Cylinder 4 stage front end with spherical eye

CS150S45006B19A01

R55
Ø50 -0.012 BORE (0)
Ø183
60
*1495 +40/0 MOUNTING CENTRES
15° MAX
30° MAX
190
80
Ø197
R127

40
Customer to fit
1 x 1/8" BSP nipple
for greasing.
NG5 or NG6
1" BSP
INLET PORT
Ø60 -0.10 (0)
Customer to fit
2 x 1/8" BSP nipples
for greasing.
NG5 or NG6
235
374

*Includes 9mm Pull Out.
Last Stage Chrome Plated
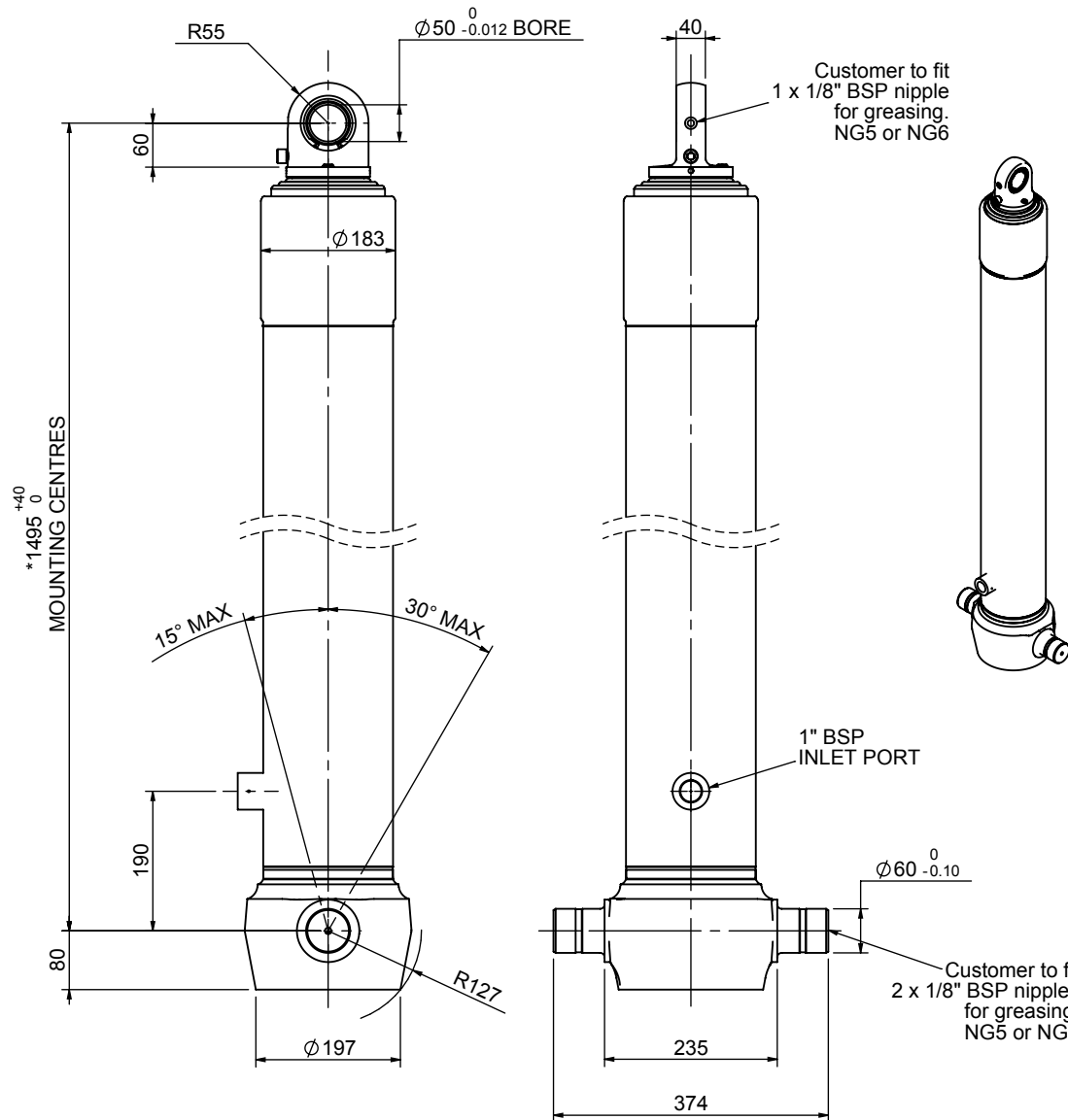
SPECIFICATION			TIPPING CAPACITY : 35-49 TONNES***	
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
-	-	-	-	-
0	177	1475	-	-
1	155	1440	1227	23
2	136	1440	1247	18
3	117	1440	1262	14
4	98	1440	1267	10
		Total (+5/-10)	5003	65
Final stroke reduced by	0	Priming Volume		16
Cylinder Mass (Kg)	170	Total Volume (Litres)		81
Maximum Pressure (Bar)	190	Max. first stage thrust		225 KN

***TIPPING CAPACITY AT WORKING PRESSURE

d
Body Length(BL)
$L=BL/2-OH$
r
θ
W
OH
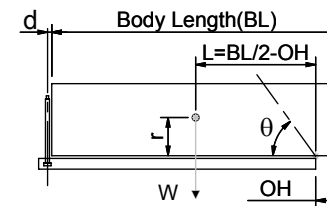
BODY LENGTH (BL)						OH
6350		6600		6850		
37	49°	36	47°	35	45°	150
42	51°	40	49°	38	47°	450
49	55°	45	52°	43	50°	750

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

d = 0; r = 750; Working Pressure 165 bar

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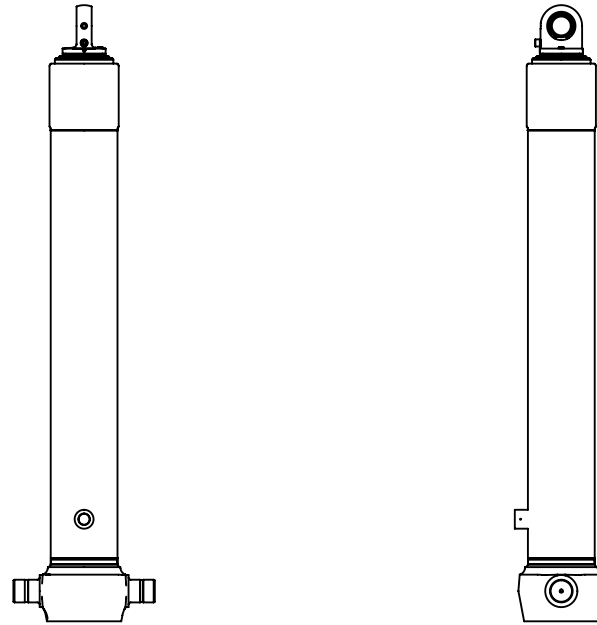
NOTES

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

Technical Specifications are subject to change without notice
Date Created/Updated: 04 September 2012
Refer www.edbro.com to confirm latest specification
All dimensions are in 'mm', unless otherwise stated

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Date Created/Updated: 04 September 2012

Scale: 1:20