



DELTA CYLINDER

Specifications and Performance



Identification	S2-45BT-3-2900 Model 0001A2670 Series 2000 DELHOIST
Description	3 stage Chromed Single acting Telescopic HD Trunnion Displacement Cylinder
Application	FOB Suspension Tube Mount 3.3m – 3.8 m tip body
Stroke	2900mm
48° Bottom Pivot	3540 mm
1 st Stage thrust max.	13.5 tonnes (135KN)
Max. tip angle	49.4°
Rated Pressure	2500psi (172bar)
Max Pressure	3100psi (214bar)
Mass (brackets incl.)	89 kgs
Swept Volume	12 L
Closed Centres	257mm
Overall Closed Length	1315 mm
Lift Bracket offset	140mm
Lift Bracket foot print	302 x 300mm
Lift Bracket bolt pattern	262 x 78+162mm
Front Mount Height	65 mm
Foot Mount Bolt Pattern	188 x 95mm
Trunnion Journal Ø	45mm
Base Tube Ø	4.5" (114mm)
Trunnion Ø	138mm approx.
Suspension Tube Ø	135mm nom.
Suspension Journal Ø	38mm
Port Size	1-1/16" UNO
Port offset	TBA

TIP ANGLE°	400	300	200	100	0	OVERHANG	0	100	200	300	400	CAPACITY (t)
						BODY LENGTH						
					49	3.3m	10					
				49	48	3.4m	10	10				
			49	48	47	3.5m	10	10	11			
		49	48	47	45	3.6m	10	10	10	11		
49	48	47	45	44		3.7m	9	10	10	10	11	
48	47	45	44	43		3.8m	9	9	10	10	11	

End of Stroke (EOS) performance is based on 172 bar working pressure, a 20mm pull out and a 500mm CoG height above the rear hinge.

Notes:
this worksheet is a guide only

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