



Guida alla scelta Selection chart

All'interno di questa sezione troverete 2 differenti tabelle per identificare il corretto abbinamento del motore all'applicazione:
Within this section you will find 2 different tables to identify the correct combination between the motor and application:

- **Tabelle per applicazione: partendo dall'applicazione vi darà le varie opzioni motore.**
- Tables for application: starting from the application will give you the various motor options.
- **Tabelle per motore: partendo dal motore vi darà le varie opzioni di applicazione**
- Tables for motor: starting from the motor will give you the various application options.

Tabelle per applicazione *Tables for application*



Tapparelle
Rolling shutters

Queste tabelle permettono la selezione di un motore in relazione al diametro del tubo di avvolgimento e al peso dell'avvolgibile.
These selection charts allow us to choose the right tubular motor according to the rolling tube diameter and shape and to the rolling shutter weight.

Il peso dell'avvolgibile in kg è ricavabile moltiplicando la superficie per il peso al m² del materiale di cui è composto. Vedi tabella:
The rolling shutter weight can be calculated multiplying its area for the weight/m² of its material. See the table:

MATERIALE <i>MATERIAL</i>	PESO m ² <i>WEIGHT m²</i>
PVC <i>PVC</i>	5 Kg
Legno <i>Wood</i>	10 Kg
Alluminio coibentato <i>Insulating aluminium</i>	4 Kg
Acciaio coibentato <i>Insulating steel</i>	10 Kg
Acciaio <i>Armoured steel</i>	16 Kg

Per avvolgibili con larghezza e/o altezza superiori a 2,5 m, interpellate il nostro servizio tecnico commerciale.
For shutters with a width and/or a height more than 2,5 m, please contact our technical support.

ATTENZIONE: I pesi riportati nelle tabelle sono calcolati con un margine del 50% (considerando gli attriti, l'aumento del diametro di avvolgimento, ecc.)
Raccomandiamo di rispettare le seguenti tabelle.

*WARNING: The weights indicated in the tables are calculated with a margin of 50% (considering all the frictions, increase in diameter of roll etc.).
We strongly recommend to follow these charts.*

Guida alla scelta Selection chart

Tabella per applicazione Table for application



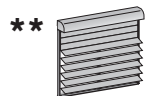
Tende oscuranti
Screens



Tapparelle
Rolling shutters



* Tapparelle con cintini
rigidi e stopper
Rolling shutters with
rigid links and stoppers



** Tapparelle orientabili
Orientable shutters

Ø 40 TUBO / TUBE

PESO SOLLEVATO LIFTED WEIGHT	MOTORE MOTORS	DESCRIZIONE DESCRIPTION
0 - 8 Kg	ETR 35	ETR 4-28
	CD 35	CD 4-28
9 - 18 Kg	ETR 35	ETR 10-12
	CD 35	CD 10-12
19 - 24 Kg	ETR 35	ETR 13-12
	CD 35	CD 13-12

Ø 60 TUBO / TUBE

PESO SOLLEVATO LIFTED WEIGHT	MOTORE MOTORS	DESCRIZIONE DESCRIPTION
0 - 10 Kg	LP&S-R **	LP&S-R 6-16
	ETR 45	ETR 5-28
0 - 11 Kg	CD 45	CD 5-28
	ETR 45	ETR 6-16
	ET-S	ET-S 6-16
	CD 45	CD 6-16
0 - 15 Kg	LP&S-R *	LP&S-R 6-16
	LP&P *	LP&P 6-16
	LP&S *	LP&S 6-16
11 - 17 Kg	LP&S-R **	LP&S-R 10-16
	ETR 45	ETR 10-16
	CD 45	CD 10-16
12 - 20 Kg	CDE 45	CDE 10-16
	LP&S-R *	LP&S-R 10-16
	LP&P *	LP&P 10-16
15 - 20 Kg	LP&S *	LP&S 10-16
	LP&S-R **	LP&S-R 15-16
18 - 26 Kg	ETR 45	ETR 15-16
	CD 45	CD 15-16
21 - 30 Kg	LP&S-R *	LP&S-R 15-16
	LP&P *	LP 15-16
	LP&S *	LP&S 15-16
27 - 36 Kg	LP&S-R **	LP&S-R 20-16
	ETR 45	ETR 20-16
	CD 45	CD 20-16
31 - 35 Kg	CDE 45	CDE 20-16

