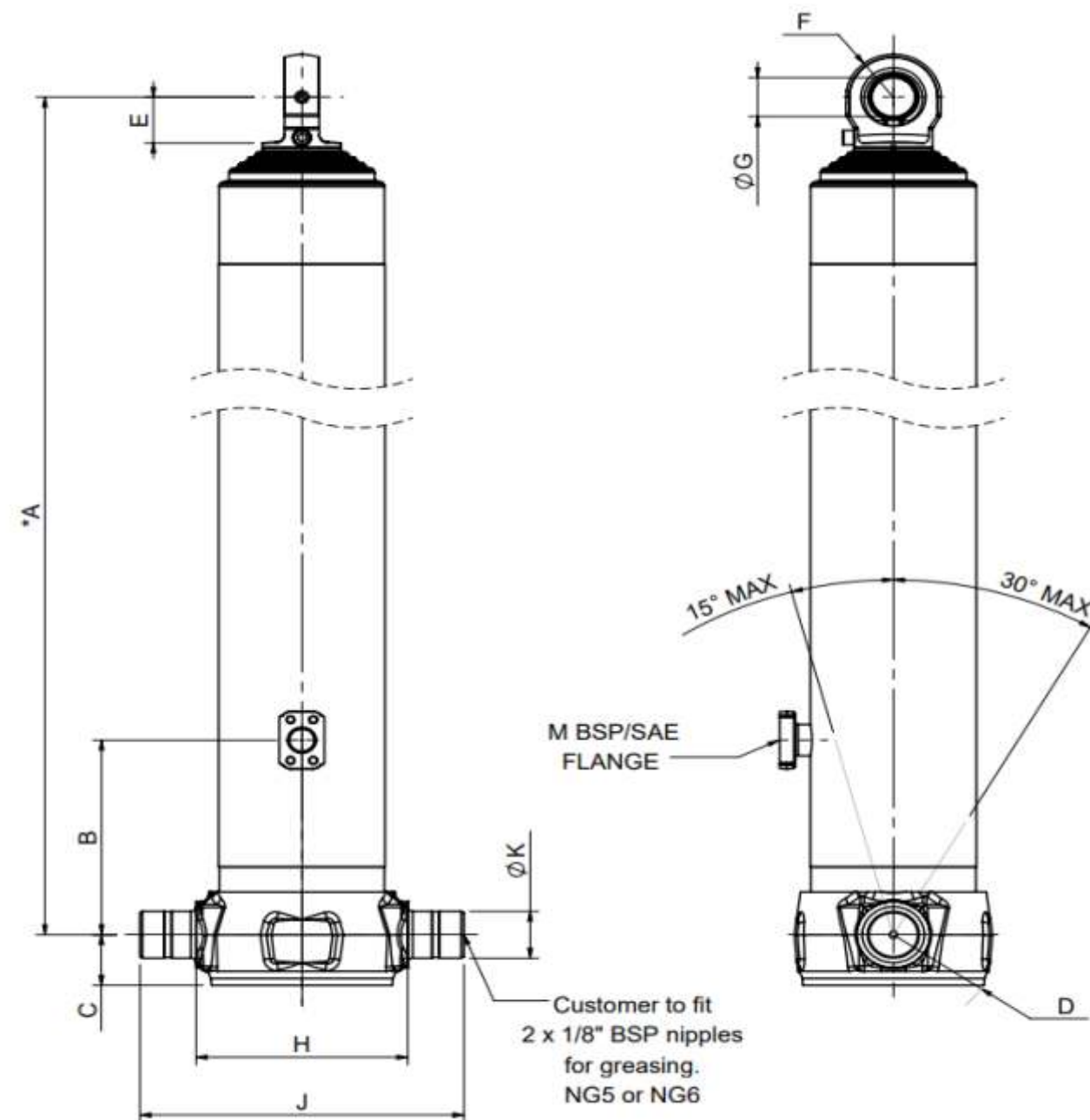


Datasheet for Cylinder HP170S56605S19F01

5 stage cylinder with trunnion mount & spherical eye



Final Stage Chrome Plated

Approx. weight 240kg

SPECIFICATION		TIPPING CAPACITY 32-51 TONNES		
Stage	Tube Diameter (mm)	Length (mm)	Stroke (mm)	Swept Volume (litres)
Base	191	1585	----	-
1st Stage	169	1575	1363	30.6
2nd Stage	149	1575	1373	23.9
3rd Stage	129	1575	1373	17.9
4th Stage	110	1575	1373	13
5th Stage	91	1575	1123	7.3
		Total	6605	

Bracket length d = 150

BL	9100			8700			8300			
OH	200	500	800	200	500	800	200	500	800	
θ	43°	45°	47°	46°	47°	49°	48°	50°	52°	
r	600	32	34	37	33	35	38	34	37	41
