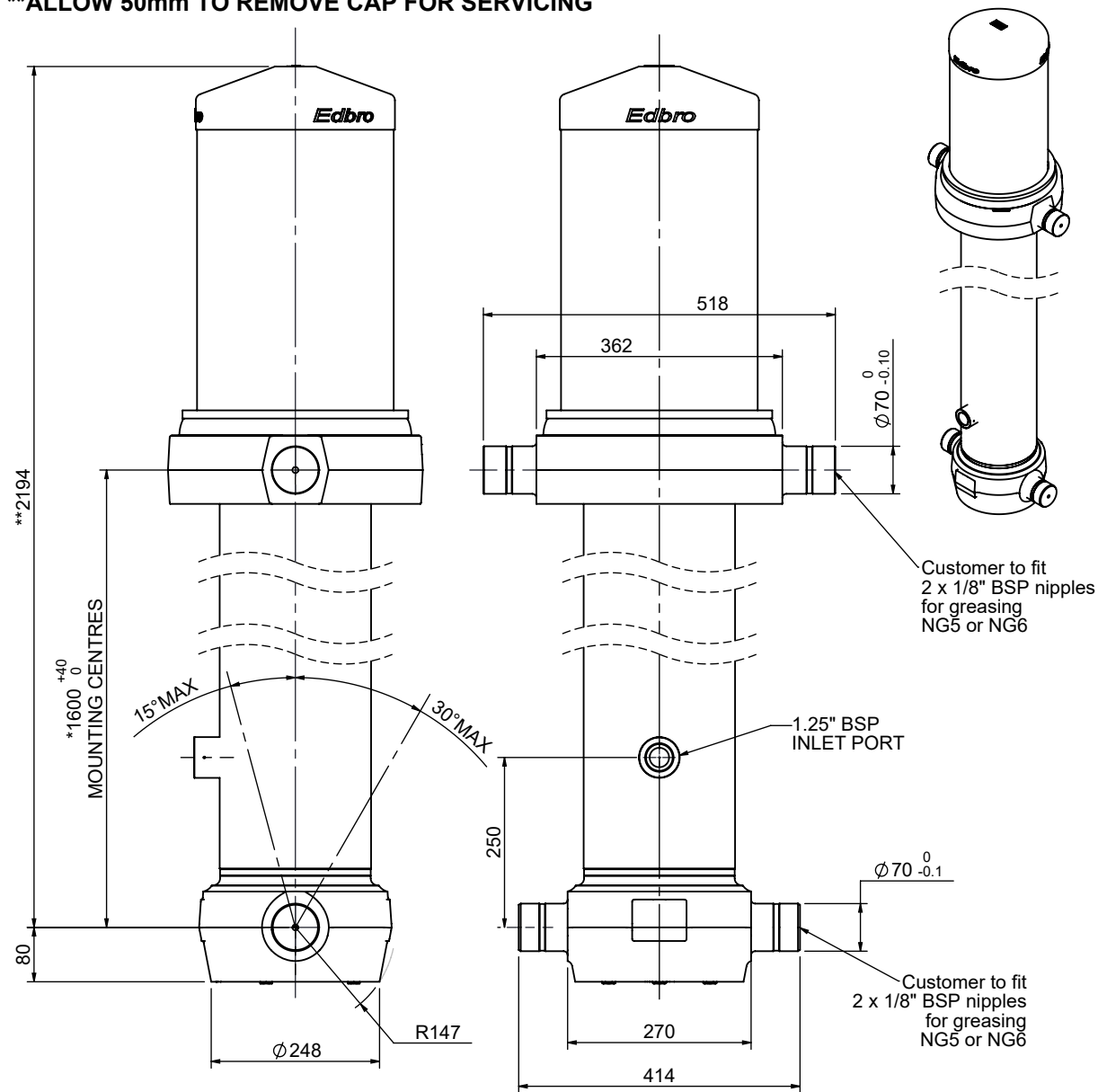


# Cylinder 5 stage front end with outer cover

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



\*Includes 12mm Pull Out.

# CS190058428B25YBK

**SPECIFICATION** **TIPPING CAPACITY : 38 - 50 TONNES\*\*\***

Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	289	530	-	-
0	223	2128	-	-
1	198	2090	1855	57
2	176	2090	1877	46
3	155	2090	1887	36
4	136	2090	1897	28
5	117	2090	912	10
Total (+5/-10)			8428	177
Final stroke reduced by	1000	Priming Volume		38
Cylinder Mass (Kg)	451	Total Volume (Litres)		215
Maximum Pressure (Bar)	190	Max. first stage thrust		350 KN

**\*\*\*TIPPING CAPACITY AT WORKING PRESSURE**

BODY LENGTH (BL)					OH	
10250	10875	11500				
42	49°	40	46°	38	43°	150
46	50°	42	47°	40	44°	450
50	52°	45	49°	42	46°	750

$d = 229$ ;  $r = 900$ ; Working Pressure 121 bar  
 Tipping angle ( $\theta$ )  
 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](mailto: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