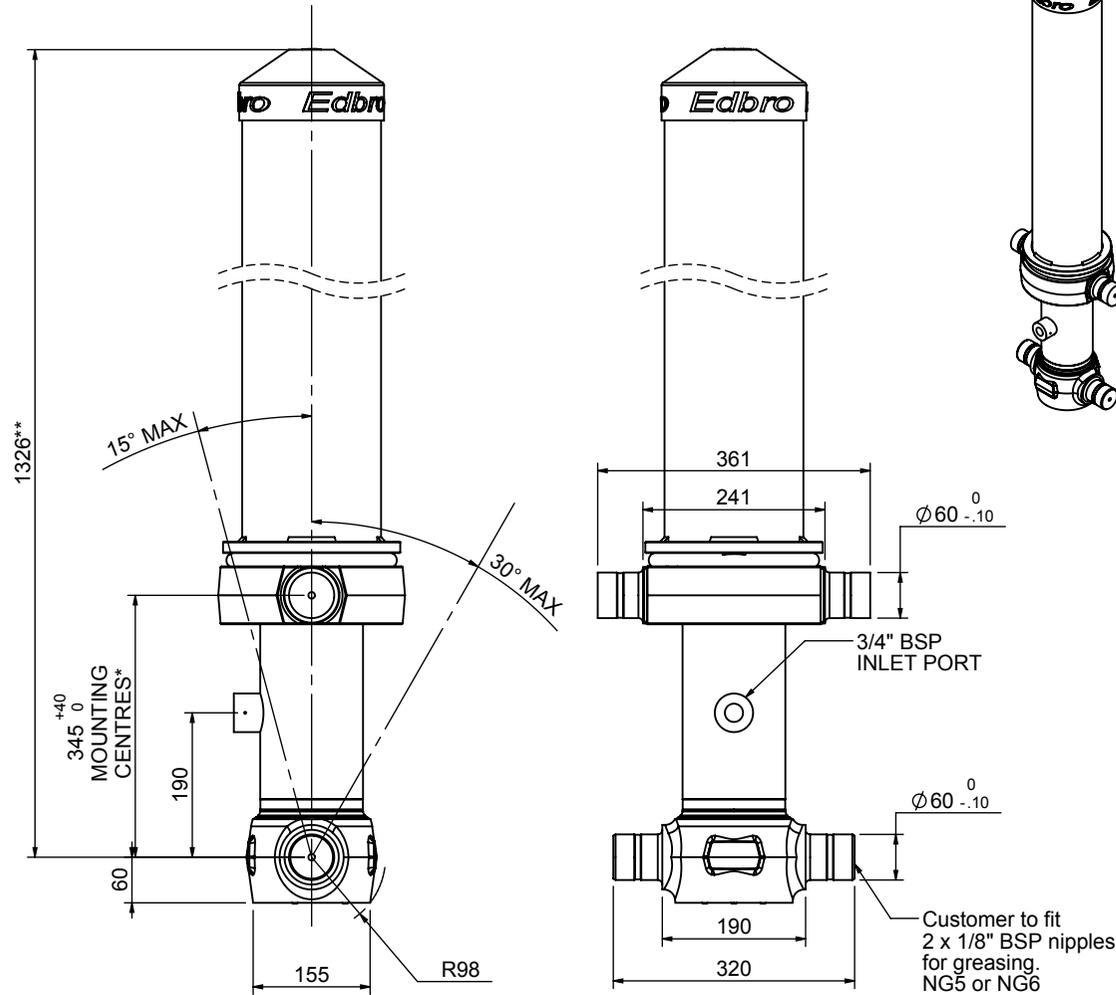


Cylinder 4 stage front end with Outer Cover

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



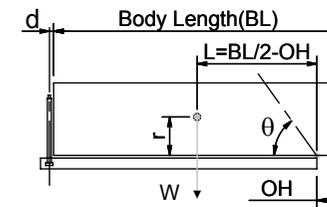
***Include 14mm Pull Out**

CS110044271B19A21

SPECIFICATION		RATED CAPACITY : 17-27 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
OUTER COVER	184	920	-	-
0	136	1275	-	-
1	117	1240	1049	11
2	98	1240	1067	8
3	79	1240	1072	5
4	63	1240	1077	3
Final stroke reduced by	0	Total (+5/-10)	4265	27
Cylinder Mass (Kg)	122.06	Priming Volume	8.0	
Rated Pressure (Bar)	175	Total Volume (Litres)	35	
Maximum Pressure (Bar)	175	Max. first stage thrust	130 KN	

***TIPPING CAPACITY AT RATED PRESSURE

$d = 178 ; r = 750$



BODY LENGTH (BL)					OH	
5250		5500		5750		
18	48°	17	46°	17	44°	150
22	51°	20	49°	19	46°	450
27	55°	24	52°	22	49°	750

Tipping angle (θ)
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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Date Created/Updated: 17 February 2011 17:23:21
Refer www.edbro.com to confirm latest specification
All dimensions are in 'mm', unless otherwise stated