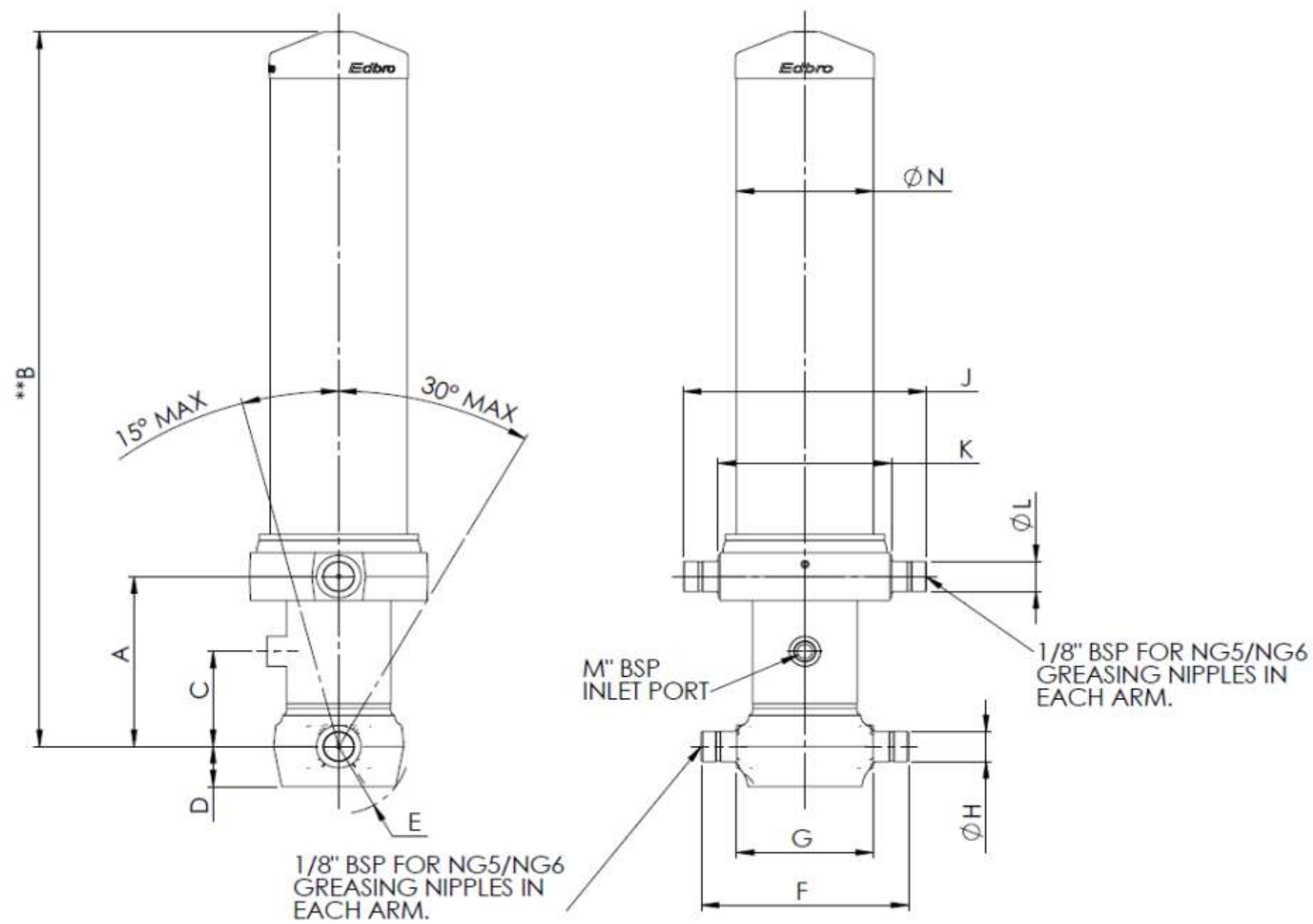


Datasheet for Cylinder CS18L059483B25A17

5 stage lightweight cylinder with trunnion mount & outer cover



** Allow 50mm to remove cap for servicing

Approx. weight 372kg

SPECIFICATION		TIPPING CAPACITY 23-27 TONNES		
Stage	Tube Diameter (mm)	Length (mm)	Stroke (mm)	Swept Volume (litres)
Base	210.5	2125	----	-
1st Stage	188	2090	1870	51.9
2nd Stage	167	2090	1887	41.3
3rd Stage	147	2090	1897	32.2
4th Stage	127	2090	1912	24.2
5th Stage	105	2090	1917	16.6
		Total	9483	

The diagram illustrates the geometry of the cylinder body. It shows a cross-section with a diameter 'd'. The total length is 'Body Length (BL)'. A vertical line from the top center to the bottom center is labeled 'L=BL/2-OH'. The distance from the bottom center to the bottom edge is 'OH'. The angle between the vertical line and the bottom edge is 'θ'. The weight 'W' is shown acting downwards from the center.

BODY LENGTH (BL)						OH	d	r
11850		12443		13035				
24 t	48°	23 t	45°	23 t	43°	200	158	900
26 t	49°	25 t	47°	24 t	44°	500		
27 t	51°	26 t	48°	25 t	45°	800		

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

APPLICATION INFORMATION				
Working Pressure	100	bar	Swept Oil Volume	166.3 litres
Maximum Pressure	190	bar	Priming Volume	31.6 litres
Maximum 1st Stage Thrust	265	kN	Total Volume	197.8 litres

DIMENSIONS														
A	1278	mm	D	55	mm	G	245	mm	K	330	mm	ØN	261	mm
B	2229	mm	E	126	mm	ØH	60.00 59.90	mm	ØL	60.00 59.90	mm			
C	250	mm	F	386	mm	J	462	mm	M	G1.1/4				

