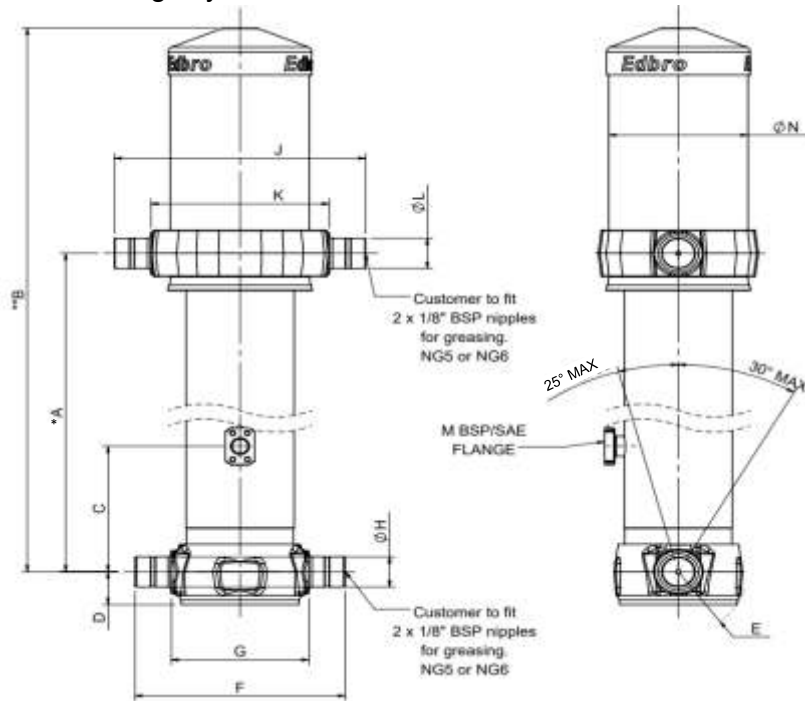


Datasheet for Cylinder HP170055730S25A15

5 stage cylinder with trunnion mount & outer cover



*Incl 10mm pull out

** Allow 50mm to remove cap for servicing

Approx. weight 267kg

SPECIFICATION					TIPPING CAPACITY 35-59 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 illustrating the tipping mechanism dimensions:

- Body Length (BL)
- L = BL/2 - OH
- Bracket length d = 229
- W
- OH
- θ

TIPPING CAPACITY AT WORKING PRESSURE									
BL	7900			7550			7200		
OH	200	500	800	200	500	800	200	500	800
θ	43°	45°	47°	45°	47°	49°	47°	50°	52°
r	600	35	38	41	36	39	43	37	41
	900	37	40	45	39	42	48	40	45
	1200	40	44	49	42	46	53	44	50

Higher working pressures and tipping capacities may be possible.

To check your application email - applications@edbro.co.uk

APPLICATION INFORMATION				
Working Pressure	196	bar	Swept Oil Volume	78.9 litres
Maximum Pressure	250	bar	Priming Volume	6.1 litres
Maximum 1st Stage Thrust	250	kN	Total Volume	85.1 litres

DIMENSIONS														
A	1035	mm	D	65	mm	G	245	mm	K	318	mm	ØN	248	mm
B	1486	mm	E	123	mm	ØH	60.00 59.90	mm	ØL	60.00 59.90	mm			
C	250	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
3.	Refer to www.edbro.com for:- - Bracket details - Installation instructions that must be observed - Correct oil selection - An explanation of tipping capacity

