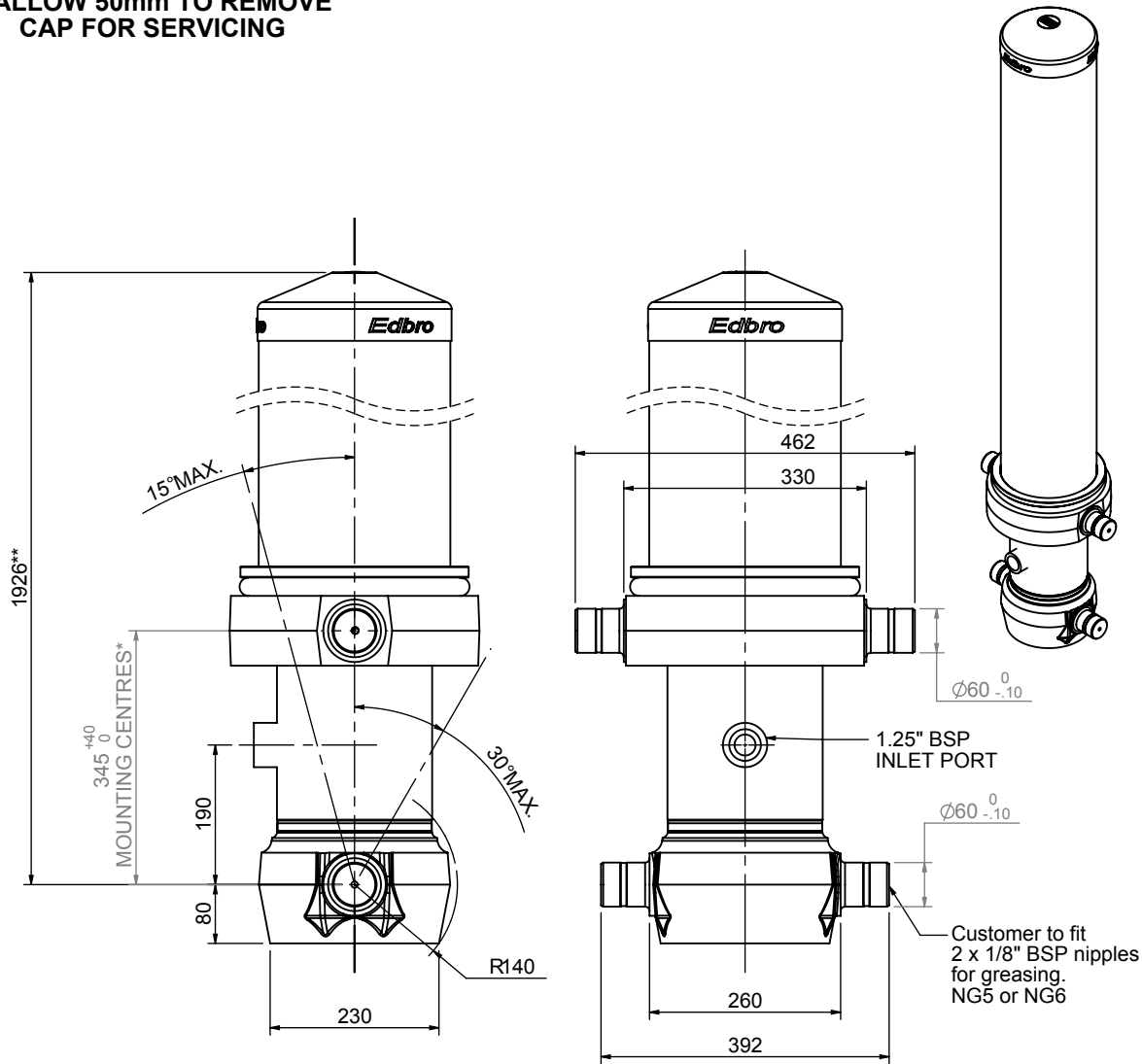


# Cylinder 5 stage front end with Outer Cover

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

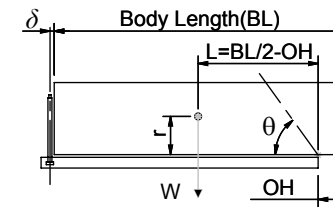


## CS180058233B19A11

SPECIFICATION		RATED CAPACITY : 41-54 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	261	1545	-	-
0	211	1875	-	-
1	188	1840	1614	45
2	167	1840	1637	36
3	147	1840	1647	28
4	127	1840	1662	21
5	105	1840	1667	14
Final stroke reduced by	0	Total (+5/-10)	8227	144
Cylinder Mass (Kg)	407.95	Priming Volume	27	
Rated Pressure (Bar)	165	Total Volume (Litres)	171	
Maximum Pressure (Bar)	175	Max. first stage thrust	260 KN	

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

d = 229 ; r = 900



BODY LENGTH (BL)						OH
9500		10000		10500		
45	51°	43	48°	41	46°	150
49	53°	46	50°	44	47°	450
54	55°	50	52°	47	49°	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 sload 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

\*Includes 12mm Pull Out

**Edbro**  
SETTING THE INDUSTRY STANDARD

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Technical Specifications are subject to change without notice  
Date Created/Updated: 26 August 2009 14:01:05  
Refer www.edbro.com to confirm latest specification  
All dimensions are in 'mm', unless otherwise stated