



# Motor Selection Guide For Retractable Awning Systems

B Number of Arms                      1 Pair                      2 Pair                      3 Pair                      4 Pair                      5 Pair                      6 Pair  
 (2 arms)                      (4 arms)                      (6 arms)                      (8 arms)                      (10 arms)                      (12 arms)  
 C Length of Installation              20 ft. (6 m)              33 ft. (10 m)              50 ft. (15 m)              66 ft. (20 m)              82 ft. (25 m)              100 ft. (30 m)

A		D					
Projection of Arms	Roller Tube O.D. Sizes						
5 ft. (1.5 m)	2.5" (63)	525A2		535A2	550R2	660R2	
	3.0" (78)	535A2			550R2	660R2	680R2
	3.5" (89)	535A2	550R2	660R2	680R2		
6.5 ft. (2.0 m)	2.5" (63)	525A2	535A2	540R2	660R2	680R2	6100R2
	3.0" (78)	535A2	540R2	550R2	660R2	680R2	
	3.5" (89)	540R2	550R2	660R2	680R2		
8 ft. (2.4 m)	2.5" (63)	535A2	550R2		660R2		6100R2
	3.0" (78)	550R2		660R2		680R2	
	3.5" (89)	550R2	660R2	680R2			
9 ft. (2.7 m)	2.5" (63)	540R2	550R2	660R2	680R2		
	3.0" (78)	550R2	660R2	680R2	6100R2		
	3.5" (89)	550R2	660R2	680R2	6100R2		
10 ft. (3.0 m)	2.5" (63)	540R2	550R2	680R2			
	3.0" (78)	550R2	680R2			6100R2	
	3.5" (89)	660R2	680R2	6100R2			
13.5 ft. (4.0 m)	2.5" (63)	550R2	680R2	6100R2			
	3.0" (78)	680R2	6100R2				
16.5 ft. (5.0 m)	2.5" (63)	550R2	680R2				
	3.0" (78)	680R2	6100R2				

Above chart is approximate.  
For more specific information,  
refer to factory.

NOTE: The Selection Guidelines pertaining to the CMO RTS and Altus RTS motors are the same as above.

This chart can be used to select the most suitable type of motor for your lateral arm awning system.  
Important: The lateral arms referred to here are the standard aluminum type with built-in tension springs. When considering arms made of steel and/or using other types of spring mechanisms, please request additional information.

1. Locate the projection of your lateral arm on the above chart at point (A); e.g. 5 ft., 6 ft., 8 ft., etc.
2. Determine which roller tube diameter (D) is being used in your installation.

3. Locate the number of arms (B) and the length of your installation (C).
4. Read the correct motor from the chart at the intersection of your selections.

NOTE:  
Because this chart must take into consideration lateral arms being manufactured by many different companies, it is only approximate. The relationship between the number of arms and the length of the awning is only a guide and will vary slightly from manufacturer to manufacturer.