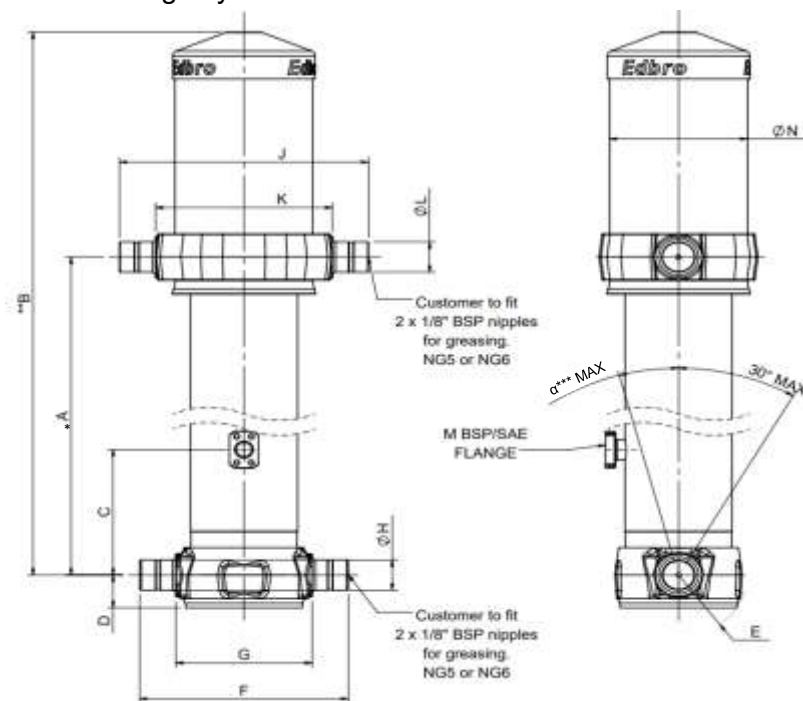


Datasheet for Cylinder HP170054230S19A11

5 stage cylinder with trunnion mount & outer cover



*Incl 10mm pull out

** Allow 50mm to remove cap for servicing

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

Approx. weight 232kg

SPECIFICATION		TIPPING CAPACITY 34-89 TONNES		
Stage	Tube Diameter (mm)	Length (mm)	Stroke (mm)	Swept Volume (litres)
Base	191	1060	---	-
1st Stage	169	1050	838	18.8
2nd Stage	149	1050	848	14.8
3rd Stage	129	1050	848	11.1
4th Stage	110	1050	848	8.1
5th Stage	91	1050	848	5.5
Total			4230	

TIPPING CAPACITY AT WORKING PRESSURE									
Bracket length d = 229									
BL	5800			5550			5300		
OH	200	500	800	200	500	800	200	500	800
θ	43°	45°	48°	45°	48°	51°	47°	50°	54°
600	34	38	44	35	40	48	37	43	52
r	900	37	43	52	39	46	57	41	50
1200	41	49	62	44	54	72	47	61	89

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

APPLICATION INFORMATION					
Working Pressure	175	bar	Swept Oil Volume	58.2	litres
Maximum Pressure	250	bar	Priming Volume	4.7	litres
Maximum 1st Stage Thrust	350	kN	Total Volume	63	litres

DIMENSIONS														
A	345	mm	D	65	mm	G	245	mm	K	318	mm	ØN	248	mm
B	1186	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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Hoppe-Truck-Hydraulik GmbH & Co.KG
 Püßelbürener Damm 244, 49479 Ibbenbüren
 Tel.: +49 (0) 5451-50230320, Fax: +49 (0) 5451-50230348
 Email: info@hoppe.parts Web: www.hoppe.parts

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