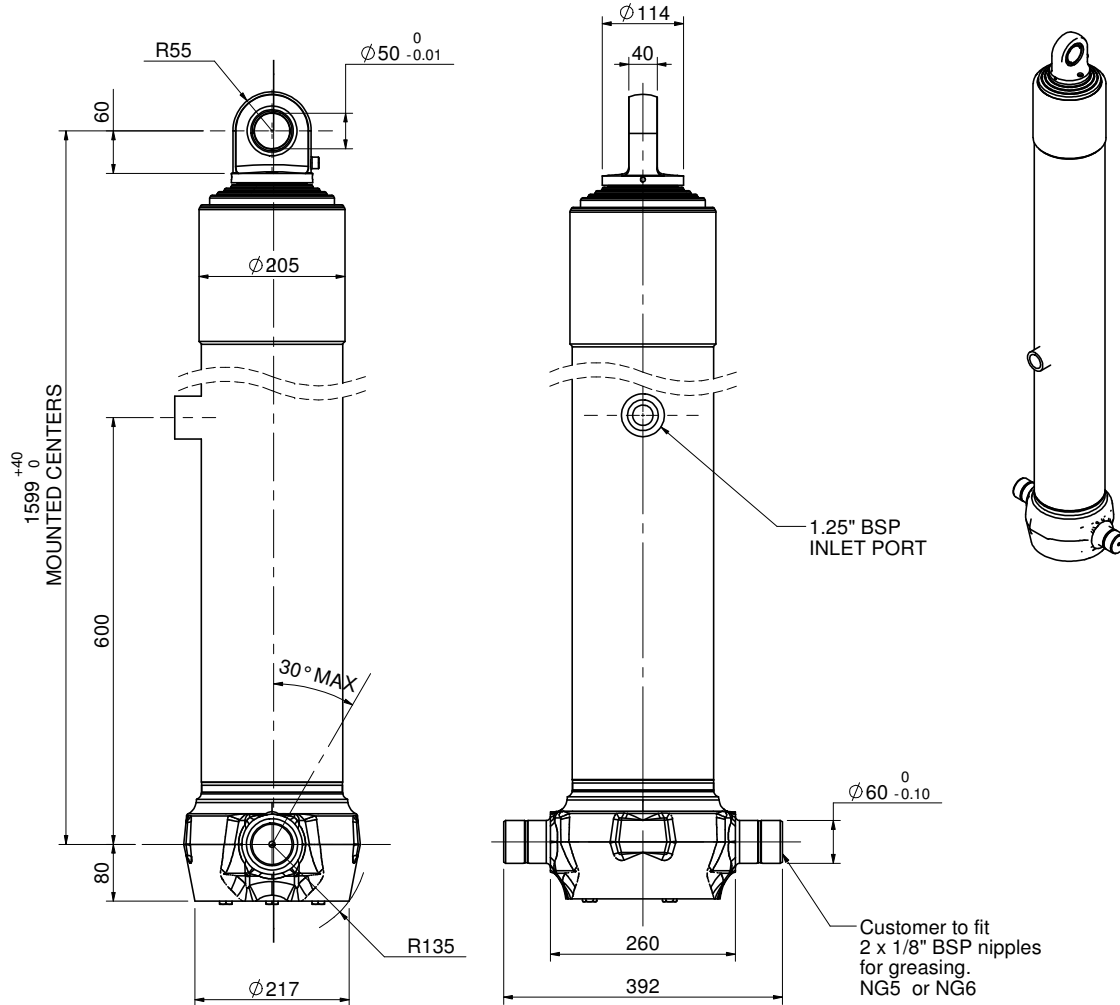


Cylinder 5 stage front end with spherical eye

CS170S56733B60A01



SPECIFICATION		RATED CAPACITY : 25-33 TONNES*		
Stage	Diameter	Length	Stroke	Swept Volume
0	198.12	1575		
1	176.00	1540	1320	32.1
2	154.85	1540	1337	25.2
3	135.75	1540	1347	19.5
4	116.65	1540	1362	14.6
5	97.8	1540	1367	10.3
Final stroke reduced by	0	Total	6733	101.7
Cylinder Mass (Kg)	234	Priming Volume		21.0
Working Pressure (Bar)	120	Total Volume (Litres)		122.7
Maximum Pressure (Bar)	175	Max. first stage thrust		260 KN

***TIPPING CAPACITY AT RATED PRESSURE**

$\delta = 0 ; r = 900$

BODY LENGTH (BL)							OH
8500		9000		9500			
27	48°	26	45°	25	43°	150	
29	50°	28	47°	26	44°	450	
33	53°	30	49°	28	46°	750	

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

For guidance only;
Higher working 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 Working Pressure unless agreed by Edbro.
- The system relief valve can be set to Maximum Pressure if the load is limited by other means.
- This cylinder is for lifting purposes only and sideload conditions must be avoided.
- Cylinder is painted in primer paint to RAL5010.
- See bracket options page 17BRKT01.
- See installation instructions INSTALL01.
- Use oil according to specification OIL01.

This drawing is available on request in PDF (2D), DXF (2D) or Parasolid (3D) via applications@edbro.co.uk



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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All dimensions are in 'mm', unless otherwise stated