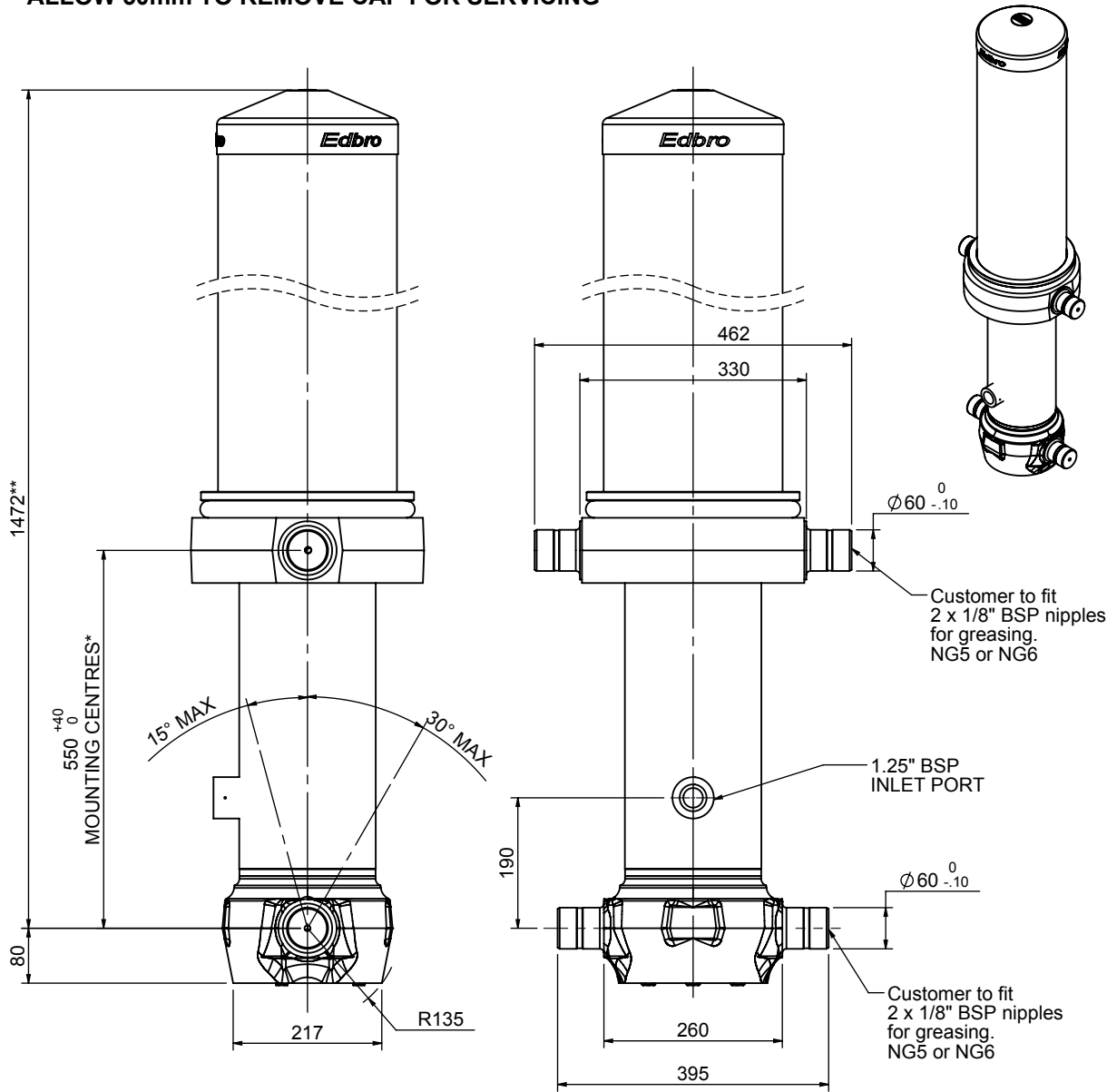


# Cylinder 4 stage front end with Outer Cover

**\*\*ALLOW 50mm TO REMOVE CAP FOR SERVICING**



\*Includes 12mm Pull Out.

## CS170044766B19A12

SPECIFICATION		RATED CAPACITY : 51-63 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	885	-	-
0	199	1425	-	-
1	176	1390	1164	28
2	155	1390	1187	22
3	136	1390	1197	17
4	117	1390	1212	13
Total (+5/-10)			4760	80
Final stroke reduced by	0	Priming Volume	17	
Cylinder Mass (Kg)	262	Total Volume (Litres)	97	
Maximum Pressure (Bar)	190	Max. first stage thrust	260 KN	

### \*\*\*TIPPING CAPACITY AT RATED PRESSURE

d	BODY LENGTH (BL)					OH
	5900	6150	6400	6650	6900	
55	46°	53	44°	51	42°	150
59	47°	56	45°	54	43°	450
63	49°	60	47°	57	45°	750

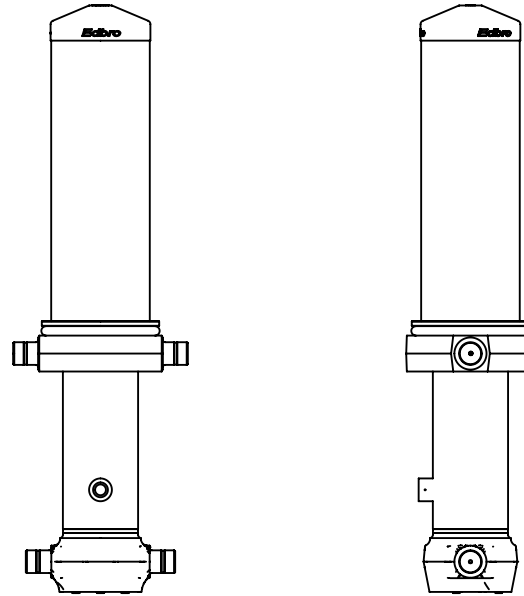
$d = 229$  ;  $r = 900$  ; Working Pressure 165 bar  
 Tipping angle ( $\theta$ )  
 Body + payload mass, W (tonne)

### For guidance only;

Higher Rated Pressures may be possible. To check your application, email Edbro plc at <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](http://www.edbro.com) for;-
  - Bracket details
  - Installation instructions that must be observed
  - Correct oil selection
  - An explanation of tipping capacity



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