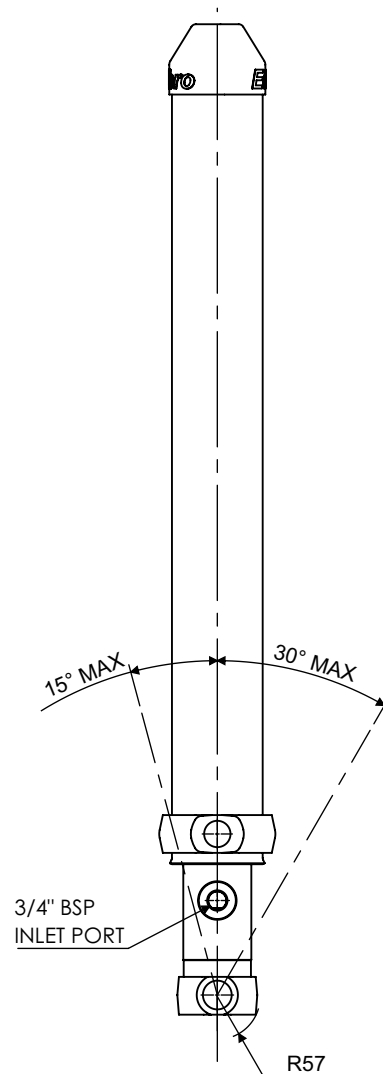
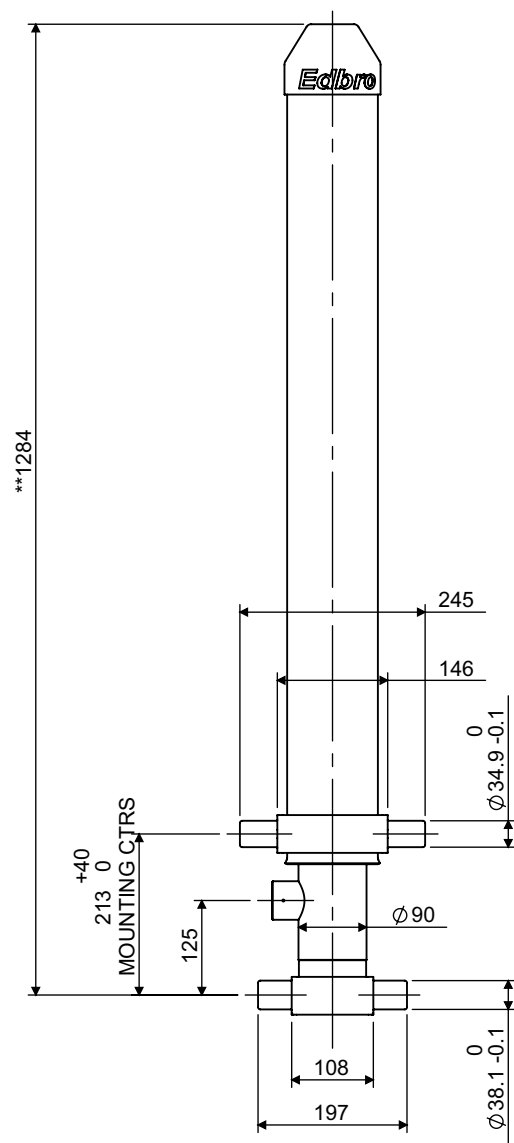


Cylinder 3 stage front end with outer cover

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



*Includes 10mm Pull Out.

CS070032895N12A28

SPECIFICATION

TIPPING CAPACITY : 7-11 TONNES***

Stage	Diameter	Length	Stroke	Swept Volume
-	-	-	-	-
-	-	-	-	-
OUTER COVER	120	1039	-	-
0	90	1172	-	-
1	75	1145	958	4
2	60	1145	968	3
3	45	1145	968	2
Total (+5/-10)			2894	9
Final stroke reduced by	0	Priming Volume		1
Cylinder Mass (Kg)	61	Total Volume (Litres)		10
Maximum Pressure (Bar)	150	Max. first stage thrust		40 KN

***TIPPING CAPACITY AT WORKING PRESSURE

Diagram illustrating the geometry of a crane hook. The diagram shows a cross-section of the hook with the following dimensions and labels:

- d : Hook throat diameter.
- BL : Body Length.
- $l = BL/2 - OH$: Distance from the hook tip to the center of gravity.
- L : Hook radius.
- T : Tipping angle.
- W : Body + payload mass.
- OH : Hook offset.

$d = 111$; $r = 500$; Working Pressure 150 bar

BODY LENGTH (BL)						OH
3750		4000		4250		
7	46°	7	43°			150
9	50°	8	47°	8	43°	450
		11	51°	10	47°	750

Diagram illustrating the geometry of a crane hook. The diagram shows a cross-section of the hook with the following dimensions and labels:

$d = 111$; $r = 500$; Working Pressure 150 bar

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d = 111; r = 500; Working Pressure 150 bar

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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