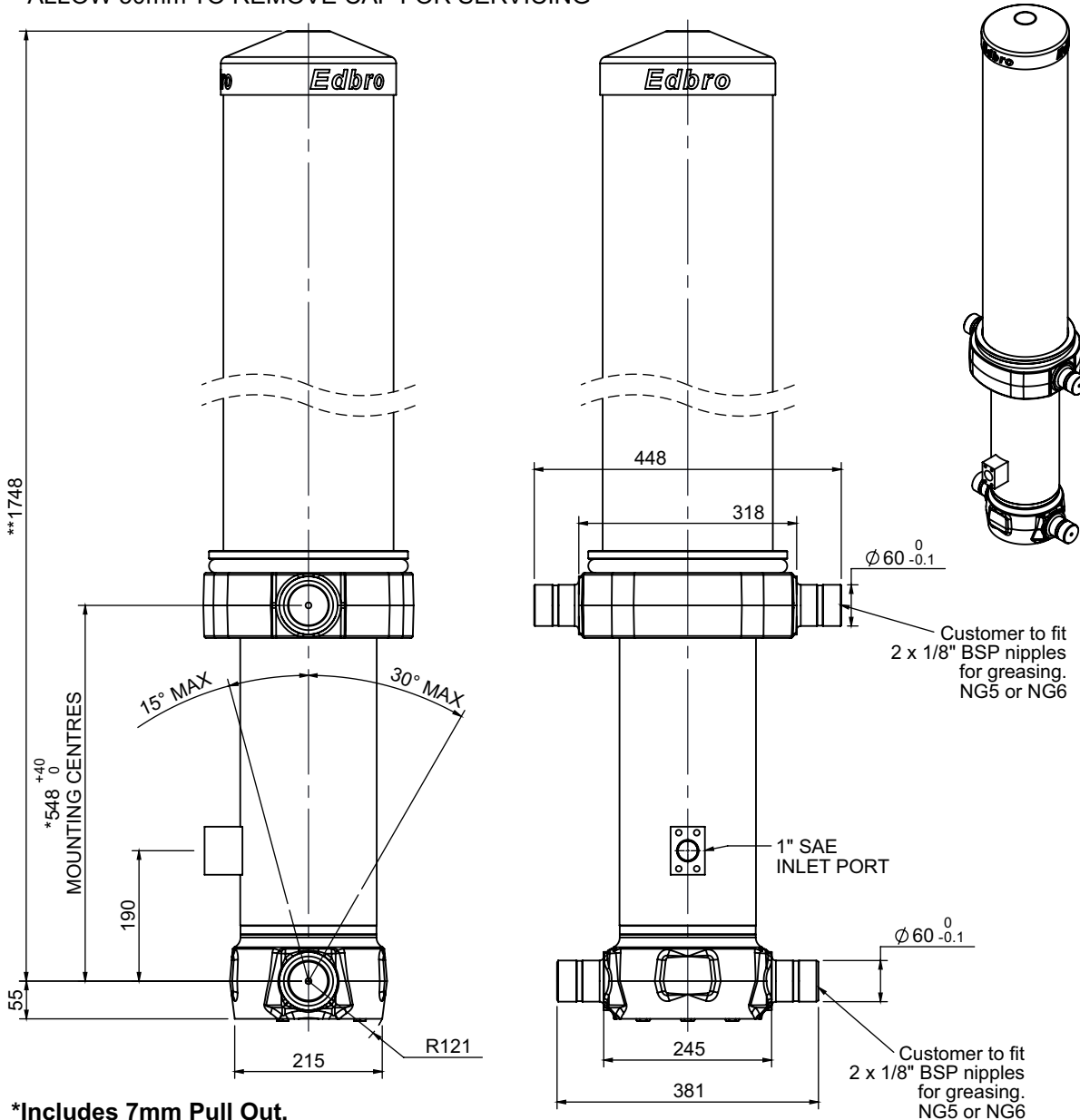


Cylinder 5 stage front end with outer cover

**ALLOW 50mm TO REMOVE CAP FOR SERVICING



*Includes 7mm Pull Out.

CS17L057233S19A12

SPECIFICATION

TIPPING CAPACITY : 32-41 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
OUTER COVER	248	1165	-	-
0	199	1675	-	-
1	176	1640	1420	35
2	155	1640	1437	27
3	136	1640	1447	21
4	117	1640	1462	16
5	98	1640	1467	11
Total (+5/-10)			7233	110
Final stroke reduced by	0	Priming Volume		22.3
Cylinder Mass (Kg)	296	Total Volume (Litres)		132.3
Maximum Pressure (Bar)	190	Max. first stage thrust		200 KN

***TIPPING CAPACITY AT WORKING PRESSURE

The diagram illustrates the geometry of a crane hook. Key dimensions include the hook throat diameter d , the body length BL , the hook radius $L = BL/2 - OH$, the body + payload mass W , and the hook offset OH . The tipping angle T is shown at the hook's tip.

$d = 229$; $r = 900$; Working Pressure 150 bar

BODY LENGTH (BL)	OH					
9000		9500		10000		
34	47°	33	45°	32	42°	
37	49°	35	46°	34	44°	
41	51°	38	48°	36	45°	

Tipping angle (T)

Body + payload mass, W (tonne)

NOTES

1. This cylinder is for lifting purposes only and side load conditions should be avoided
2. Cylinder is painted in primer paint to RAL9005

Edbro

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