Ø 60 TUBO / TUBE

PESO SOLLEVATO LIFTED WEIGHT	MOTORE MOTORS	DESCRIZIONE DESCRIPTION
35 - 45 Kg	LP&S-R *	LP&S-R 20-16
	LP&P *	LP&P 20-16
	LP&S *	LP&S 20-16
36 - 45 Kg	CD 45	CD 25-16
	CDE 45	CDE 25-16
37 - 52 Kg	LP&S-R **	LP&S-R 30-16
	LP&S-R *	LP&S-R 30-16
45 - 65 Kg	CDE-R	CDE-R 30-16
	LP&P *	LP&P 30-16
	LP&S *	LP&S 30-16
	ETR 45	ETR 30-16
46 - 55 Kg	CD 45	CD 30-16
	CDE 45	CDE 30-16
	LP&S-R **	LP&S-R 40-16
53 - 71 Kg	CD 45	CD 35-16
	CDE 45	CDE 35-16
56 - 63 Kg	ETR 45	ETR 40-16
	CDE-R	CDE-R 40-16
64 - 70 Kg	CD 45	CD 40-16
	CDE 45	CDE 40-16
	LP&S-R *	LP&S-R 40-16
65 - 85 Kg	LP&P *	LP&P 40-16
	LP&S *	LP&S 40-16
	CD 45	CD 45-12
71 - 80 Kg	CDE 45	CDE 45-12
	LP&S-R **	LP&S-R 50-12
72 - 90 Kg	ETR 45	ETR 50-12
	LP&S-R *	LP&S-R 50-12
81 - 90 Kg	CDE-R	CDE-R 50-12
	CD 45	CD 50-12
	CDE 45	CDE 50-12
	CDE 45	CDE 50-12

Ø 70 TUBO / TUBE

PESO SOLLEVATO LIFTED WEIGHT	MOTORE MOTORS	DESCRIZIONE DESCRIPTION
0 - 8 Kg	LP&S-R **	LP&S-R 6-16
	ETR 45	ETR 30-16
0 - 45 Kg	CDE-R	CDE-R 30-16
	CD 45	CD 30-16
	CDE 45	CDE 30-16
9 - 14 Kg	LP&S-R **	LP&S-R 10-16
	LP&S-R **	LP&S-R 15-16
15 - 22 Kg	LP&S-R **	LP&S-R 20-16
	LP&S-R **	LP&S-R 30-16
23 - 30 Kg	LP&S-R *	LP&S-R 30-16
	LP&P *	LP&P 30-16
31 - 44 Kg	LP&S *	LP&S 30-16
	LP&S-R **	LP&S-R 40-16
40 - 60 Kg	CD 45	CD 35-16
	CDE 45	CDE 35-16
45 - 60 Kg	ETR 45	ETR 40-16
	CDE-R	CDE-R 40-16
46 - 55 Kg	CD 45	CD 40-16
	CDE 45	CDE 40-16
56 - 63 Kg	LP&S-R *	LP&S-R 40-16
	LP&P *	LP&P 40-16
	LP&S *	LP&S 40-16
60 - 80 Kg	LP&S-R **	LP&S-R 50-12
	CD 45	CD 45-12
61 - 77 Kg	CDE 45	CDE 45-12
	ETR 45	ETR 50-12
64 - 70 Kg	LP&S-R *	LP&S-R 50-12
	CDE-R	CDE-R 50-12
71 - 80 Kg	CD 45	CD 50-12
	CDE 45	CDE 50-12
	ETR 59	ETR 80-12
81 - 90 Kg	CD 59	CD 80-12
	CDE 59	CDE 80-12
	ETR 59	ETR 100-12
91 - 115 Kg	CD 59	CD 100-12
	CDE 59	CDE 100-12
116 - 140 Kg	ETR 59	ETR 120-8
	CD 59	CD 120-8
	CDE 59	CDE 120-8



Tabella per motore

Table for motor



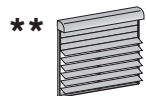
Tende oscuranti
Screens



Tapparelle
Rolling shutters



Tapparelle con cintini
rigidi e stopper
Rolling shutters with
rigid links and stoppers



