

Heavy Duty Cantilever

The Speedway Heavy Duty Cantilever (HDC) provides a specific means of supporting Speedway cable ladder on vertical fixed structures or channel (strut type) uprights. The heavy duty cantilevers are available to suit Speedway SW4, SW5 & SW6 Cable Ladders for all widths up to and including 900mm wide.

Each Heavy Duty Cantilever has fixing slots to accept the Speedway External Flange Clamps (SW-EFC-#), Adaptable Fixing Brackets (SW-AFB-#) and Hold Down Brackets (SW-HDB-#). The slot pattern allows the adaptable fixing bracket to be fitted either internally or externally on the Speedway cable ladder. The heavy duty cantilever arm back plate has a minimum of two 15mm diameter fixing holes (see table below for details) to accept fixings up to and including M14. The loading table below gives the recommended maximum load for each size of heavy duty cantilever arm for supporting uniformly distributed loads (UDL) such as or for supporting Speedway cable ladder (which should be uniformly loaded to apply two equal point loads onto the cantilever arm).

Speedway Heavy Duty Cantilevers - Safe Working Loads

Part Number	Ladder size	Arm Length mm	Maximum Load kg	
			UDL	Ladder
SW-HDC-150-O	150	300	629	315
SW-HDC-300-O	300	450	419	210
SW-HDC-450-O	450	600	496	248
SW-HDC-600-O	600	750	690	345
SW-HDC-750-O	750	900	871	435
SW-HDC-900-O	900	1050	1045	522

O = Select a Finish & Material

Finishes & Materials:



Heavy Duty Cantilevers with non-standard arm lengths and alternative fixing slot configurations are available – consult our Design Team for further information. Installation dimensions are given in the following table.

Speedway Heavy Duty Cantilevers - Installation Details

Part Number	Ladder Width mm	Maximum Load kg			
		L	No of Holes	A	B
SW-HDC-150-O	150	300	2	70	N/A
SW-HDC-300-O	300	450	2	70	N/A
SW-HDC-450-O	450	600	3	55	40
SW-HDC-600-O	600	750	3	105	40
SW-HDC-750-O	750	900	3	155	40
SW-HDC-900-O	900	1050	3	205	40

O = Select a Finish & Material

Finishes & Materials:

