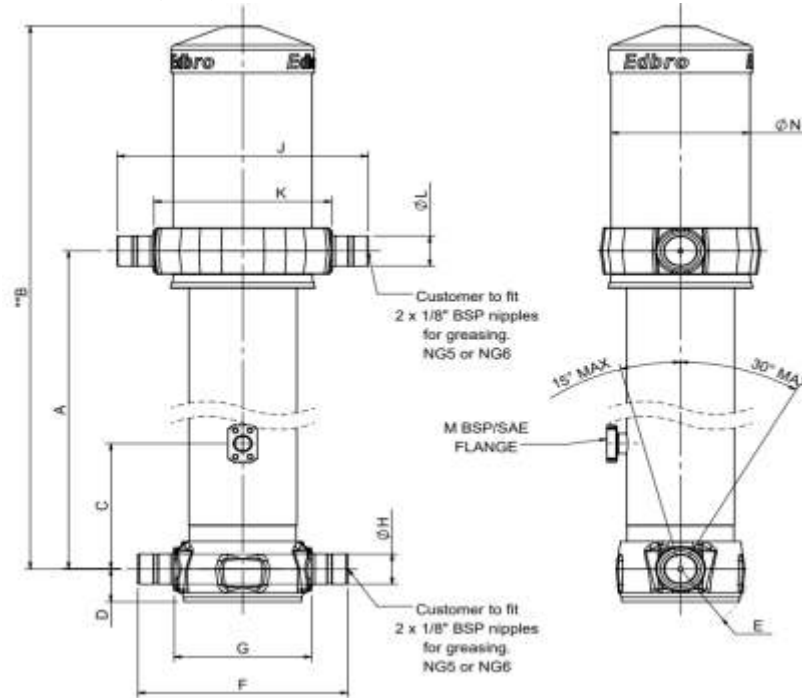


Datasheet for Cylinder HP170057480S25A15

5 stage cylinder with trunnion mount & outer cover



** Allow 50mm to remove cap for servicing

Approx. weight 326kg

SPECIFICATION

TIPPING CAPACITY 32-46 TONNES

TIPPING CAPACITY AT WORKING PRESSURE

Bracket length d = 229

Stage	Tube Diameter (mm)	Length (mm)	Stroke (mm)	Swept Volume (litres)
Base	191	1710	----	-
1st Stage	169	1700	1488	33.4
2nd Stage	149	1700	1498	26.1
3rd Stage	129	1700	1498	19.6
4th Stage	110	1700	1498	14.2
5th Stage	91	1700	1498	9.7
Total			7480	

BL	10300			9850			9400		
OH	0	500	800	0	500	800	0	500	800
θ	42°	44°	46°	44°	46°	48°	46°	49°	51°
600	32	34	36	32	35	38	33	37	39
900	33	36	38	34	37	40	35	39	43
1200	34	38	41	36	40	43	37	42	46

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

APPLICATION INFORMATION																								
Working Pressure		190	bar		Swept Oil Volume		103.1 litres																	
Maximum Pressure		250	bar		Priming Volume		7.8 litres																	
Maximum 1st Stage Thrust		350	kN		Total Volume		110.9 litres																	
DIMENSIONS																								
A		1035	mm		D		65	mm		G		245	mm		K		318	mm		ØN		248	mm	
B		1836	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																						