Tapparelle orientabili
Orientable shutters

MOTORI TUBOLARI / TUBULAR MOTORS

CODICE CODE	MOTORE MOTORS	DESCRIZIONE DESCRIPTION	COPPIA TORQUE	VELOCITÀ SPEED	MOTORE MOTOR	TUBO OTT. OCTO TUBE	PESO SOLLEVATO LIFTED WEIGHT	TUBO OTT. OCTO TUBE	PESO SOLLEVATO LIFTED WEIGHT	PAGINA PAGE
2230013	ETR 35	ETR 4-28	4 Nm	28 Rpm	Ø 35	Ø 40	0 - 8 Kg	/	/	30
2230000	CD 35	CD 4-28	4 Nm	28 Rpm	Ø 35	Ø 40	0 - 8 Kg	/	/	56
2232083	ETR 35	ETR 10-12	10 Nm	12 Rpm	Ø 35	Ø 40	9 - 18 Kg	/	/	30
2232059	CD 35	CD 10-12	10 Nm	12 Rpm	Ø 35	Ø 40	9 - 18 Kg	/	/	56
2233065	ETR 35	ETR 13-12	13 Nm	12 Rpm	Ø 35	Ø 40	19 - 24 Kg	/	/	30
2233041	CD 35	CD 13-12	13 Nm	12 Rpm	Ø 35	Ø 40	19 - 24 Kg	/	/	56
2240062	ETR 45	ETR 5-28	5 Nm	28 Rpm	Ø 45	Ø 60	0 - 11 Kg	/	/	32
2240067	CD 45	CD 5-28	5 Nm	28 Rpm	Ø 45	Ø 60	0 - 11 Kg	/	/	58
2240066	ETR 45	ETR 6-16	6 Nm	16 Rpm	Ø 45	Ø 60	0 - 11 Kg	/	/	32
2240150	LP&S-R *	LP&S-R 6-16	6 Nm	16 Rpm	Ø 45	Ø 60	0 - 15 Kg	Ø 70	0 - 12 Kg	36
2240150	LP&S-R **	LP&S-R 6-16	6 Nm	16 Rpm	Ø 45	Ø 60	0 - 10 Kg	Ø 70	0 - 8 Kg	36
2240086	ET-S	ET-S 6-16	6 Nm	16 Rpm	Ø 45	Ø 60	0 - 11 Kg	/	/	46
2240138	LP&P *	LP&P 6-16	6 Nm	16 Rpm	Ø 45	Ø 60	0 - 15 Kg	Ø 70	0 - 12 Kg	48
2240139	LP&S *	LP&S 6-16	6 Nm	16 Rpm	Ø 45	Ø 60	0 - 15 Kg	Ø 70	0 - 12 Kg	50
2240054	CD 45	CD 6-16	6 Nm	16 Rpm	Ø 45	Ø 60	0 - 11 Kg	/	/	58
2241241	ETR 45	ETR 10-16	10 Nm	16 Rpm	Ø 45	Ø 60	12 - 20 Kg	/	/	32
2241420	LP&S-R *	LP&S-R 10-16	10 Nm	16 Rpm	Ø 45	Ø 60	15 - 20 Kg	Ø 70	12 - 20 Kg	36
2241420	LP&S-R **	LP&S-R 10-16	10 Nm	16 Rpm	Ø 45	Ø 60	11 - 17 Kg	Ø 70	9 - 14 Kg	36
2241405	LP&P *	LP&P 10-16	10 Nm	16 Rpm	Ø 45	Ø 60	15 - 20 Kg	Ø 70	12 - 20 Kg	48
2241406	LP&S *	LP&S 10-16	10 Nm	16 Rpm	Ø 45	Ø 60	15 - 20 Kg	Ø 70	12 - 20 Kg	50
2241203	CD 45	CD 10-16	10 Nm	16 Rpm	Ø 45	Ø 60	12 - 20 Kg	/	/	58
2241407	CDE 45	CDE 10-16	10 Nm	16 Rpm	Ø 45	Ø 60	12 - 20 Kg	/	/	60
2242155	ETR 45	ETR 15-16	15 Nm	16 Rpm	Ø 45	Ø 60	21 - 30 Kg	/	/	32
2242236	LP&S-R *	LP&S-R 15-16	15 Nm	16 Rpm	Ø 45	Ø 60	25 - 35 Kg	Ø 70	20 - 30 Kg	36
2242236	LP&S-R **	LP&S-R 15-16	15 Nm	16 Rpm	Ø 45	Ø 60	18 - 26 Kg	Ø 70	15 - 22 Kg	36
2242224	LP&P *	LP 15-16	15 Nm	16 Rpm	Ø 45	Ø 60	25 - 35 Kg	Ø 70	20 - 30 Kg	48
2242225	LP&S *	LP&S 15-16	15 Nm	16 Rpm	Ø 45	Ø 60	25 - 35 Kg	Ø 70	20 - 30 Kg	50
2242120	CD 45	CD 15-16	15 Nm	16 Rpm	Ø 45	Ø 60	21 - 30 Kg	/	/	58
2243254	ETR 45	ETR 20-16	20 Nm	16 Rpm	Ø 45	Ø 60	31 - 35 Kg	/	/	32
2243515	LP&S-R *	LP&S-R 20-16	20 Nm	16 Rpm	Ø 45	Ø 60	35 - 45 Kg	Ø 70	30 - 40 Kg	36
2243515	LP&S-R **	LP&S-R 20-16	20 Nm	16 Rpm	Ø 45	Ø 60	27 - 36 Kg	Ø 70	23 - 30 Kg	36
2243482	LP&P *	LP&P 20-16	20 Nm	16 Rpm	Ø 45	Ø 60	35 - 45 Kg	Ø 70	30 - 40 Kg	48
2243483	LP&S *	LP&S 20-16	20 Nm	16 Rpm	Ø 45	Ø 60	35 - 45 Kg	Ø 70	30 - 40 Kg	50
2243262	CD 45	CD 20-16	20 Nm	16 Rpm	Ø 45	Ø 60	31 - 35 Kg	/	/	58
2243484	CDE 45	CDE 20-16	20 Nm	16 Rpm	Ø 45	Ø 60	31 - 35 Kg	/	/	60
2244096	CD 45	CD 25-16	25 Nm	16 Rpm	Ø 45	Ø 60	36 - 45 Kg	/	/	58
2244126	CDE 45	CDE 25-16	25 Nm	16 Rpm	Ø 45	Ø 60	36 - 45 Kg	/	/	60



