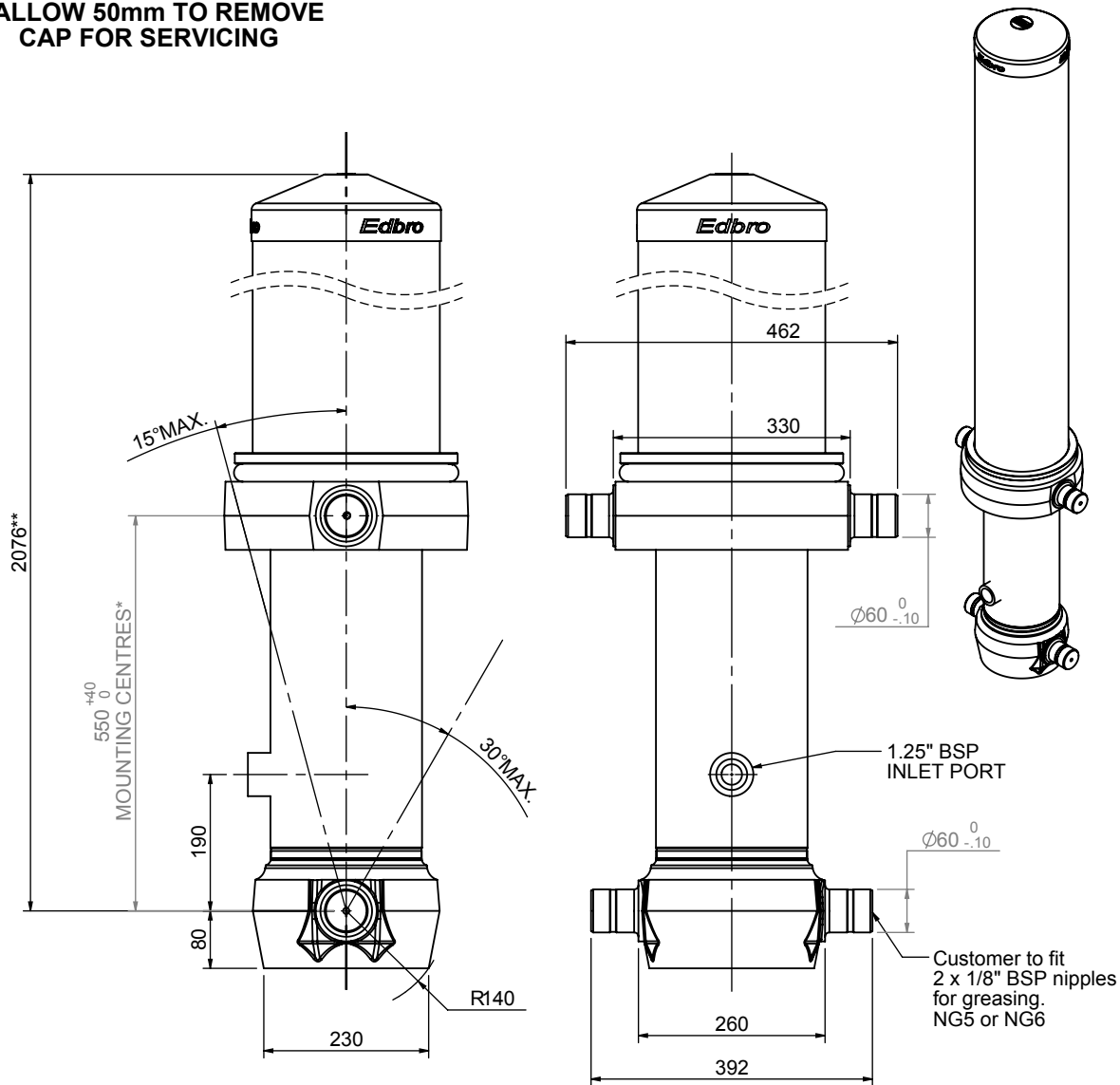


# Cylinder 5 stage front end with Outer Cover

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



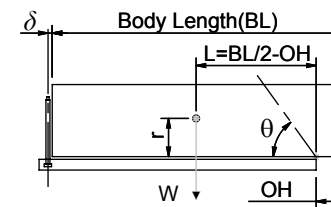
\*Includes 12mm Pull Out

## CS180058983B19A12

SPECIFICATION		RATED CAPACITY : 33-39 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	1490	-	-
0	211	2025	-	-
1	188	1990	1764	49
2	167	1990	1787	39
3	147	1990	1797	31
4	127	1990	1812	23
5	105	1990	1817	16
Final stroke reduced by	0	Total (+5/-10)	8977	158
Cylinder Mass (Kg)	429.02	Priming Volume	29	
Rated Pressure (Bar)	135	Total Volume (Litres)	187	
Maximum Pressure (Bar)	175	Max. first stage thrust	260 KN	

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

$d = 229 ; r = 900$



BODY LENGTH (BL)						OH
11000		11500		12000		
34	48°	33	46°			150
36	50°	35	47°	34	45°	450
39	51°	37	49°	36	46°	750

— 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

- If hydraulic pressure is used to limit overloading, the system relief valve must be set to the Rated Pressure unless agreed otherwise by Edbro
- The system relief valve can be set to Maximum Pressure if the load is limited by other means. See RATINGS page for advice
- This cylinder is for lifting purposes only and sideload conditions must be avoided
- Cylinder is painted in primer paint to RAL5013
- See bracket options page BRKT01, BRKT02
- See installation instructions INSTALL01
- Use oil according to specification OIL01

**Edbro**  
SETTING THE INDUSTRY STANDARD

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Technical Specifications are subject to change without notice  
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Refer www.edbro.com to confirm latest specification  
All dimensions are in 'mm', unless otherwise stated