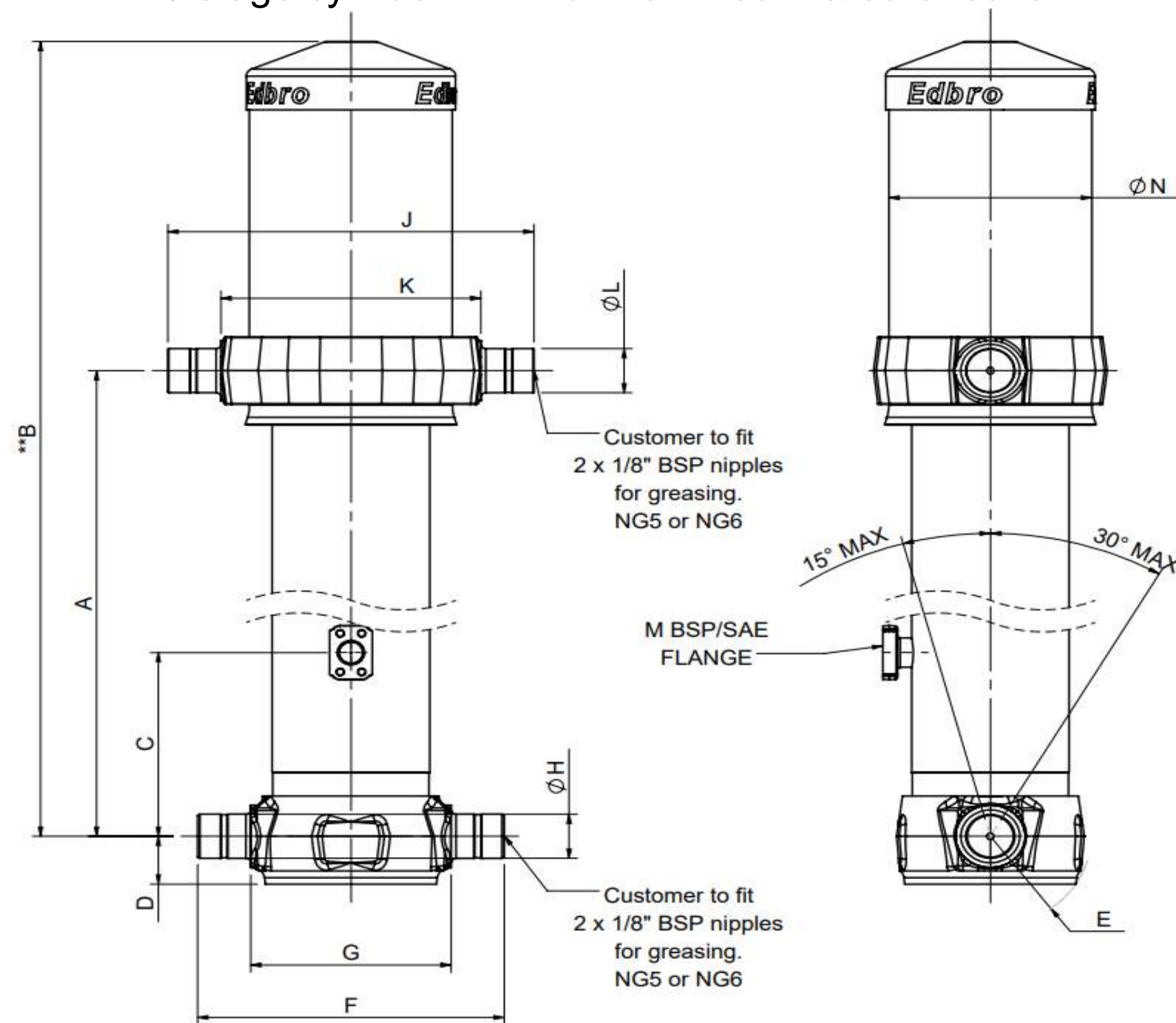


Datasheet for Cylinder HP170057730S19A11

5 stage cylinder with trunnion mount & outer cover



** Allow 50mm to remove cap for servicing

Approx. weight 328kg

SPECIFICATION		TIPPING CAPACITY 42-59 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	1750	1548	10.1

APPLICATION INFORMATION					
Working Pressure	247	bar	Swept Oil Volume	106.5	litres
Maximum Pressure	250	bar	Priming Volume	8	litres
Maximum 1st Stage Thrust	265	kN	Total Volume	114.5	litres

DIMENSIONS														
A	345	mm	D	65	mm	G	245	mm	K	318	mm	ØN	248	mm
B	1875	mm	E	123	mm	ØH	60.00 59.90	mm	ØL	60.00 59.90	mm			
C	190	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 RAL5013
3.	Refer to www.edbro.com for:- - Bracket details - Installation instructions that must be observed - Correct oil selection - An explanation of tipping capacity

