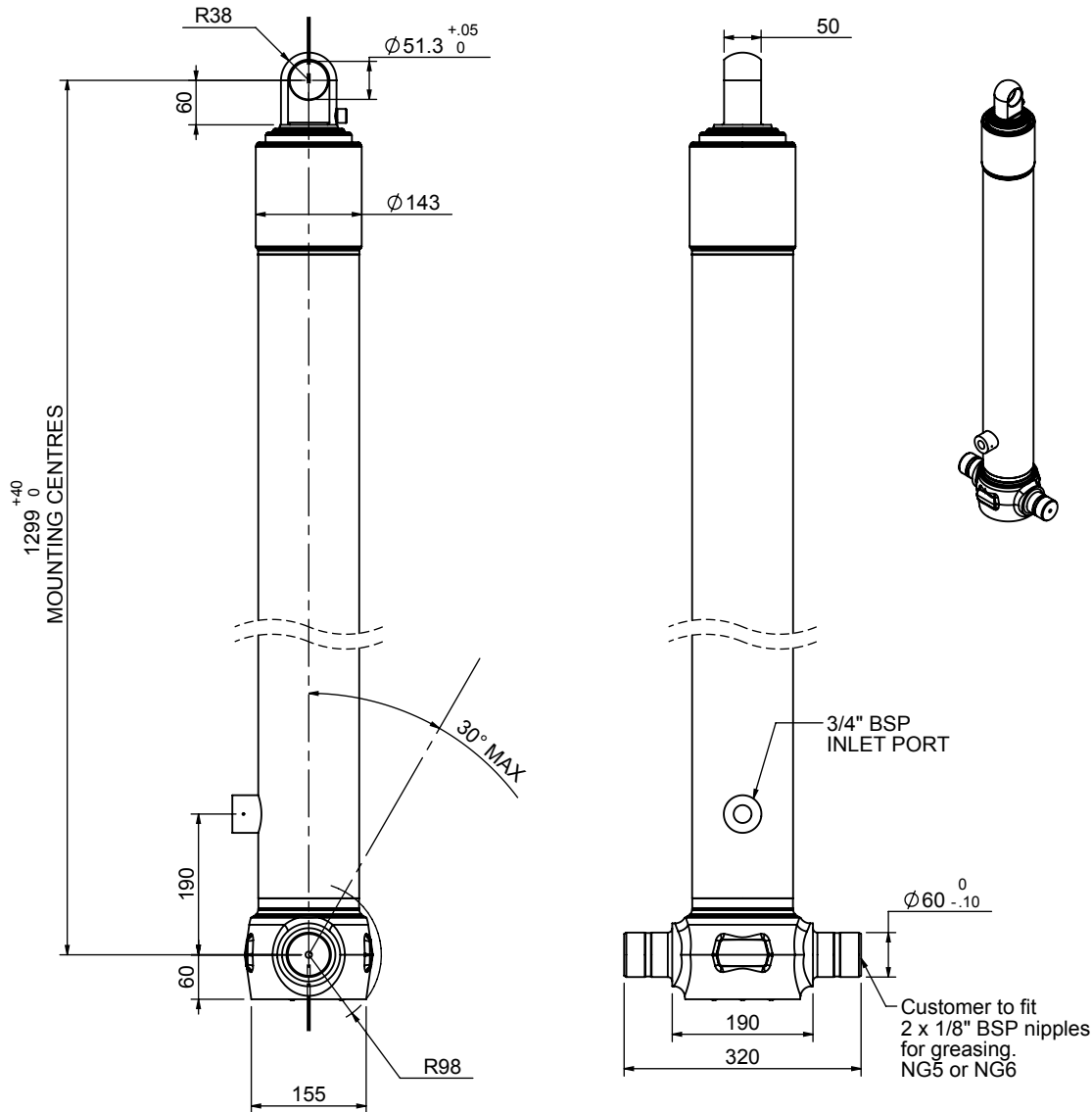


Cylinder 3 stage front end with plain eye



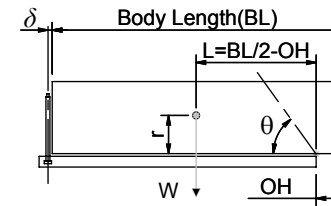
***Include 9mm Pull Out
All Stages Fully Chromed**

CS110E33194B19A01C

SPECIFICATION		RATED CAPACITY : 21-33 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
0	136	1275	-	-
1	117	1240	1054	11
2	98	1240	1067	8
3	79	1240	1072	5
Final stroke reduced by	0	Total (+5/-10)	3193	24
Cylinder Mass (Kg)	72.90	Priming Volume	8.9	
Rated Pressure (Bar)	150	Total Volume (Litres)	32.9	
Maximum Pressure (Bar)	175	Max. first stage thrust	130 KN	

***TIPPING CAPACITY AT RATED PRESSURE

$d = 178 ; r = 750$



BODY LENGTH (BL)					OH	
4375		4500		4625		
22	46°	21	44°	21	43°	150
27	50°	26	48°	25	46°	450
XX	XX°	33	52°	31	50°	750

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