

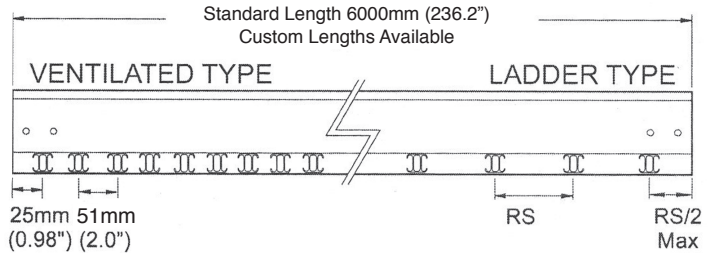
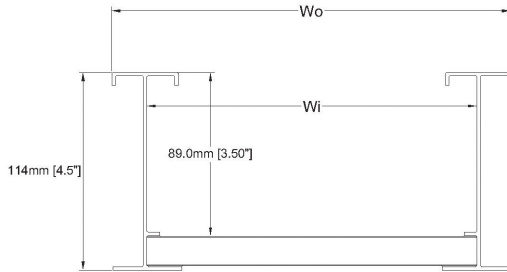
ALUMINUM D₁ REGULAR LADDER TRAY - 114mm (4.5”), 6m Span

DESIGN FACTORS FOR 2 SIDERAILS:

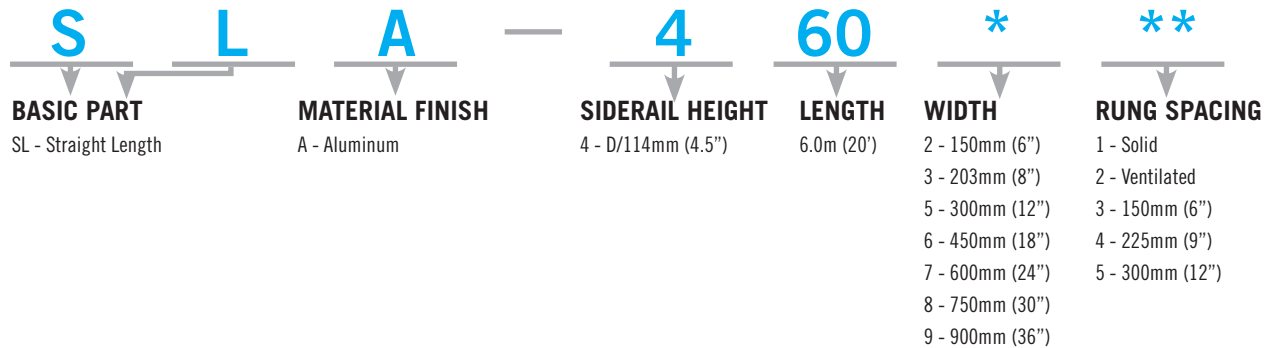
$$I_x = 204.91\text{cm}^4 \text{ (4.923in}^4\text{)}$$

$$S_x = 34.64\text{cm}^3 \text{ (2.114in}^3\text{)}$$

Classification	NEMA 20A	CSA D/6m
Siderail Height	114mm	(4.5”)
Loading Depth	89.5mm	(3.52”)
Maximum Load Test	67kg/m	(45lb/ft)
Deflection	119.4mm	(4.70”)
Material Finish	6063-T5 Extruded Aluminum	



To complete catalogue number insert the appropriate prefixes (2) in place of asterisks.



WIDTH				VENTILATED	LADDER RUNG TYPE RUNG SPACING (RS)				BLIND END CONNECTOR	DROP OUT	TRAY COVER eg: Solid(S)
Wi	Wo	Wi	Wo		51mm (2")	150mm (6")	225mm (9")	300mm (12")		RADIUS	
mm	(in)	mm	(in)	Catalogue Number				Page 47	Page 47	Page 39	
150	(6)	203	(8.0)	SLA-46022	SLA-46023	SLA-46024	SLA-46025	BEA-22	DOA-42	SLA-8302S	
203	(8)	256	(10.1)	SLA-46032	SLA-46033	SLA-46034	SLA-46035	BEA-23	DOA-43	SLA-8303S	
300	(12)	353	(13.9)	SLA-46052	SLA-46053	SLA-46054	SLA-46055	BEA-25	DOA-45	SLA-8305S	
450	(18)	503	(19.8)	SLA-46062	SLA-46063	SLA-46064	SLA-46065	BEA-26	DOA-46	SLA-8306S	
600	(24)	653	(25.7)	SLA-46072	SLA-46073	SLA-46074	SLA-46075	BEA-27	DOA-47	SLA-8307S	
750	(30)	803	(31.6)	SLA-46082	SLA-46083	SLA-46084	SLA-46085	BEA-28	DOA-48	SLA-8308S	
900	(36)	953	(37.5)	SLA-46092	SLA-46093	SLA-46094	SLA-46095	BEA-29	DOA-49	SLA-8309S	

