



S2 45BT 3 3300

DELTA CYLINDER

Specifications and Performance



Identification	S2 -45BT -3-3300 Model 0001A2023 Series 2000 D ELHOIST
Description	3 stage Chromed Single acting Telescopic HD Trunnion Displacement Cylinder
Application	FOB Suspension Tube Mount 3.8m – 4.3 m tip body
Stroke	3300 mm
48° Bottom Pivot	4040 mm
1 st Stage thrust max.	13.5 tonnes (135 KN)
Max. tip angle	49.4°
Rated Pressure	2500psi (172bar)
Max Pressure	3100psi (214 bar)
Mass (brackets incl.)	95 kgs
Swept Volume	13 L
Closed Centres	257 mm
Overall Closed Length	1424 mm
Lift Bracket offset	140 mm
Lift Bracket foot print	302 x 300 mm
Lift Bracket bolt pattern	262 x 78 + 162 mm
Foot Mount Height	65 mm
Foot Mount Bolt Pattern	188 x 10 5mm
Trunnion Journal Ø	45 mm
Base Tube Ø	4.5" (114mm)
Trunnion Ø	138 mm 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	3.8m	10					
				49	48	3.9m	10	10				
			49	48	47	4.0m	10	10	11			
		49	48	47	46	4.1m	10	10	10	11		
49	48	47	46	45	44	4.2m	9	10	10	10	11	
48	47	46	45	44	43	4.3m	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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