Cylinder 5 stage front end with outer cover

CS170058983S19L12

**ALLOW 50mm TO REMOVE CAP FOR SERVICING

**2176

15° MAX   30° MAX

*550 +40 0
MOUNTING CENTRES

80

Ø217

R135

*Includes 12mm Pull Out.

462

330

190

1" BSP/SAE INLET PORT

Ø60 0 -0.10

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

Ø60 0 -0.10

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

260

395
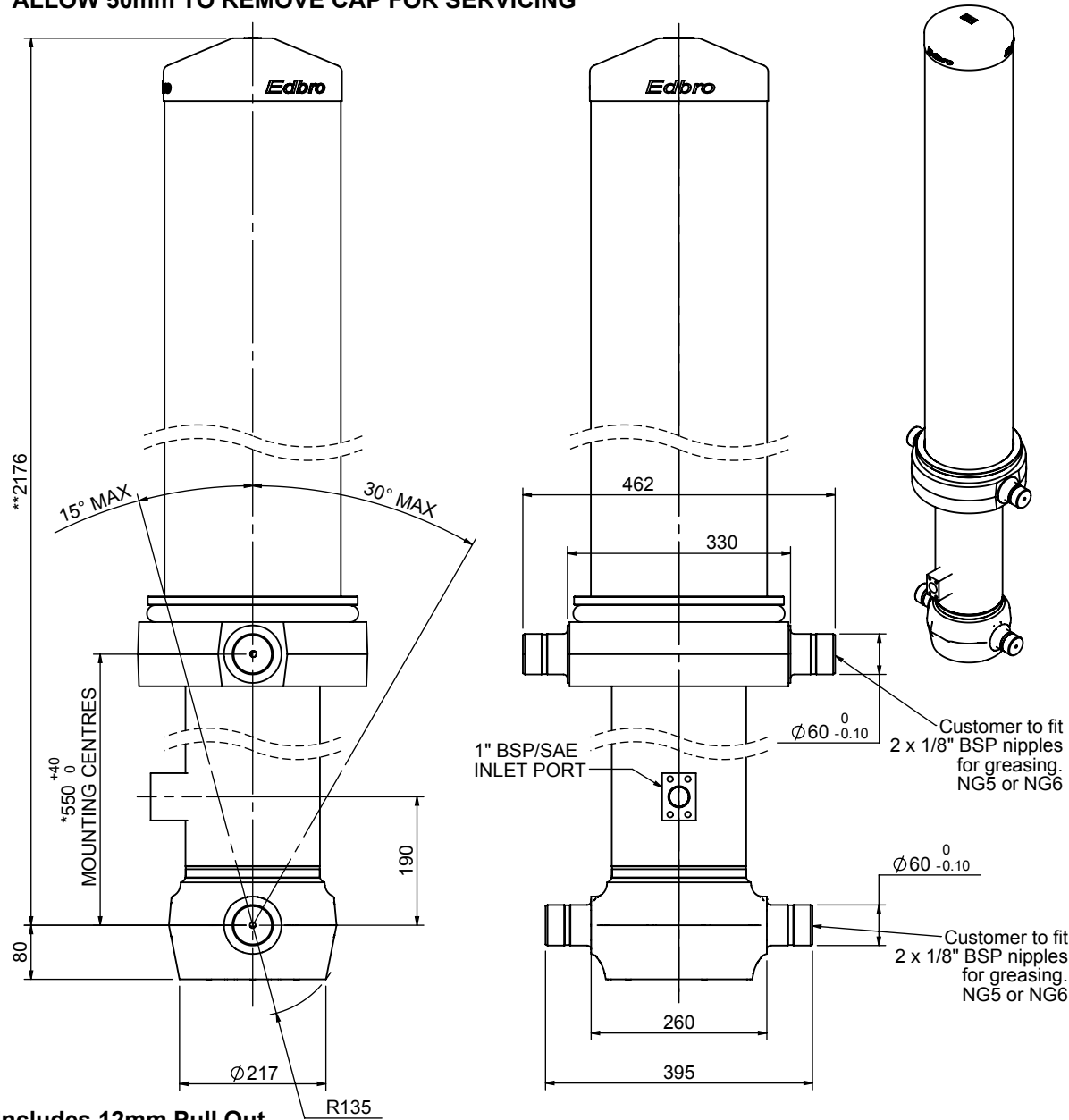
SPECIFICATION — TIPPING CAPACITY : 20-25 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	1590	-	-
0	199	2125	-	-
1	176	2090	1864	45
2	155	2090	1887	36
3	136	2090	1897	28
4	117	2090	1912	21
5	98	2090	1417	11
		Total (+5/-10)	8977	141
Final stroke reduced by	500	Priming Volume		29
Cylinder Mass (Kg)	388	Total Volume (Litres)		170
Maximum Pressure (Bar)	190	Max. first stage thrust		265 KN