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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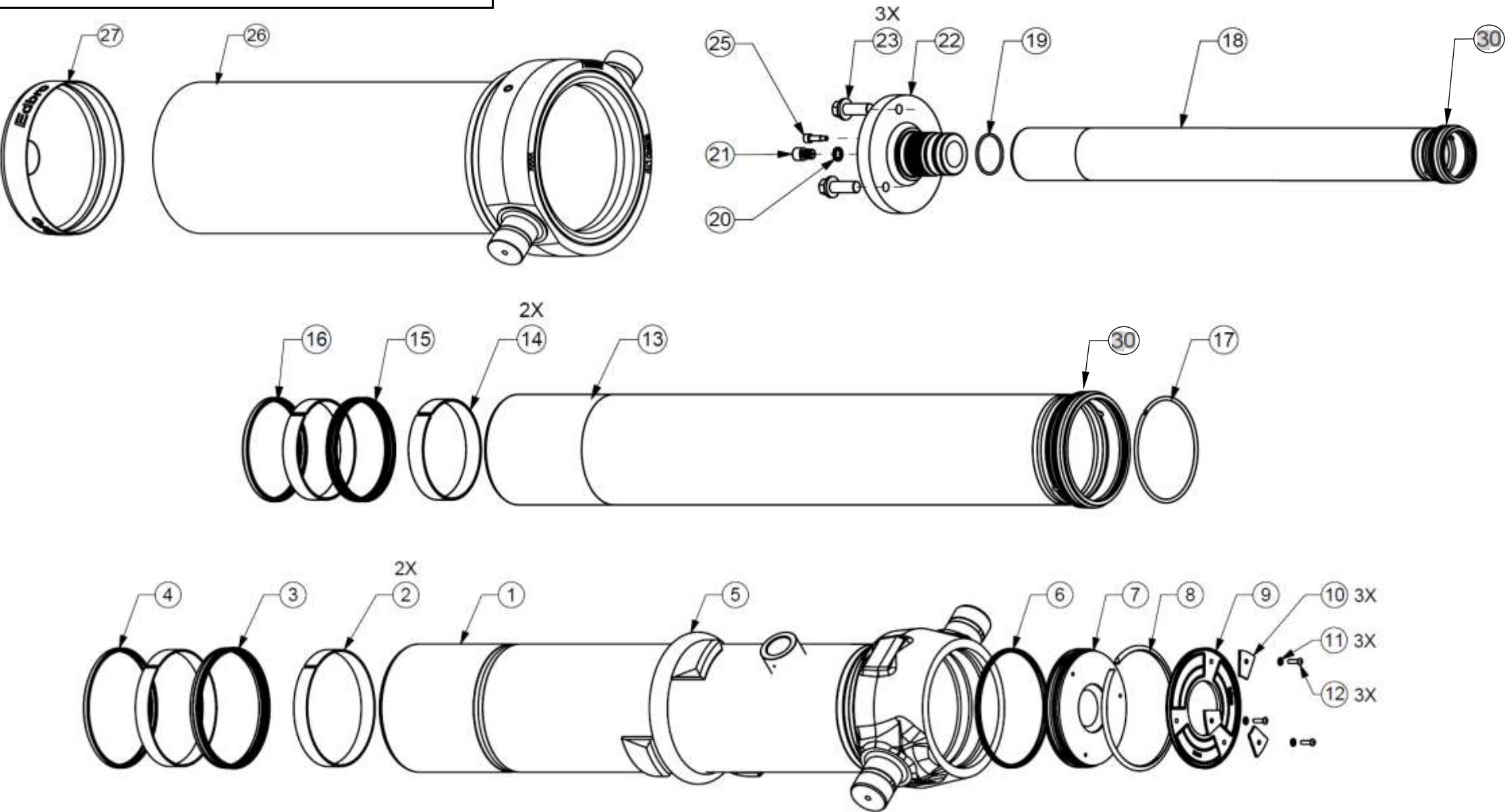
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HTH HOPPE PARTS

CS CYLINDER Spare Parts Drawing



CS18L059483B25A17



PARTS	REF	PART NUMBERS						
Base tube	1	747N3502125						
		1st Stage	2nd Stage	3rd Stage	4th Stage	5th Stage	6th Stage	
Inters	13	765P7012090	765R7012090	765S7012090	765T7012090			
Small Inner	18	776W7012090						
Outer Cover	26	6221070945						
Seal Kit		SKITCS185B	(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 Seal	3 & 15	SAM188/03	SAM167/03	SAM147/03	SAM127/03	SAM105/03		
Head Bearings	2 & 14	BRH188/04/LF	BRH167/04/LF	BRH147/04/LF	BRH127/04/LF	BRH105/04/LF		
Wiper Seal	4 & 16	EWM188/01	EWM167/01	EWM147/01	EWM127/01	EWM105/01		
Base Pad Seal	6	SAM196/01						
Environmental Pad	9	EC534						
Segmented Washer	10	SP4006						
Spring lock washer	11	WS550/M6/ZP						
Bolts	12	KS218/M6/20/ZP						
		Base tube	1st Stage	2nd Stage	3rd Stage	4th Stage	5th Stage	6th Stage
Snap Rings	8 & 17	SRM196/02	SRM175/01	SRM155/01	SRM135/01	SRM113/01		
Slider Bearings	30	----	BRS188/01	BRS167/01	BRS147/01	BRS127/01	BRS105/01	
Anti Rattle Ring	5	ARK837/01						
Locking Screw	25	KS307						
3 Bolt Fixing	22	REM105/02						
O Ring	19	OR150LN						
Bleed Plug	21	PA39						
Dowty Washer	20	DPP45B/SC						
M16 Bolts	23	KS289/M16/040						
Base pad	7	RBM210/04						
Outer cover cap	27	OC1025						