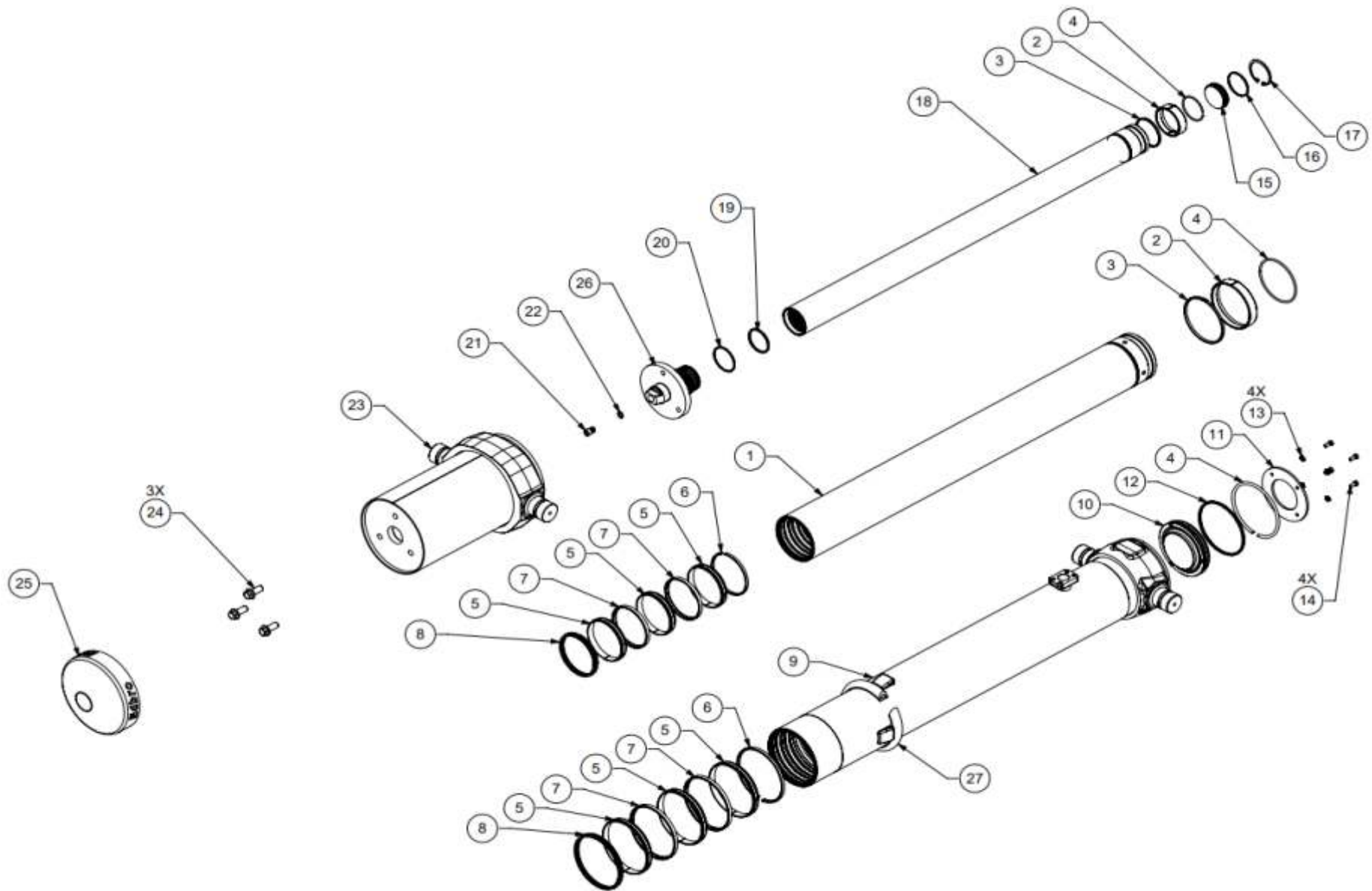
Edbro

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HTH HOPPE PARTS

HP170057480S25A15 Spare Parts Diagram

5 stage cylinder with trunnion mount & outer cover



PARTS	REF	PART NUMBERS						
Base tube	9	HPBA191S25A15011710						
		1st Stage	2nd Stage	3rd Stage	4th Stage	5th Stage		
Inters	1	HPIN1690011700	HPIN1490011700	HPIN1290011700	HPIN1100011700			
Small Inner	18	HPSI091A0011700						
Outer Cover	23	6221050820						
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						