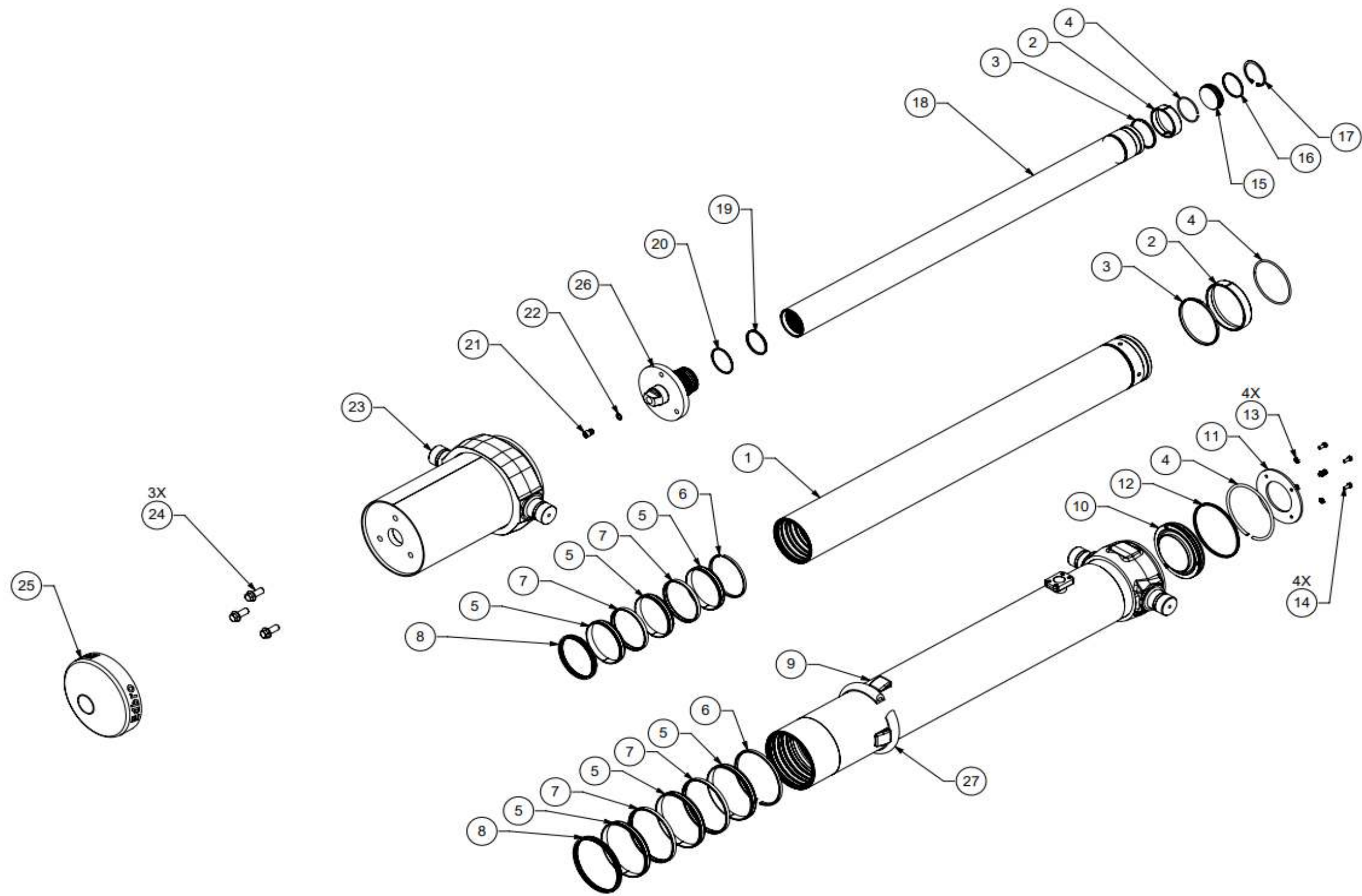
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HTH HOPPE PARTS

HP170057730S19A11 Spare Parts Diagram

5 stage cylinder with trunnion mount & outer cover



PARTS	REF	PART NUMBERS					
Base tube	9	HPBA191S19A11011760					
		1st Stage	2nd Stage	3rd Stage	4th Stage	5th Stage	
Inters	1	HPIN1690011750	HPIN1490011750	HPIN1290011750	HPIN1100011750		
Small Inner	18	HPSI091A0011750					
Outer Cover	23	6221061560					
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				
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
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	EC91/01					
Blanking Plug Clip	17	PS149/80					
Outer cover cap	25	OCM248/01					