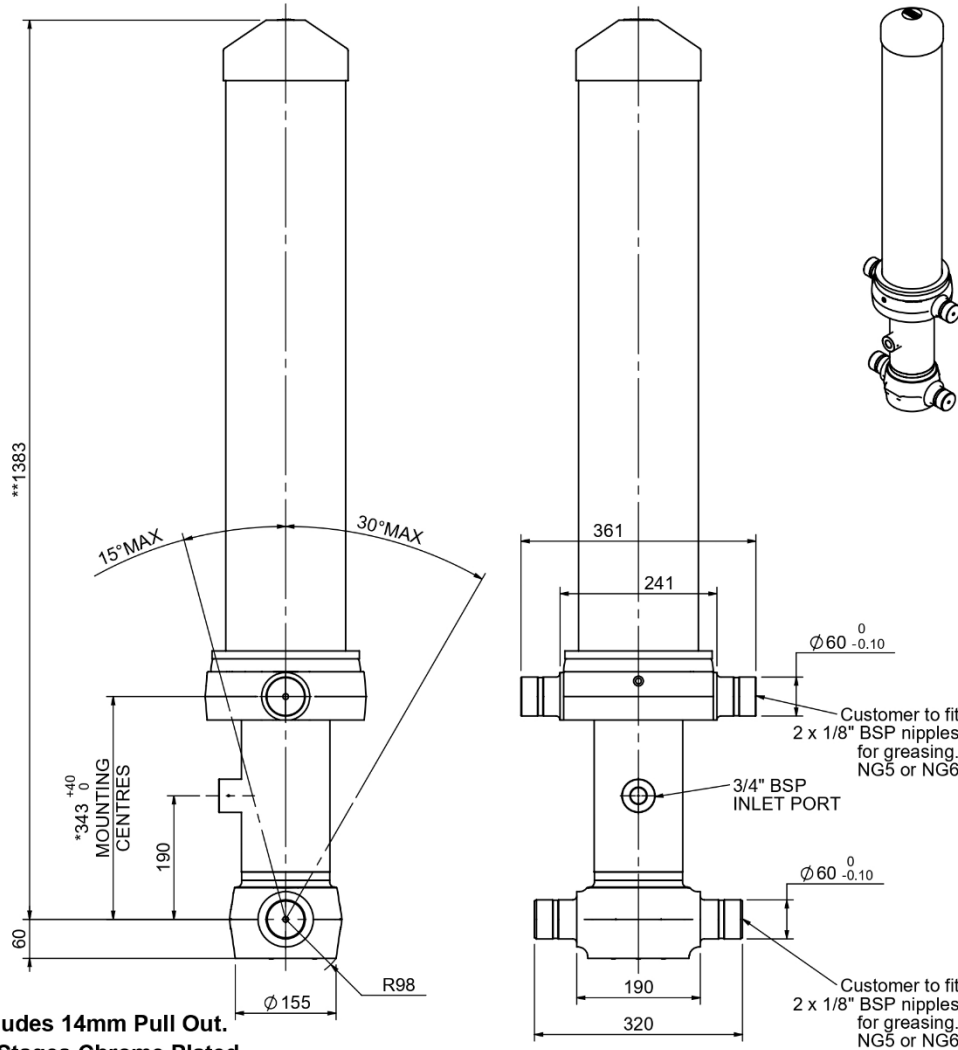


**Cylinder 3 stage front end with outer cover**

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



**\*Includes 14mm Pull Out.  
All Stages Chrome Plated**

**CS110033344B19A11C**

SPECIFICATION		TIPPING CAPACITY : 21-34 TONNES***		
Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
-	-	-	-	-
OUTER COVER		184	985	-
0	136	1325	-	-
1	117	1290	1105	12
2	98	1290	1117	8
3	79	1290	1122	6
Total (+5/-10)			3344	26
Final stroke reduced by	0	Priming Volume		9.8
Cylinder Mass (Kg)	122	Total Volume (Litres)		35.8
Maximum Pressure (Bar)	190	Max. first stage thrust		130 KN

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



$d = 178$ ;  $r = 750$ ; Working Pressure 145 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