	900	34	36	39	35	38	42	37	40	45
	1200	36	39	43	38	41	46	40	44	51

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

APPLICATION INFORMATION				
Working Pressure	183	bar	Swept Oil Volume	92.8 litres
Maximum Pressure	250	bar	Priming Volume	7.2 litres
Maximum 1st Stage Thrust	265	kN	Total Volume	100 litres

DIMENSIONS											
A	1653.5	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 RAL5013
3.	Refer to www.edbro.com for:- - Bracket details - Installation instructions that must be observed - Correct oil selection - An explanation of tipping capacity

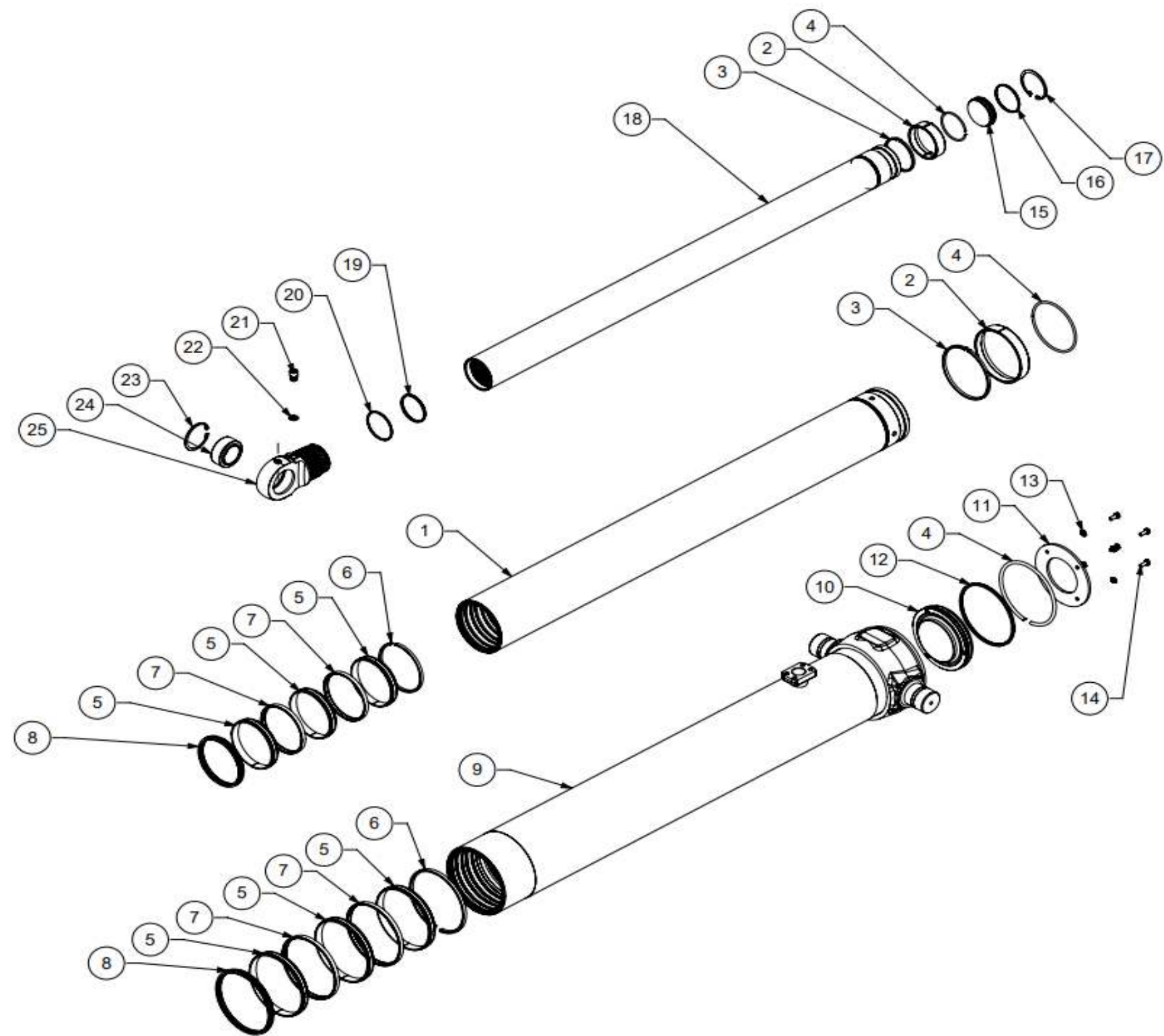
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HTH HOPPE PARTS

