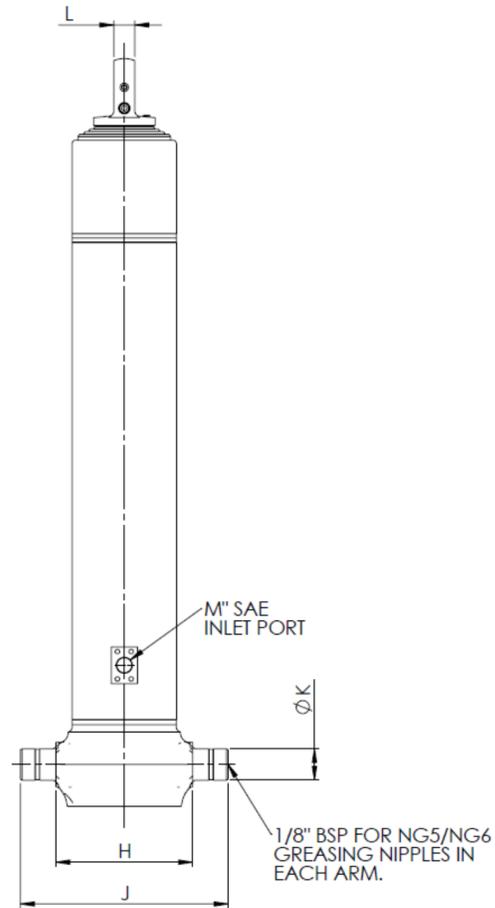
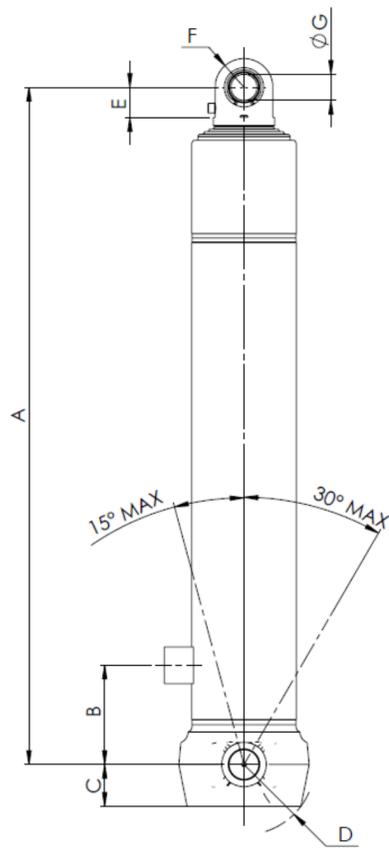


# Datasheet for Cylinder HP170S56980S70A01

5 stage cylinder with trunnion mount & spherical eye



Final Stage Chrome Plated

Approx. weight 259kg

SPECIFICATION		TIPPING CAPACITY 29-38 TONNES			TIPPING CAPACITY AT WORKING PRESSURE																																											
Stage	Tube Diameter (mm)	Length (mm)	Stroke (mm)	Swept Volume (litres)																																												
Base	191	1610	---	-	<table border="1"> <thead> <tr> <th colspan="6">BODY LENGTH (BL)</th> <th rowspan="2">OH</th> <th rowspan="2">d</th> <th rowspan="2">r</th> </tr> <tr> <th colspan="2">8730</th> <th colspan="2">9167</th> <th colspan="2">9603</th> </tr> </thead> <tbody> <tr> <td>31 t</td> <td>48°</td> <td>30 t</td> <td>46°</td> <td>29 t</td> <td>43°</td> <td>200</td> <td rowspan="3">150</td> <td rowspan="3">900</td> </tr> <tr> <td>34 t</td> <td>50°</td> <td>32 t</td> <td>47°</td> <td>31 t</td> <td>45°</td> <td>500</td> </tr> <tr> <td>38 t</td> <td>52°</td> <td>35 t</td> <td>49°</td> <td>33 t</td> <td>47°</td> <td>800</td> </tr> </tbody> </table>						BODY LENGTH (BL)						OH	d	r	8730		9167		9603		31 t	48°	30 t	46°	29 t	43°	200	150	900	34 t	50°	32 t	47°	31 t	45°	500	38 t	52°	35 t	49°	33 t	47°	800
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1st Stage	169	1600	1388	31.1																																												
2nd Stage	149	1600	1398	24.4																																												
3rd Stage	129	1600	1398	18.3																																												
4th Stage	110	1600	1398	13.3																																												
5th Stage	91	1600	1398	9.1																																												
Total			6980																																													

APPLICATION INFORMATION			
Working Pressure	162	bar	Swept Oil Volume 96.2 litres
Maximum Pressure	250	bar	Priming Volume 7.3 litres
Maximum 1st Stage Thrust	265	kN	Total Volume 103.5 litres

DIMENSIONS											
A	1678.5	mm	D	121	mm	ØG	50.025 / 50.000 mm	ØK	60.00 / 59.90 mm		
B	700	mm	E	58	mm	H	245	mm	L	40	mm
C	65	mm	F	55	mm	J	375	mm	M	1" SAE / G1"	

- Notes**
- This cylinder is intended for lifting purposes only and side load conditions should be avoided.
  - Cylinder is painted in primer to RAL5013
  - Refer to [www.edbro.com](http://www.edbro.com) for:-
    - Bracket details
    - Installation instructions that must be observed
    - Correct oil selection
    - An explanation of tipping capacity



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Technical Specifications are subject to change without notice  
 Date Created/Updated: 21/11/23  
 Refer [www.edbro.com](http://www.edbro.com) to confirm latest specification  
 All dimensions are in mm, unless otherwise stated