Cylinder 4 stage front end with outer cover

CS150045606B25A14

ALLOW 50mm TO REMOVE CAP FOR SERVICING

15° MAX   30° MAX

445

318

Customer to fit 2 x 1/8" BSP nipples for greasing. NG5 or NG6

∅60 0 -0.10

1" BSP INLET PORT

250

Customer to fit 2 x 1/8" BSP nipples for greasing. NG5 or NG6

∅60 0 -0.10

** 1670

* 900 +40 0 MOUNTING CENTRES

80

R127

∅197

235

374
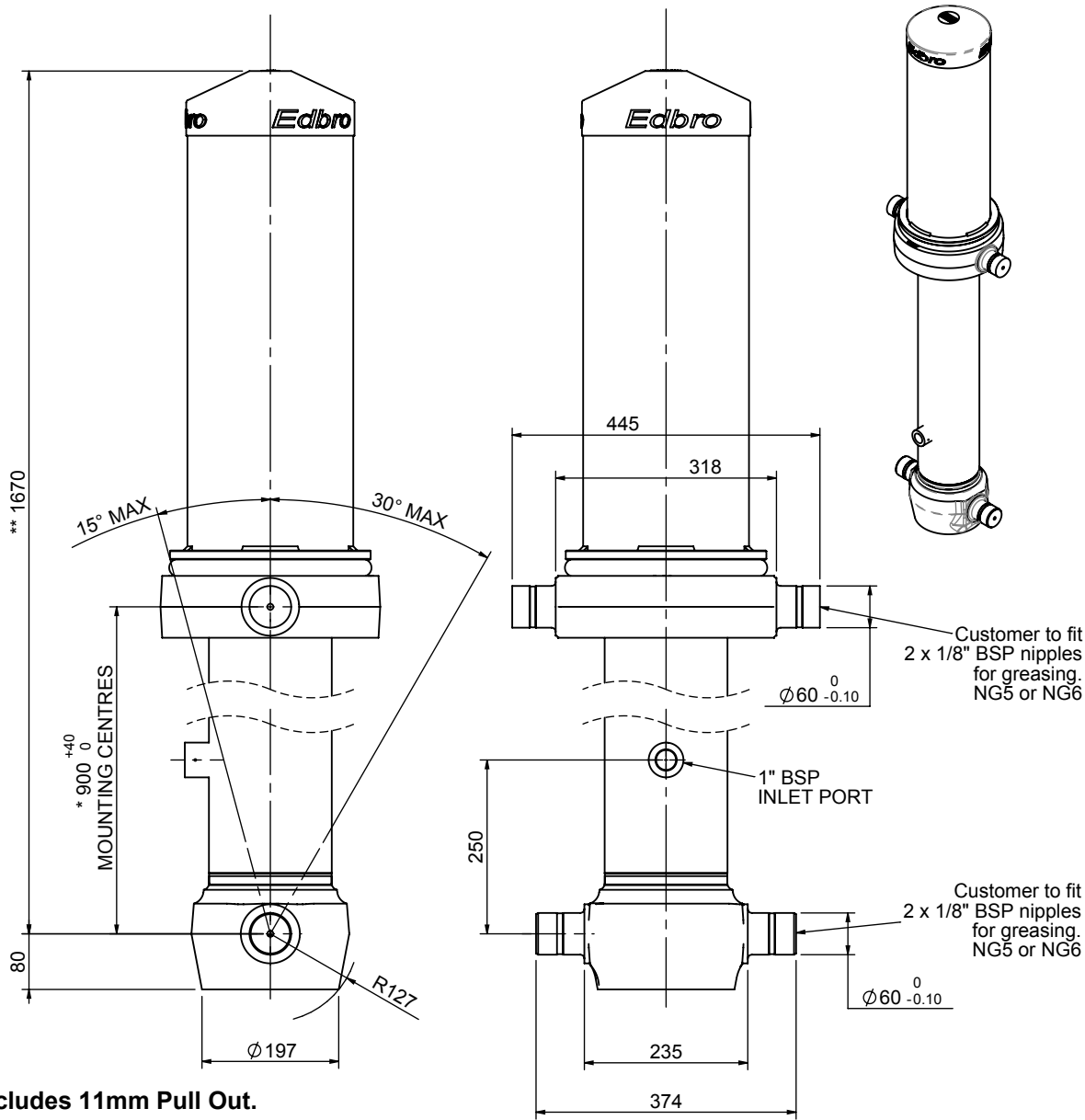
*Includes 11mm Pull Out.

SPECIFICATION — TIPPING CAPACITY : 36-52 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
OUTER COVER	239	735	-	-
0	177	1625	-	-
1	155	1590	1375	26
2	136	1590	1397	20
3	117	1590	1412	15
4	98	1590	1417	11
		Total (+5/-10)	7068	72
Final stroke reduced by	0	Priming Volume		18
Cylinder Mass (Kg)	233	Total Volume (Litres)		90
Maximum Pressure (Bar)	190	Max. first stage thrust		225 KN

***TIPPING CAPACITY AT WORKING PRESSURE

d   Body Length(BL)
L=BL/2-OH
θ
W   OH
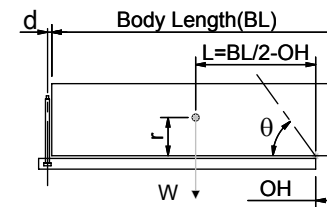
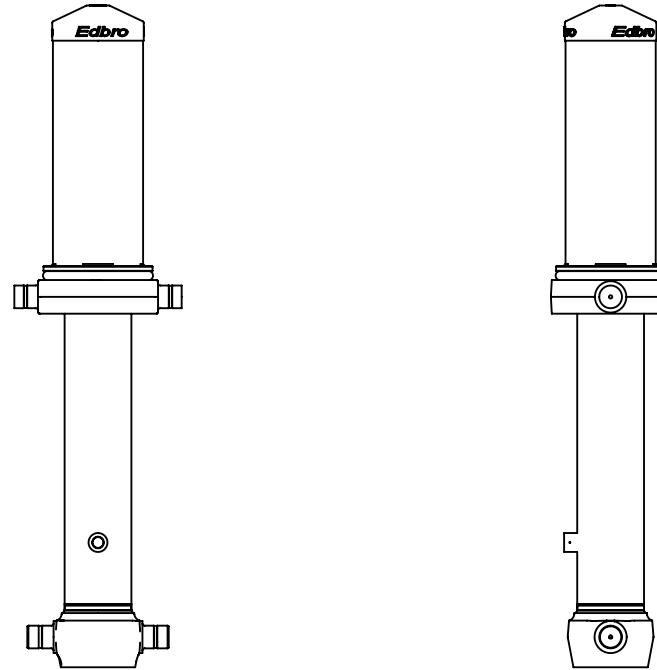| BODY LENGTH (BL)						OH
6750		7250		7750		
41	49°	38	45°	36	42°	150
45	52°	42	48°	39	44°	450
52	54°	47	50°	43	46°	750

d = 229; r = 750; Working Pressure 175 bar

Tipping angle (θ)

Body + payload mass,W (tonne)

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

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SETTING THE INDUSTRY STANDARD

Technical Specifications are subject to change without notice

Date Created/Updated: 31 August 2012

Scale: 1:20