Tabella per motore Table for motor



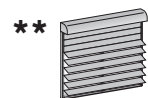
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MOTORI TUBOLARI / TUBULAR MOTORS

CODICE CODE	MOTORE MOTORS	DESCRIZIONE DESCRIPTION	COPPIA TORQUE	VELOCITÀ SPEED	MOTORE MOTOR	TUBO OTT. OCTO TUBE	PESO SOLLEVATO LIFTED WEIGHT	TUBO OTT. OCTO TUBE	PESO SOLLEVATO LIFTED WEIGHT	PAGINA PAGE
2245203	ETR 45	ETR 30-16	30 Nm	16 Rpm	Ø 45	Ø 60	46 - 55 Kg	Ø 70	0 - 45 Kg	32
2245422	LP&S-R *	LP&S-R 30-16	30 Nm	16 Rpm	Ø 45	Ø 60	46 - 55 Kg	Ø 70	40 - 60 Kg	36
2245422	LP&S-R **	LP&S-R 30-16	30 Nm	16 Rpm	Ø 45	Ø 60	37 - 52 Kg	Ø 70	31 - 44 Kg	36
2245418	CDE-R 45	CDE-R 30-16	30 Nm	16 Rpm	Ø 45	Ø 60	46 - 55 Kg	Ø 70	0 - 45 Kg	38
2245395	LP&P *	LP&P 30-16	30 Nm	16 Rpm	Ø 45	Ø 60	45 - 65 Kg	Ø 70	40 - 60 Kg	48
2245396	LP&S *	LP&S 30-16	30 Nm	16 Rpm	Ø 45	Ø 60	45 - 65 Kg	Ø 70	40 - 60 Kg	50
2245212	CD 45	CD 30-16	30 Nm	16 Rpm	Ø 45	Ø 60	46 - 55 Kg	Ø 70	0 - 45 Kg	58
2245397	CDE 45	CDE 30-16	30 Nm	16 Rpm	Ø 45	Ø 60	46 - 55 Kg	Ø 70	0 - 45 Kg	60
2246103	CD 45	CD 35-16	35 Nm	16 Rpm	Ø 45	Ø 60	56 - 63 Kg	Ø 70	46 - 55 Kg	58
2246135	CDE 45	CDE 35-16	35 Nm	16 Rpm	Ø 45	Ø 60	56 - 63 Kg	Ø 70	46 - 55 Kg	60
2247233	ETR 45	ETR 40-16	40 Nm	16 Rpm	Ø 45	Ø 60	64 - 70 Kg	Ø 70	56 - 63 Kg	32
2247357	LP&S-R *	LP&S-R 40-16	40 Nm	16 Rpm	Ø 45	Ø 60	65 - 85 Kg	Ø 70	60 - 80 Kg	36
2247357	LP&S-R **	LP&S-R 40-16	40 Nm	16 Rpm	Ø 45	Ø 60	53 - 71 Kg	Ø 70	45 - 60 Kg	36
2247340	CDE-R 45	CDE-R 40-16	40 Nm	16 Rpm	Ø 45	Ø 60	64 - 70 Kg	Ø 70	56 - 63 Kg	38
