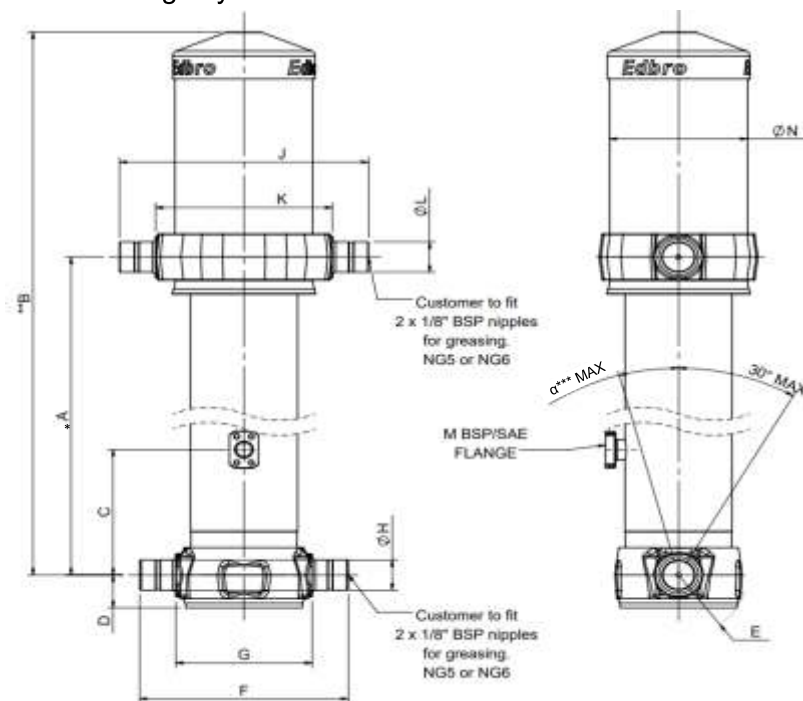


Datasheet for Cylinder HP170054105S19A11

5 stage cylinder with trunnion mount & outer cover



*Incl 10mm pull out

** Allow 50mm to remove cap for servicing

***For mtg ctrs, <800 α = 15° max,

≥800 α = 25° max

Approx. weight 228kg

SPECIFICATION		TIPPING CAPACITY 30-91 TONNES		
Stage	Tube Diameter (mm)	Length (mm)	Stroke (mm)	Swept Volume (litres)
Base	191	1035	---	-
1st Stage	169	1025	813	18.2
2nd Stage	149	1025	823	14.4
3rd Stage	129	1025	823	10.8
4th Stage	110	1025	823	7.8
5th Stage	91	1025	823	5.4
Total			4105	

TIPPING CAPACITY AT WORKING PRESSURE									
BL	5600			5350			5100		
OH	200	500	800	200	500	800	200	500	800
θ	43°	46°	49°	45°	48°	51°	48°	51°	54°
	600	30	34	40	31	36	44	33	39
r	900	33	39	47	35	42	54	37	46
	1200	37	44	58	40	50	70	43	57

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

APPLICATION INFORMATION					
Working Pressure	154	bar	Swept Oil Volume	56.5	litres
Maximum Pressure	250	bar	Priming Volume	4.6	litres
Maximum 1st Stage Thrust	350	kN	Total Volume	61.1	litres

DIMENSIONS														
A	345	mm	D	65	mm	G	245	mm	K	318	mm	ØN	248	mm
B	1161	mm	E	123	mm	ØH	60.00 59.90	mm	ØL	60.00 59.90	mm			
C	190	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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