HP170S56605S19F01 Spare Parts Diagram

5 stage cylinder with trunnion mount & spherical eye



PARTS	REF	PART NUMBERS					
Base tube	9	HPBA191S19011585					
		1st Stage	2nd Stage	3rd Stage	4th Stage	5th Stage	
Inters	1	HPIN1690011575	HPIN1490011575	HPIN1290011575	HPIN1100011575		
Small Inner	18	HPSI091F0011575C					
Seal Kit		SKPB175/01	(SEALS ARE SOLD AS A KIT ONLY - INDIVIDUAL PARTS ARE UNAVAILABLE)				
		Base tube	1st Stage	2nd Stage	3rd Stage	4th Stage	5th Stage
Main Seals	7	SAM169/12	SAM149/12	SAM129/12	SAM110/12	SAM91/12	
Head Bearings	5	BRH169/12	BRH149/12	BRH129/12	BRH110/12	BRH91/12	
Wiper Seal	8	EWM169/12	EWM149/12	EWM129/12	EWM110/12	EWM91/12	
Base Pad Seal	12	OR161/5.33/N/70	OR161/5.33/N/90/AE				
Blanking Plug Seal	16	OR71/2.62/N/70	OR71/2.62/N/90/AE				
Cross Head Seals	19 & 20	OR73/3.53/N/70	OR69/3.53/N/70	OR69/3.53/N/90/AE			
		Base tube	1st Stage	2nd Stage	3rd Stage	4th Stage	5th Stage
Spring washer	13	WS550/M8/ZP					
Bolts	14	BM8/C/20/ZP					
Snap Ring	4	SRM175/02	SRM155/01	SRM135/01	SRM116/01	SRM97/01	SRM78/05
Internal Stop Ring	6	SRM180/07	SRM159/07	SRM139/07	SRM119/07	SRM81/07	
External Stop Ring	3		SRM163/06	SRM144/06	SRM124/06	SRM106/06	SRM87/06
Slider Bearing	2		BRS169/02	BRS149/02	BRS129/02	BRS110/02	BRS91/02
Locking Screw		KE74					
Cross Head	25	RCE91/01					
Bearing	24	BJ37					
Circlip	23	PS149/75					
Bleed Plug	21	PA39					
Dowty Washer	22	DPP45B/SC					
Base pad	10	RBM191/01					
Base Pad Ring	11	BPR191/01					
Blanking Plug	15	EC91/01					
Blanking Plug Clip	17	PS149/80					