2247330	LP&P *	LP&P 40-16	40 Nm	16 Rpm	Ø 45	Ø 60	65 - 85 Kg	Ø 70	60 - 80 Kg	48
2247331	LP&S *	LP&S 40-16	40 Nm	16 Rpm	Ø 45	Ø 60	65 - 85 Kg	Ø 70	60 - 80 Kg	50
2247192	CD 45	CD 40-16	40 Nm	16 Rpm	Ø 45	Ø 60	64 - 70 Kg	Ø 70	56 - 63 Kg	58
2247332	CDE 45	CDE 40-16	40 Nm	16 Rpm	Ø 45	Ø 60	64 - 70 Kg	Ø 70	56 - 63 Kg	60
2248068	CD 45	CD 45-12	45 Nm	12 Rpm	Ø 45	Ø 60	71 - 80 Kg	Ø 70	64 - 70 Kg	58
2248093	CDE 45	CDE 45-12	45 Nm	12 Rpm	Ø 45	Ø 60	71 - 80 Kg	Ø 70	64 - 70 Kg	60
2249200	ETR 45	ETR 50-12	50 Nm	12 Rpm	Ø 45	Ø 60	81 - 90 Kg	Ø 70	71 - 80 Kg	32
2249382	LP&S-R *	LP&S-R 50-12	50 Nm	12 Rpm	Ø 45	Ø 60	72 - 90 Kg	Ø 70	61 - 77 Kg	36
2249382	LP&S-R **	LP&S-R 50-12	50 Nm	12 Rpm	Ø 45	Ø 60	81 - 90 Kg	Ø 70	71 - 80 Kg	36
2249366	CDE-R 45	CDE-R 50-12	50 Nm	16 Rpm	Ø 45	Ø 60	81 - 90 Kg	Ø 70	71 - 80 Kg	38
2249206	CD 45	CD 50-12	50 Nm	12 Rpm	Ø 45	Ø 60	81 - 90 Kg	Ø 70	71 - 80 Kg	58
2249342	CDE 45	CDE 50-12	50 Nm	12 Rpm	Ø 45	Ø 60	81 - 90 Kg	Ø 70	71 - 80 Kg	60
2252102	ETR 59	ETR 80-12	80 Nm	12 Rpm	Ø 59	/	/	Ø 70	81 - 90 Kg	40
2252095	CD 59	CD 80-12	80 Nm	12 Rpm	Ø 59	/	/	Ø 70	81 - 90 Kg	62
2252094	CDE 59	CDE 80-12	80 Nm	12 Rpm	Ø 59	/	/	Ø 70	81 - 90 Kg	64
2253108	ETR 59	ETR 100-12	100 Nm	12 Rpm	Ø 59	/	/	Ø 70	91 - 115 Kg	40
2253103	CD 59	CD 100-12	100 Nm	12 Rpm	Ø 59	/	/	Ø 70	91 - 115 Kg	62
2253102	CDE 59	CDE 100-12	100 Nm	12 Rpm	Ø 59	/	/	Ø 70	91 - 115 Kg	64
2254094	ETR 59	ETR 120-8	120 Nm	8 Rpm	Ø 59	/	/	Ø 70	116 - 140 Kg	40
2254086	CD 59	CD 120-8	120 Nm	8 Rpm	Ø 59	/	/	Ø 70	116 - 140 Kg	62
2254085	CDE 59	CDE 120-8	120 Nm	8 Rpm	Ø 59	/	/	Ø 70	116 - 140 Kg	64