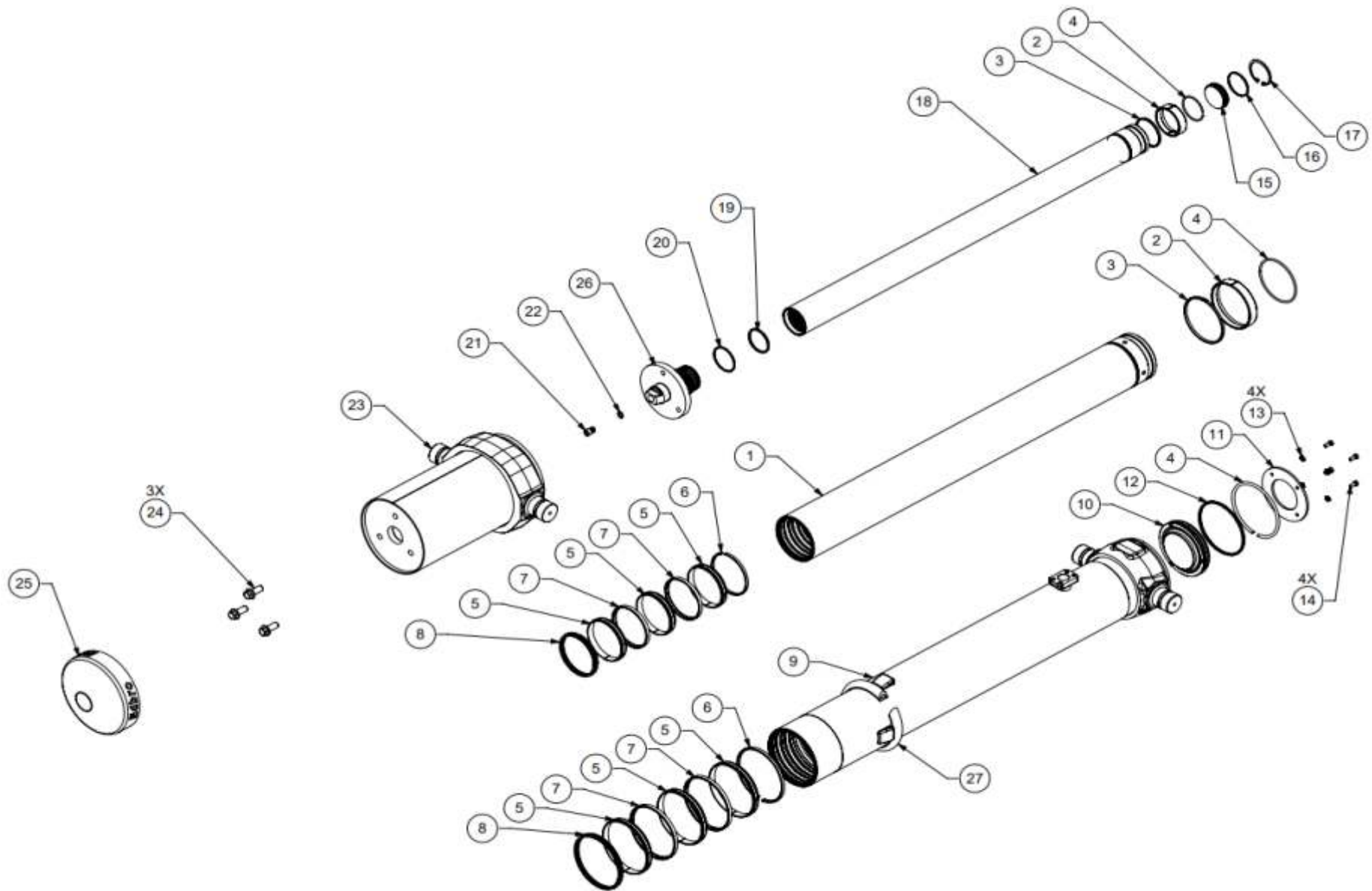
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HTH HOPPE PARTS

HP170055730S25A15 Spare Parts Diagram

5 stage cylinder with trunnion mount & outer cover



PARTS	REF	PART NUMBERS						
Base tube	9	HPBA191S25A15011360						
		1st Stage	2nd Stage	3rd Stage	4th Stage	5th Stage		
Inters	1	HPIN1690011350	HPIN1490011350	HPIN1290011350	HPIN1100011350			
Small Inner	18	HPSI091A0011350						
Outer Cover	23	6221050470						
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	6th 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					
3 Bolt Fixing 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	6th 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	SRM78/05		
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	
Anti Rattle Ring	27	ARK191/01						
Locking Screw		KE74						
3 Bolt Fixing	26	REM91/01						
Bleed Plug	21	PA39						
Dowty Washer	22	DPP45B/SC						
Cover Bolts	24	KS289/M16/040						
Base pad	10	RBM191/01						
Base Pad Ring	11	BPR191/01						
Blanking Plug	15	EC91/02						
Blanking Plug Clip	17	PS149/80						
Outer cover cap	25	OCM248/01						