GRIFCO®

POWERING COMMERCIAL DOORS

Selection Table

Select the appropriate operator and mounting kit for the application, dependent on duty cycle and door dimensions.

All calculations are based on a 168mm diameter drum. Please contact Grifco (1800 GRIFCO) for calculations based on different variables.

U-Drive Selection Tables

Select the correct operator by door height and width

60% Duty Cycle	GUD-H053M GUD-MK-05	GUD-H073M GUD-MK-07
Drum Diameter	168mm	168mm
Curtain Mass	14kg/m2	14kg/m2
Max. System Mass	574kg	800kg
Max. Door Size	20m2	24m2
Max. Torque	180Nm	220Nm
Max. Cycle Time	60 sec	60 sec

60% Duty Cycle

	Door Height															
	2.5m		3m		3.5m		4m		4.5m		5m		5.5m		6m	
Door Width	Drum Sprocket Teeth	Drum Speed Rpm	Drum Sprocket Teeth	Drum Speed Rpm	Drum Sprocket Teeth	Drum Speed Rpm	Drum Sprocket Teeth	Drum Speed Rpm	Drum Sprocket Teeth	Drum Speed Rpm	Drum Sprocket Teeth	Drum Speed Rpm	Drum Sprocket Teeth	Drum Speed Rpm	Drum Sprocket Teeth	Drum Speed Rpm
3m	33	10.6	33	10.6	33	10.6	33	10.6	34	10.3	33	10.6	36	9.7	40	8.8
3.5m	33	10.6	33	10.6	33	10.6	35	10.0	40	8.8	37	9.5	42	8.3	46	7.6
4m	33	10.6	33	10.6	35	10.0	40	8.8	37	9.5	42	8.3	47	7.4	54	6.5
4.5m	33	10.6	34	10.3	40	8.8	37	9.5	42	8.3	47	7.4	N/A	N/A	N/A	N/A
5m	33	10.6	38	9.2	44	8.0	41	8.5	46	7.6	N/A	N/A	N/A	N/A	N/A	N/A
5.5m	35	10	41	8.5	39	9.0	45	7.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6m	38	9.2	45	7.8	43	8.1	50	7.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6.5m	41	8.5	50	7.0	46	7.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7m	44	8.0	43	8.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7.5m	38	9.2	46	7.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8m	41	8.5	50	7.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10% Duty Cycle	GUD-H053M GUD-MK-05	GUD-H073M GUD-MK-07
Drum Diameter	168mm	168mm
Curtain Mass	14kg/m2	14kg/m2
Max System Mass	574kg	800kg
Max Door Size	24m2	34m2
Max Torque	180Nm	260Nm
Max Cycle Time	120 sec	120 sec

10% Duty Cycle

	Door Height															
	2.5m		3m		3.5m		4m		4.5m		5m		5.5m		6m	
Door Width	Drum Sprocket Teeth	Drum Speed Rpm	Drum Sprocket Teeth	Drum Speed Rpm	Drum Sprocket Teeth	Drum Speed Rpm	Drum Sprocket Teeth	Drum Speed Rpm	Drum Sprocket Teeth	Drum Speed Rpm	Drum Sprocket Teeth	Drum Speed Rpm	Drum Sprocket Teeth	Drum Speed Rpm	Drum Sprocket Teeth	Drum Speed Rpm
3m	33	10.6	33	10.6	33	10.6	33	10.6	34	10.3	39	9.0	44	8.0	48	7.3
3.5m	33	10.6	33	10.6	33	10.6	35	10.0	40	8.8	45	7.8	54	6.5	54	6.5
4m	33	10.6	33	10.6	35	10.0	40	8.8	46	7.6	54	6.5	60	5.8	43	8.1
4.5m	33	10.6	34	10.3	40	8.8	45	7.8	54	6.5	60	5.8	39	9.0	48	7.3
5m	33	10.6	38	9.2	44	8	50	7.0	57	6.1	43	8.1	48	7.3	54	6.5
5.5m	35	10.0	41	8.5	48	7.3	57	6.1	42	8.3	47	7.4	54	6.5	60	5.8
6m	38	9.2	45	7.8	54	6.5	60	5.8	45	7.8	54	6.5	60	5.8	N/A	N/A
6.5m	41	8.5	50	7.0	57	6.1	43	8.1	50	7.0	57	6.1	N/A	N/A	N/A	N/A
7m	44	8.0	54	6.5	41	8.5	46	7.6	54	6.5	N/A	N/A	N/A	N/A	N/A	N/A
7.5m	33	10.6	37	9.5	44	8.0	50	7.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8m	33	10.6	40	8.8	46	7.6	54	6.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A