STANDARD COMPONENTS		
Description	Catalogue #	Page #
Reducer Connector	RCA-2**	47
Expansion Connector	ECA-2	43
Vert. Adj. Connector	VCA-2	43
Clamp / Guide	CGA-1	48
Universal Connector	UCA-2	43
Box / Tray Connector	BTA-2	43
Straight Barrier (3m)	SBA-2	50
Adj. Hor. Connector	AHA-2	18

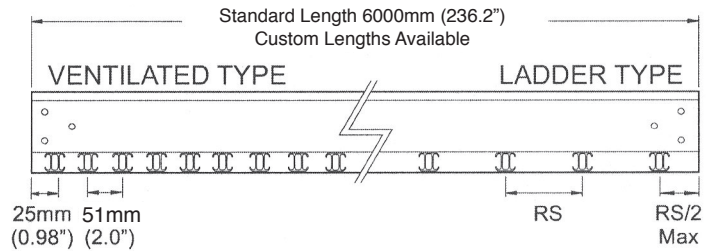
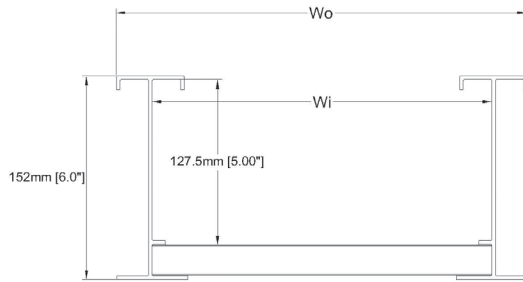
ALUMINUM D₁ TALL LADDER TRAY - 152mm (6.0"), 6m Span

DESIGN FACTORS FOR 2 SIDERAILS:

$$I_x = 459.48\text{cm}^4 (11.039\text{in}^4)$$

$$S_x = 59.22\text{cm}^3 (3.614\text{in}^3)$$

Classification	NEMA 20A	CSA D/6m
Siderail Height	152mm	(6.0")
Loading Depth	127.5mm	(5.0")
Maximum Load Test	67kg/m	(45lb/ft)
Deflection	62.9mm	(2.47")
Material Finish	6063-T5 Extruded Aluminum	



To complete catalogue number insert the appropriate prefixes (2) in place of asterisks.

S	L	A	5	60	*	**
BASIC PART		MATERIAL FINISH	SIDERAIL HEIGHT	LENGTH	WIDTH	RUNG SPACING
SL - Straight Length		A - Aluminum	5 - D/152mm (6.0")	6.0m (20')	2 - 150mm (6") 3 - 203mm (8") 5 - 300mm (12") 6 - 450mm (18") 7 - 600mm (24") 8 - 750mm (30") 9 - 900mm (36")	1 - Solid 2 - Ventilated 3 - 150mm (6") 4 - 225mm (9") 5 - 300mm (12")

WIDTH				VENTILATED	LADDER RUNG TYPE RUNG SPACING (RS)				BLIND END CONNECTOR	DROP OUT	TRAY COVER eg: Solid(S)
Wi	Wo	Wi	Wo		51mm (2")	150mm (6")	225mm (9")	300mm (12")		RADIUS	
mm	(in)	mm	(in)	Catalogue Number				Page 47	Page 47	Page 39	
150	(6)	203	(8.0)	SLA-56022	SLA-56023	SLA-56024	SLA-56025	BEA-42	DOA-42	SLA-8302S	
203	(8)	256	(10.1)	SLA-56032	SLA-56033	SLA-56034	SLA-56035	BEA-43	DOA-43	SLA-8303S	
300	(12)	353	(13.9)	SLA-56052	SLA-56053	SLA-56054	SLA-56055	BEA-45	DOA-45	SLA-8305S	
450	(18)	503	(19.8)	SLA-56062	SLA-56063	SLA-56064	SLA-56065	BEA-46	DOA-46	SLA-8306S	
600	(24)	653	(25.7)	SLA-56072	SLA-56073	SLA-56074	SLA-56075	BEA-47	DOA-47	SLA-8307S	
750	(30)	803	(31.6)	SLA-56082	SLA-56083	SLA-56084	SLA-56085	BEA-48	DOA-48	SLA-8308S	
900	(36)	953	(37.5)	SLA-56092	SLA-56093	SLA-56094	SLA-56095	BEA-49	DOA-49	SLA-8309S	

STANDARD COMPONENTS		
Description	Catalogue #	Page #
Reducer Connector	RCA-4**	47
Expansion Connector	ECA-4	43
Vert. Adj. Connector	VCA-4	43
Clamp / Guide	CGA-1	48
Universal Connector	UCA-4	43
Box / Tray Connector	BTA-4	43
Straight Barrier (3m)	SBA-4	50
Adj. Hor. Connector	AHA-4	18