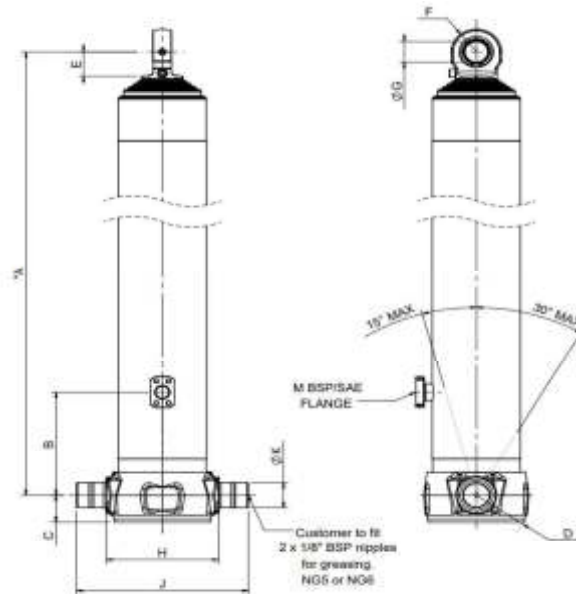


Datasheet for Cylinder HP170S55730S19A01

5 stage cylinder with trunnion mount & spherical eye



Final Stage Chrome Plated

Approx. weight 227kg

SPECIFICATION		TIPPING CAPACITY 36-62 TONNES		
Stage	Tube Diameter (mm)	Length (mm)	Stroke (mm)	Swept Volume (litres)
Base	191	1360	----	-
1st Stage	169	1350	1138	25.5
2nd Stage	149	1350	1148	20
3rd Stage	129	1350	1148	15
4th Stage	110	1350	1148	10.9
5th Stage	91	1350	1148	7.5
Total			5730	

Diagram showing the tipping capacity at working pressure. The diagram illustrates a tipping mechanism with a body length BL, a bracket length d, and a height OH. The formula L=BL/2-OH is provided. The bracket length d is specified as 150.

BL	7900			7550			7200			
OH	200	500	800	200	500	800	200	500	800	
θ	43°	45°	47°	46°	48°	50°	48°	50°	53°	
r	600	36	39	42	37	40	45	39	42	47
	900	38	42	46	40	44	49	42	47	54
	1200	41	45	51	43	48	56	46	52	62

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

APPLICATION INFORMATION										
Working Pressure		205	bar		Swept Oil Volume		78.9 litres			
Maximum Pressure		250	bar		Priming Volume		6.1 litres			
Maximum 1st Stage Thrust		265	kN		Total Volume		85.1 litres			
DIMENSIONS										
A		1429	mm		D 123 mm		ØG 50.025 50.000 mm		ØK 60.00 59.90 mm	
B		190	mm		E 58 mm		H 245 mm			
C		65	mm		F 55 mm		J 375 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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