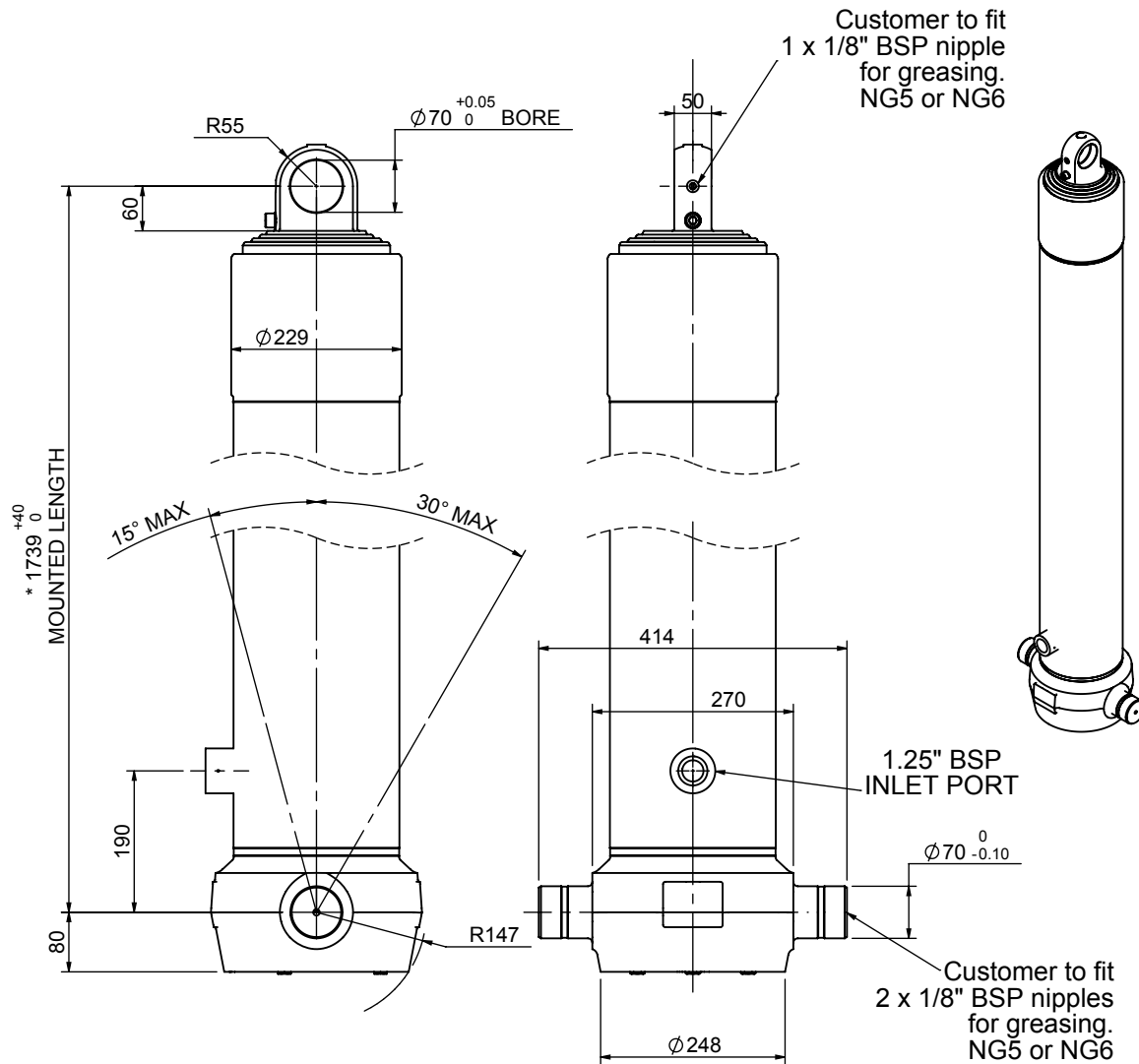


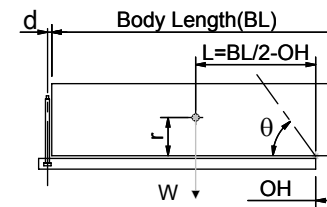
Cylinder 4 stage front end with plain eye



CS190E45916B19A01

SPECIFICATION		TIPPING CAPACITY : 58-80 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
-	-	-	-	-
0	223	1728	-	-
1	198	1690	1454	45
2	176	1690	1477	36
3	155	1690	1487	28
4	136	1690	1497	22
Total (+5/-10)			5928	131
Final stroke reduced by	0	Priming Volume		32
Cylinder Mass (Kg)	288	Total Volume (Litres)		163
Maximum Pressure (Bar)	190	Max. first stage thrust		350 KN

***TIPPING CAPACITY AT WORKING PRESSURE



BODY LENGTH (BL)						OH
7500		8000		8500		
64	48°	61	45°	58	42°	150
71	51°	66	47°	62	44°	450
80	53°	73	49°	68	46°	750

d = 0; r = 900; Working Pressure 150 bar

For guidance only;

Higher working pressures and tipping capacities may be possible.
To check your application email - applications@edbro.co.uk

NOTES

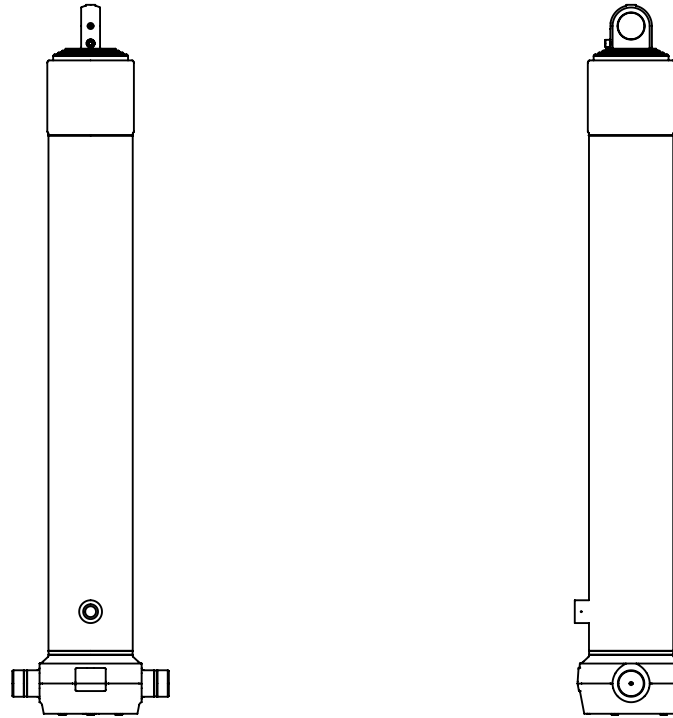
1. This cylinder is for lifting purposes only and side load conditions should be avoided
2. Cylinder is painted in primer paint to RAL5013
3. Refer to www.edbro.com for:-
 - Bracket details
 - Installation instructions that must be observed
 - Correct oil selection
 - An explanation of tipping capacity

*Includes 10mm Pull Out. Last Stage Chrome Plated



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Technical Specifications are subject to change without notice
Date Created/Updated: 16 July 2012
Refer www.edbro.com to confirm latest specification
All dimensions are in 'mm', unless otherwise stated



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