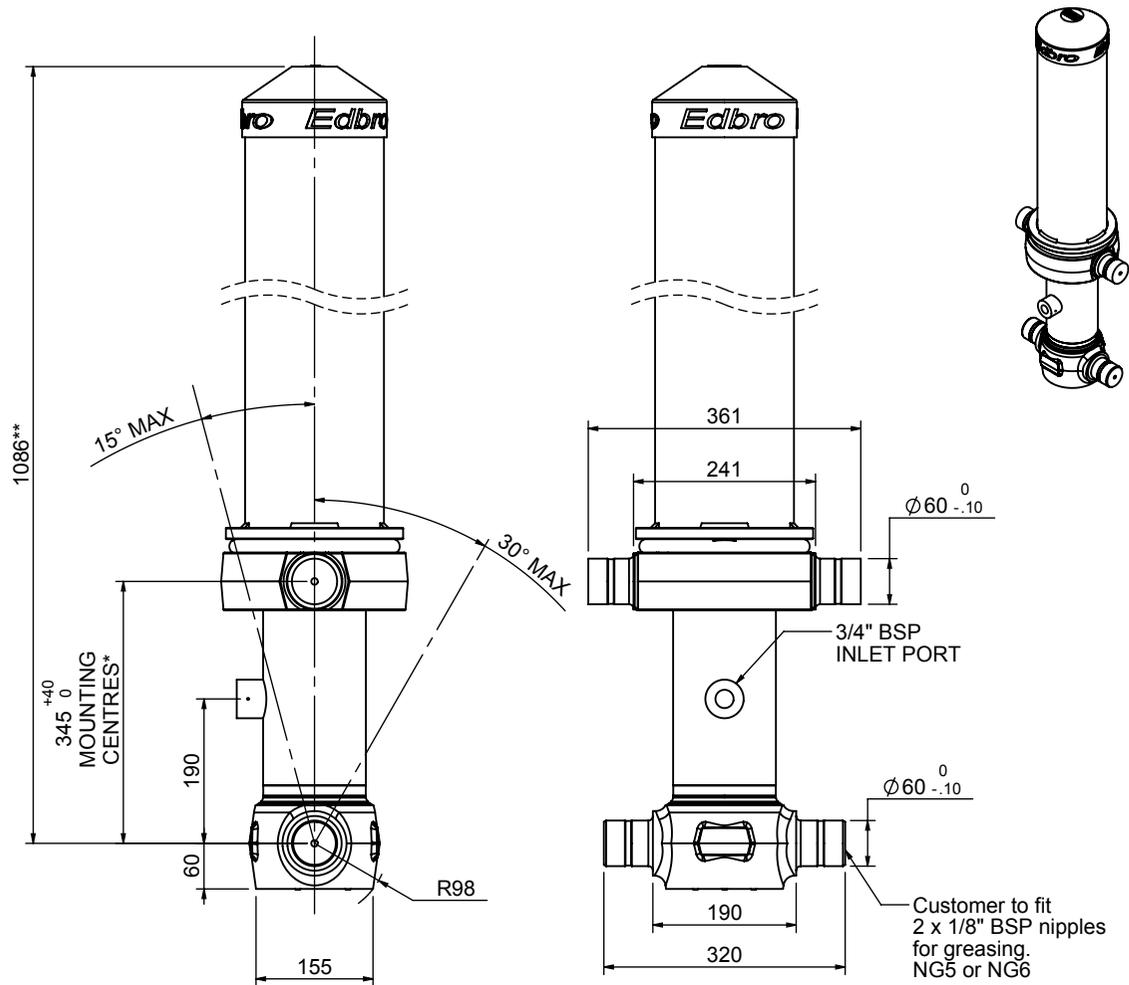


# Cylinder 4 stage front end with Outer Cover

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



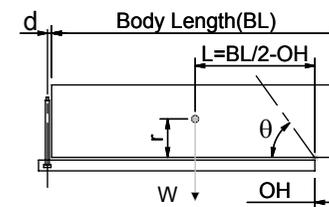
**\*Include 14mm Pull Out**

## CS110043271B19A11

SPECIFICATION		RATED CAPACITY : 15-34 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
OUTER COVER	184.2	690	-	-
0	136.3	1025	-	-
1	116.6	990	798.5	9
2	97.7	990	817	6
3	79.2	990	822	4
4	62.8	990	827	3
Final stroke reduced by	0	Total (+5/-10)	3264.5	22
Cylinder Mass (Kg)	97.69	Priming Volume	6.3	
Rated Pressure (Bar)	150	Total Volume (Litres)	28.3	
Maximum Pressure (Bar)	175	Max. first stage thrust	130 KN	

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

$d = 178 ; r = 750$



BODY LENGTH (BL)					OH	
4150	4400	4650				
17	47°	16	44°	15	41°	150
22	50°	19	47°	18	44°	450
34	55°	27	51°	23	48°	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

**Edbro**  
SETTING THE INDUSTRY STANDARD

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Technical Specifications are subject to change without notice  
Date Created/Updated: 17 February 2011 17:20:53  
Refer www.edbro.com to confirm latest specification  
All dimensions are in 'mm', unless otherwise stated