***TIPPING CAPACITY AT WORKING PRESSURE

d   Body Length(BL)
L=BL/2-OH
r
θ
W   OH
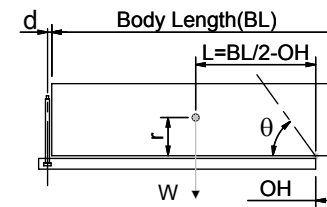
	BODY LENGTH (BL)					OH
	10250		10750		11250	
21	49°	20	46°	20	44°	150
23	50°	22	48°	21	45°	450
25	52°	23	49°	22	47°	750

d = 229; r = 900; Working Pressure 90 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
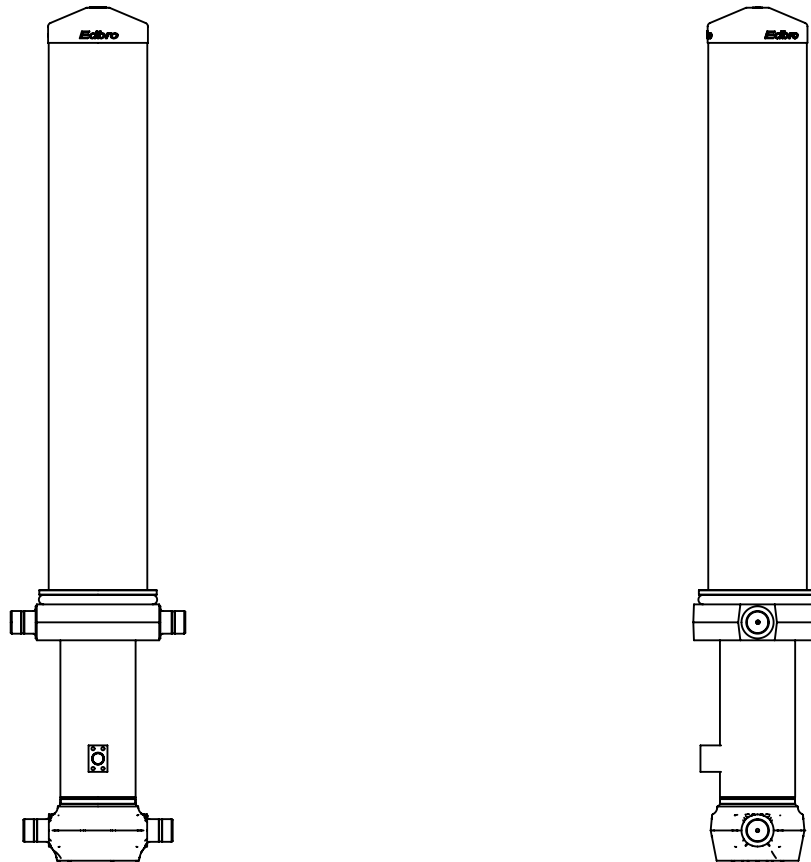
NOTES

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

CS170058983S19L12

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Technical Specifications are subject to change without notice

Date Created/Updated: 27 July 2012

Scale: 1:20