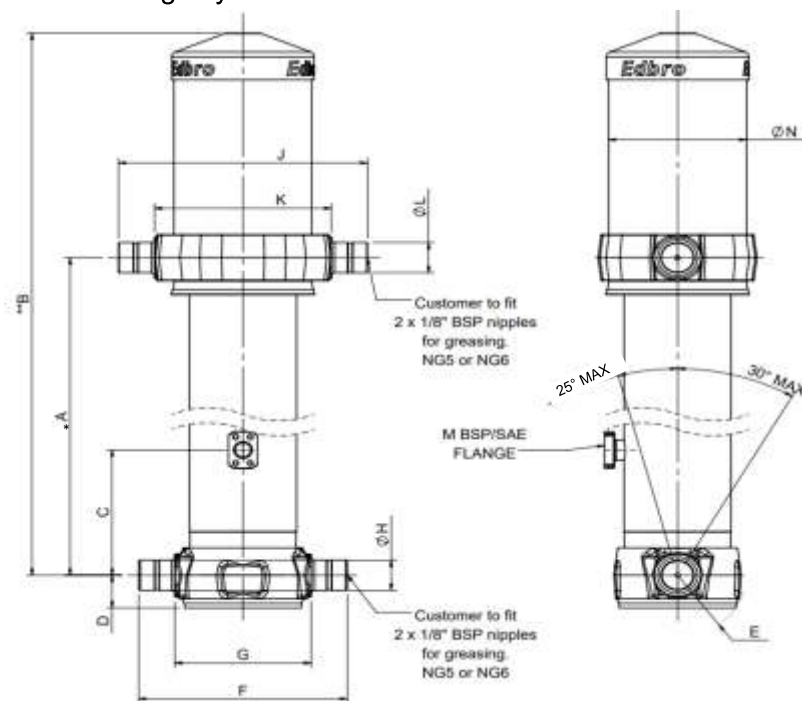


Datasheet for Cylinder HP170056733S25A14

5 stage cylinder with trunnion mount & outer cover



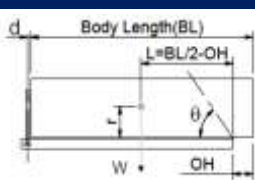
***For mtg ctrs, <800 $\alpha = 15^\circ \text{ max}$, $\geq 800 \alpha = 25^\circ \text{ max}$

*Incl 10mm pull out

** Allow 50mm to remove cap for servicing

Approx. weight 304kg

SPECIFICATION		TIPPING CAPACITY 42-64 TONNES		
Stage	Tube Diameter (mm)	Length (mm)	Stroke (mm)	Swept Volume (litres)
Base	191	1560.6	---	-
1st Stage	169	1550.6	1338.6	30
2nd Stage	149	1550.6	1348.6	23.5
3rd Stage	129	1550.6	1348.6	17.6
4th Stage	110	1550.6	1348.6	12.8
5th Stage	91	1550.6	1348.6	8.8
Total			6733	

TIPPING CAPACITY AT WORKING PRESSURE									
									
Bracket length d = 229									
BL	9200			8800			8400		
OH	200	500	800	200	500	800	200	500	800
θ	43°	45°	46°	45°	47°	49°	48°	49°	52°
r	600	42	45	48	43	46	50	45	48
	53								
	900	45	48	51	46	50	54	48	52
	58								
	1200	47	51	55	49	53	59	52	57
	64								

Higher working pressures and tipping capacities may be possible.
To check your application email - applications@edbro.co.uk

APPLICATION INFORMATION				
Working Pressure	242	bar	Swept Oil Volume	92.8 litres
Maximum Pressure	250	bar	Priming Volume	7.1 litres
Maximum 1st Stage Thrust	350	kN	Total Volume	99.9 litres

DIMENSIONS														
A	900	mm	D	65	mm	G	245	mm	K	318	mm	ØN	248	mm
B	1686	mm	E	123	mm	ØH	60.00 59.90	mm	ØL	60.00 59.90	mm			
C	250	mm	F	375	mm	J	448	mm	M	1" SAE / G1"				

Notes	
1.	This cylinder is intended for lifting purposes only and side load conditions should be avoided.
2.	Cylinder is painted in primer to RAL9005
3.	Refer to www.edbro.com for:-
	- Bracket details - Installation instructions that must be observed - Correct oil selection - An explanation of tipping capacity

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