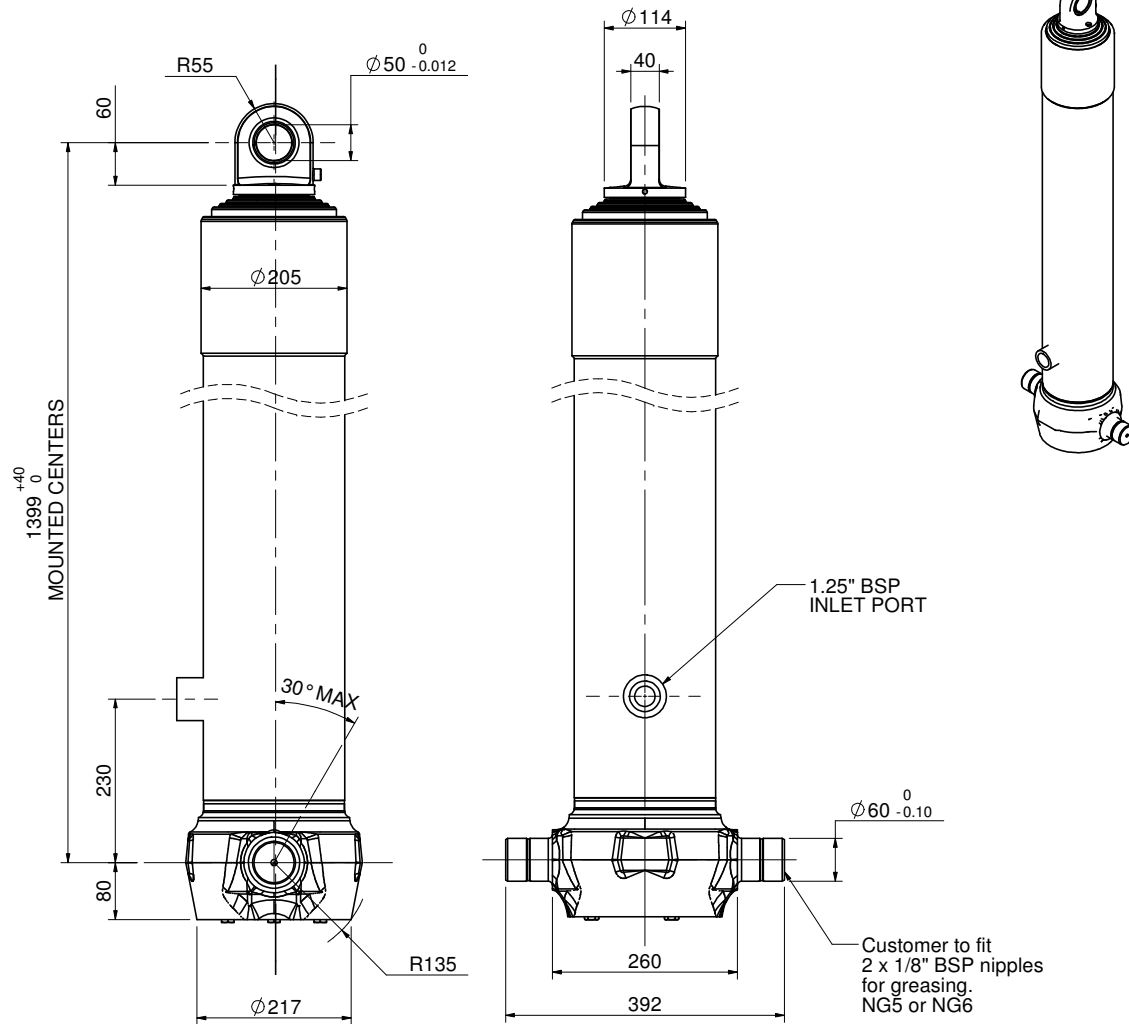


Cylinder 5 stage front end with spherical eye

CS170S55733B23A01

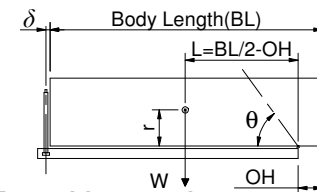


SPECIFICATION **RATED CAPACITY : 34-50 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
0	198.12	1375		
1	176.00	1340	1120	27.2
2	154.85	1340	1137	21.4
3	135.75	1340	1147	16.6
4	116.65	1340	1162	12.4
5	97.8	1340	1167	8.8
Final stroke reduced by	0	Total	5733	86.4
Cylinder Mass (Kg)	209	Priming Volume		20.0
Working Pressure (Bar)	165	Total Volume (Litres)		106.4
Maximum Pressure (Bar)	175	Max. first stage thrust	260 KN	

***TIPPING CAPACITY AT RATED PRESSURE**

$\delta = 0 ; r = 900$



BODY LENGTH (BL)						OH
7250		7750		8250		
39	49°	36	45°	34	42°	150
43	51°	40	47°	37	44°	450
50	54°	45	49°	41	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



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