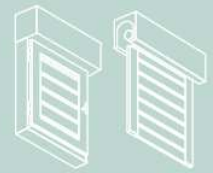


ROLLER SHUTTER MOTOR SELECTION CHART

SLAT SIZE: 40mm, THICKNESS: 8mm

The following chart is a guide only.
Refer to the hardware manufacturer for more details.



HOW TO USE THIS SELECTION CHART

- Select your tube size (round/ octagonal)
- Select the torque rating according to the total height and weight of the curtain (a safety factor has already been taken into account) and match the motor to the tube.

■ Height up to 1.5m

Tube Diameter	Shutter Weight (kg)																									
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	
ø 40	4 Nm	9 Nm	13 Nm																							
ø 50	6 Nm	10 Nm	15 Nm	20 Nm	25 Nm	30 Nm	40 Nm	50 Nm																		
ø 60	6 Nm	10 Nm	15 Nm	20 Nm	25 Nm	30 Nm	40 Nm	50 Nm																		
ø 70	6 Nm	10 Nm	15 Nm	20 Nm	25 Nm	30 Nm	40 Nm	50 Nm	55 Nm	60 Nm	80 Nm	100 Nm	120 Nm													

■ Height up to 2.0m

Tube Diameter	Shutter Weight (kg)																									
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	
ø 40	4 Nm	9 Nm	13 Nm																							
ø 50	6 Nm	10 Nm	15 Nm	20 Nm	25 Nm	30 Nm	40 Nm	50 Nm																		
ø 60	6 Nm	10 Nm	15 Nm	20 Nm	25 Nm	30 Nm	40 Nm	50 Nm																		
ø 70	6 Nm	10 Nm	15 Nm	20 Nm	25 Nm	30 Nm	40 Nm	50 Nm	55 Nm	60 Nm	80 Nm	100 Nm	120 Nm													

■ Height up to 3.0m

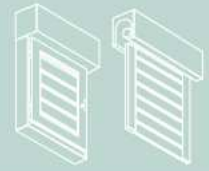
Tube Diameter	Shutter Weight (kg)																									
	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	
ø 40	4 Nm	9 Nm	13 Nm																							
ø 50	6 Nm	10 Nm	15 Nm	20 Nm	25 Nm	30 Nm	40 Nm	50 Nm																		
ø 60	6 Nm	10 Nm	15 Nm	20 Nm	25 Nm	30 Nm	40 Nm	50 Nm																		
ø 70	6 Nm	10 Nm	15 Nm	20 Nm	25 Nm	30 Nm	40 Nm	50 Nm	55 Nm	60 Nm	80 Nm	100 Nm	120 Nm													

Calculate the total weight of the curtain

$$\text{weight} = \text{width} \times (\text{height} + 20\text{cm}) \times (\text{slat weight per m}^2)$$

Average weight of 40mm Foam filled Aluminium Slats: 4.5kg/m²

ROLLER SHUTTER MOTOR SELECTION CHART

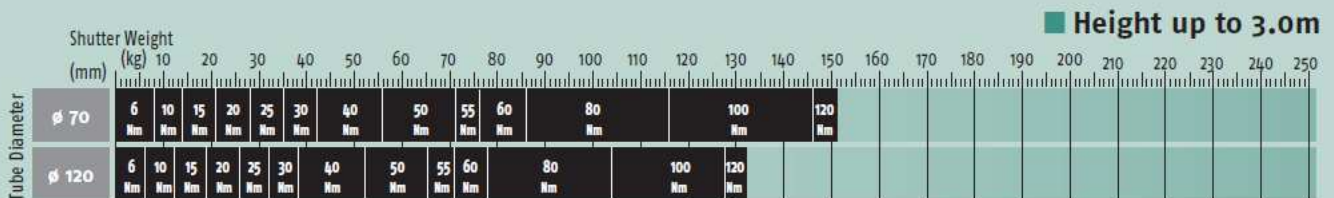
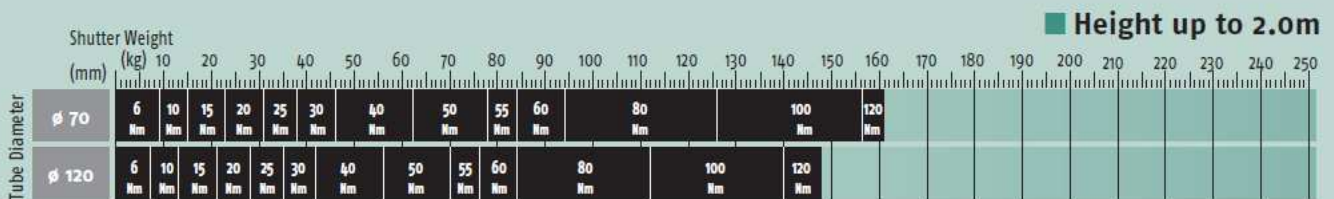
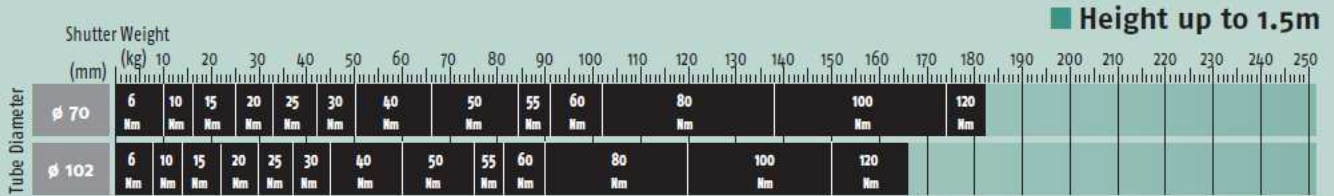


SLAT SIZE: 55mm, THICKNESS: 14mm

The following chart is a guide only.
Refer to the hardware manufacturer for more details.

HOW TO USE THIS SELECTION CHART

- Select your tube size (round/ octagonal)
- Select the torque rating according to the total height and weight of the curtain (a safety factor has already been taken into account) and match the motor to the tube.



Calculate the total weight of the curtain
 weight = width x (height + 20cm) x (slat weight per m²)
 Average weight of 55mm Aluminium slats: 6kg/m²