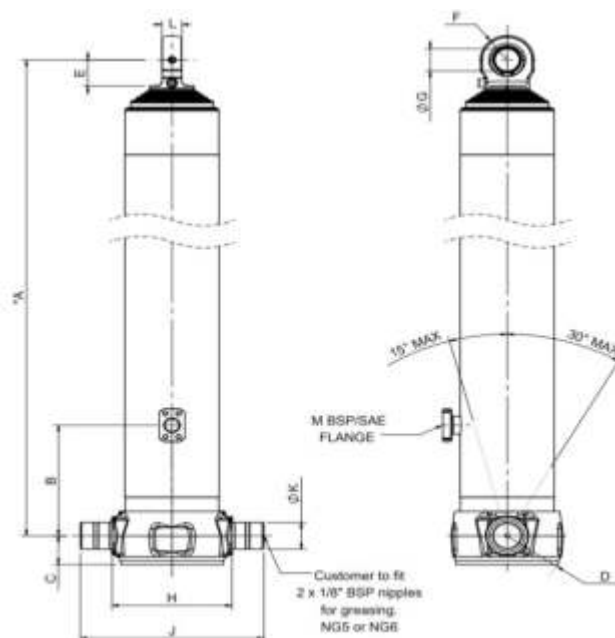


Datasheet for Cylinder HP170S57730S19A03

5 stage cylinder with trunnion mount & spherical eye



Final Stage Chrome Plated

Approx. weight 286kg

SPECIFICATION		TIPPING CAPACITY 21-30 TONNES		
Stage	Tube Diameter (mm)	Length (mm)	Stroke (mm)	Swept Volume (litres)
Base	191	1760	---	-
1st Stage	169	1750	1538	34.5
2nd Stage	149	1750	1548	27
3rd Stage	129	1750	1548	20.2
4th Stage	110	1750	1548	14.7
5th Stage	91	1800	1548	10.1
Total			7730	

TIPPING CAPACITY AT WORKING PRESSURE									
BL	10700			10200			9700		
OH	200	500	800	200	500	800	200	500	800
θ	43°	45°	46°	45°	47°	49°	48°	50°	52°
600	21	22	24	22	23	24	22	24	26
r	900	22	23	25	23	24	26	24	26
1200	23	25	26	24	26	28	25	27	30

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

APPLICATION INFORMATION					
Working Pressure	126	bar	Swept Oil Volume	106.5	litres
Maximum Pressure	250	bar	Priming Volume	8	litres
Maximum 1st Stage Thrust	250	kN	Total Volume	114.5	litres

DIMENSIONS											
A	1879	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	L	40	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

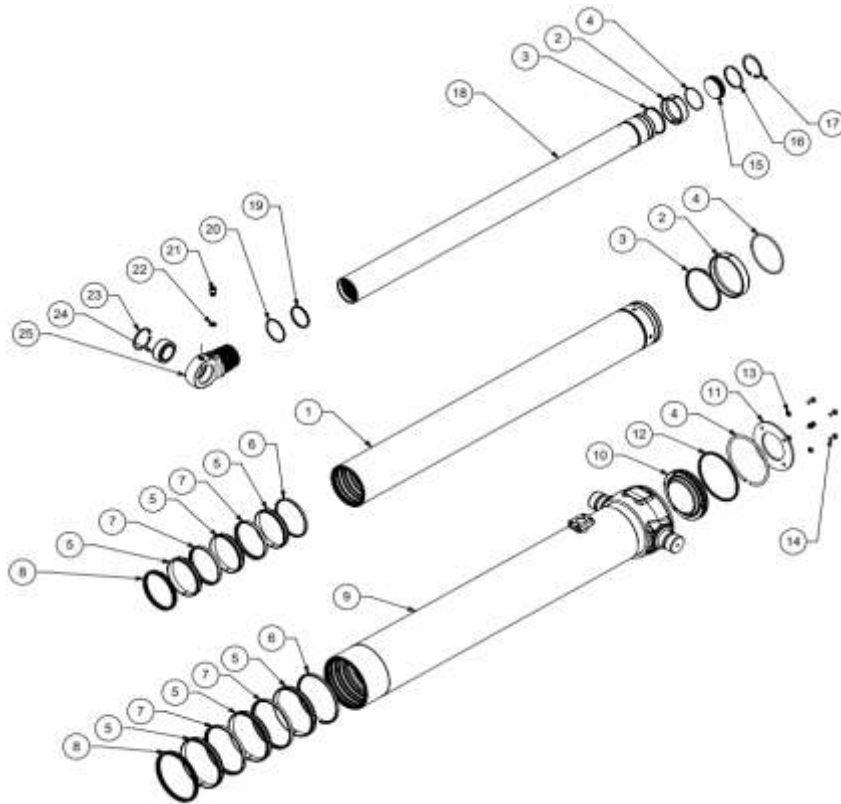
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HTH HOPPE PARTS

HP170S57730S19A03 Spare Parts Diagram

5 stage cylinder with trunnion mount & spherical eye



PARTS	REF	PART NUMBERS					
Base tube	9	HPBA191S19011760					
		1st Stage	2nd Stage	3rd Stage	4th Stage	5th Stage	
Inters	1	HPIN1690011750	HPIN1490011750	HPIN1290011750	HPIN1100011750		
Small Inner	18	HPSI091A0011800C					
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	EC91/02					
Blanking Plug Clip	17	PS149/80					