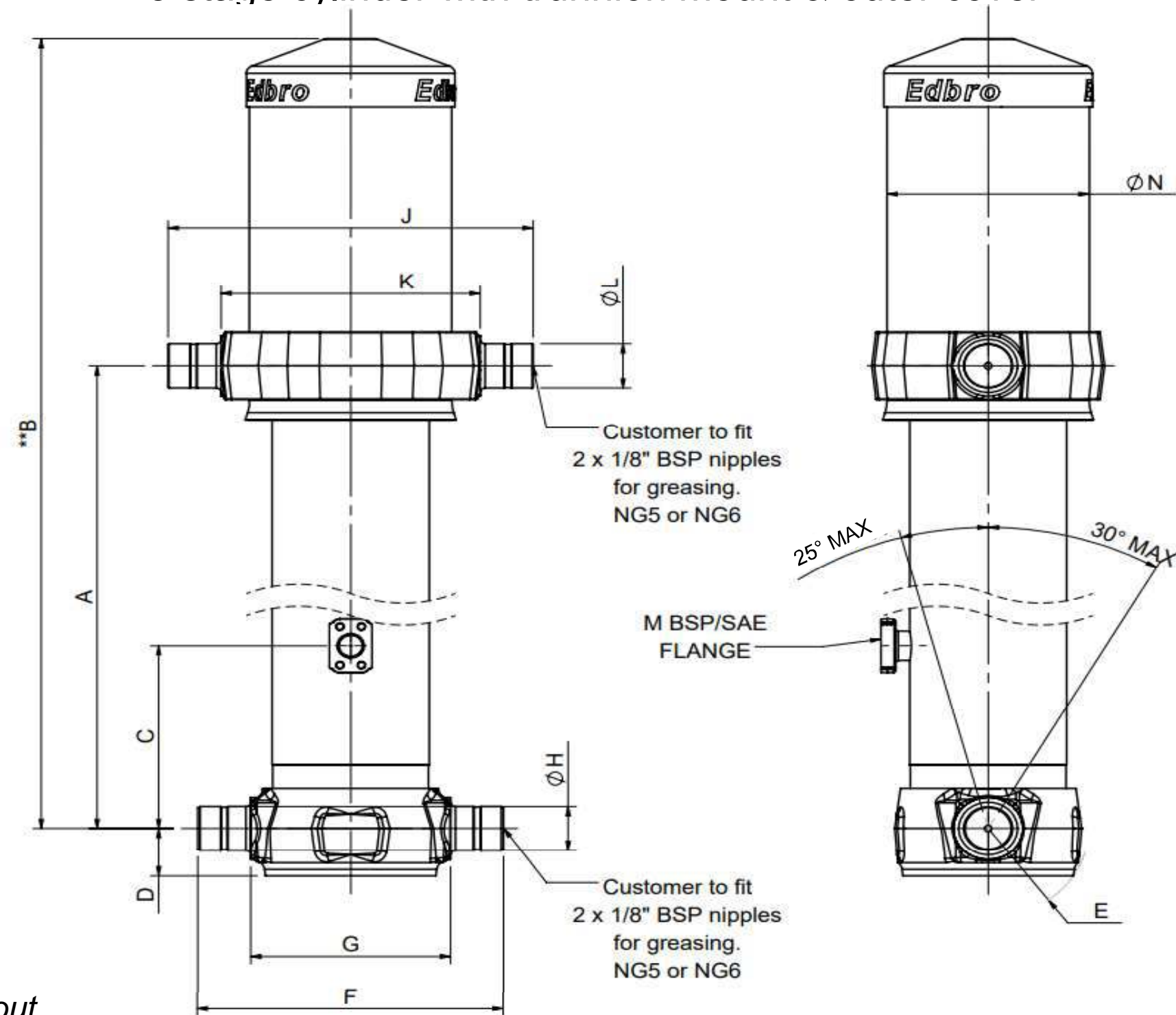


Datasheet for Cylinder HP170054730S19A11

5 stage cylinder with trunnion mount & outer cover



*Incl 10mm pull out

** Allow 50mm to remove cap for servicing

Approx. weight 249kg

SPECIFICATION		TIPPING CAPACITY 46-62 TONNES		
Stage	Tube Diameter (mm)	Length (mm)	Stroke (mm)	Swept Volume (litres)
Base	191	1160	---	-
1st Stage	169	1150	938	21
2nd Stage	149	1150	948	16,5
3rd Stage	129	1150	948	12,4
4th Stage	110	1150	948	9
5th Stage	91	1150	948	6,2
Total		4730		

Diagram illustrating the tipping capacity calculation parameters: Body Length (BL), Offset Height (OH), Weight (W), and Tipping Angle (θ). The formula for the tipping length is $L = BL/2 - OH$. The bracket length d is specified as 229 mm.

BL	6500			6200			5900		
OH	200	500	800	200	500	800	200	500	800
θ	43°	45°	47°	45°	47°	50°	47°	50°	53°
600	28	31	36	30	33	38	31	35	41
900	31	35	40	32	37	44	34	40	50
1200	34	39	46	36	42	52	39	47	62

APPLICATION INFORMATION				
Working Pressure	152	bar	Swept Oil Volume	65,1 litres
Maximum Pressure	250	bar	Priming Volume	5,2 litres
Maximum 1st Stage Thrust	250	kN	Total Volume	70,3 litres

DIMENSIONS														
A	345	mm	D	65	mm	G	245	mm	K	318	mm	ØN	248	mm
B	1286	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

Edbro

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