

					SIDE/CENTER MOUNT SECTIONAL DOOR SPEED (INCHES/SECONDS)																										
					Type Door ▶	STD		STD		STD		STD		L.C.		L.C.		L.C.		L.C.		L.C.		F.V.		F.V.		F.V.			
					DRUM ▶	400-8/ 400-12 D400-96/ D400-144		TD-1		SD-4/ 5250-18 D525-216		SD-8/ 800-32 D800-384		400-54/ D400-54		5250-54/ D525-54		500-84		5750-120/ D575-120		6375-164/ D6375-164		800-120		850-11/ D850-132		1100-18/ D1100-216		1350-28/ D1350-336	
					Max Wt per Cable ▶	250		184		500		925		250		490		-		385		800		1100		425		335		700	
					Max Door Height ▶	8'3"/ 12'6"		10'0"		19'6"/ 18'		24'/ 32'		12'1"		16'1"		16' 0"		17'1"		21'1"		22' 0"		11'0"		18'0"		28'0"	
					Max Drum Turns ▶	7.8/ 12.0		9.3		15.0/ 12.8		12/15		13.3		13		11		12.8		16.9		10.26		7.9		10.4		13.6	
					Drum Radius [IN] ▶	2.275	2.063	2.362	2.156	2.898	2.750	4.400	4.125	2.832	2.063	3.573	2.719	3.943	2.563	4.555	2.970	5.365	3.313	5.470	4.350	4.191	1.344	5.347	1.344	6.480	1.375
Model	Operator Output Shaft RPM	Door Sprocket	Door Shaft Speed RPM	Inches/Seconds Mount ▶	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN					
GCL-MJ GCL-MH	65	41B28 1" Bore P/N 086654.2816.S	27.9	S	6.6	6.0	6.9	6.3	8.5	8.0			8.3	6.0	10.4	7.9	11.5	7.5													
GCL-MJ GCL-MH	65	41B48 1" Bore P/N 075004.0003.S	16.3	S	3.9	3.5	4.0	3.7	4.9	4.7	7.5	7.0	4.8	3.5	6.1	4.6	6.7	4.4	7.8	5.1	9.1	5.6	9.3	7.4	7.1	2.3	9.1	2.3	11.0	2.3	
GCL-J GCL-H	39	50B17 1" Bore P/N 086446.1716.S	27.5	SC	6.6	5.9	6.8	6.2	8.4	7.9			8.2	5.9	10.3	7.8	11.4	7.4							12.1	3.9					
GCL-J GCL-H	39	50B26 1" Bore P/N 111916.0026.S 50B26 1 1/4" Bore P/N 111916.2026.S	18.0	SC	4.3	3.9	4.5	4.1	5.5	5.2	8.3	7.8	5.3	3.9	6.7	5.1	7.4	4.8	8.6	5.6	10.1	6.2	10.3	8.2	7.9	2.5	10.1	2.5	12.2	2.6	
GCL-GH	43	50B17 1" Bore P/N 086446.1716.S	30.4	SC	7.2	6.6	7.5	6.9	9.2	8.7			9.0	6.6	11.4	8.6															
GCL-GH	43	50B26 1" Bore P/N 111916.0026.S 50B26 1 1/4" Bore P/N 111916.2026.S	19.8	SC	4.7	4.3	4.9	4.5	6.0	5.7	9.1	8.6	5.9	4.3	7.4	5.7	8.2	5.3	9.5	6.2	11.1	6.9	11.4	9.0	8.7	2.8	11.1	2.8			
GCL-GH	43	50B31 1" Bore P/N 086446.3116.S 50B31 1 1/4" Bore P/N 086446.3120.S	16.6	SC	4.0	3.6	4.1	3.8	5.1	4.8	7.7	7.2	4.9	3.6	6.2	4.7	6.9	4.5	7.9	5.2	9.4	5.8	9.5	7.6	7.3	2.3	9.3	2.3	11.3	2.4	

Notes: 1. Max recommended door speeds for side/center mount operators:

Standard lift – 10.6 inches/seconds

Lift clearance (high lift) – 12.3 inches/seconds

Full vertical – 12.3 inches/seconds

- Excessive door speed can result in throwing door cables, therefore do not use sprocket/drum combinations in the dark grayed out areas of the chart.
- The larger the door size and weight, the slower the door speed should be for good service and life.
- Maximum speed has been calculated using full-drum taper diameter and this speed occurs just as the door meets the floor. If less than full drum capacity is used, the maximum speed will be less.
- Shaft drive operators used with standard track should use pusher springs and additional horizontal track rise.
- The standard sprocket included with the operator is a 12-tooth.
- Verify door shaft center distance to allow for sprocket diameter