TESC

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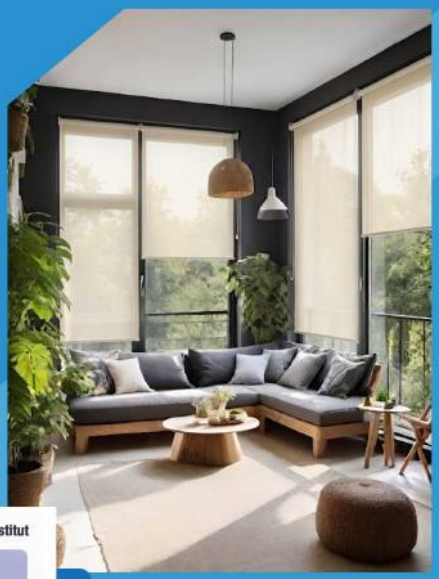
TUBULAR MOTOR



Certificate

ISO 9001 : 2015

EC-R&TTE

VDE

TÜV Rheinland

The philosophy of TESC is maximized in customer satisfaction, social responsibility, brand value, and the internet of partners, and provides “comfort, convenience, noble” life for customers in the worldwide. TESC adopts Japanese’s fine management mode and strict implementation of ISO 9001 quality management system, and therefore our products have good operability and long-lasting stability.

The products of TESC have been sold to the world and satisfied requirements of various countries over the world, such as CE, TUV, UL, RoHS, and so on.

Tong Eann Shutters Co., Ltd. (TESC) was established in 1977, and professionally in window and door motors, intelligent control system, manufacture and design of architectural shade are over 35 years that be the one of leaders in smart home and motor manufacturer in the global.

TESC

Tubular Motor

Impressive performance, stunning results

Strong Power | Precise Positioning | Smart Chip | Long Lifespan | Quality Assurance

Patents & Certifications

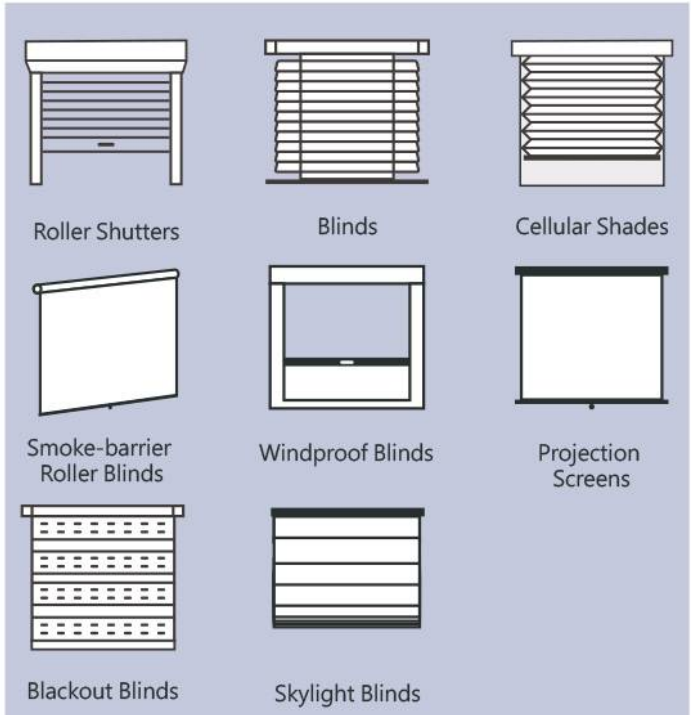
German Patent

US Patent

Rechargeable Battery Controller

Curtain Travel Limit Control Method

Application Overview



TESC Tubular Motor Features

Advanced Technology

Adopts advanced design and manufacturing technologies, featuring compact size, high efficiency, and high torque with superior quality.

Made in Taiwan

100% Made in Taiwan, guaranteeing fine craftsmanship and quality.

Specifications

AC Tubular Motor Series 110V 220V

DC Tubular Motor Series 12V 24V

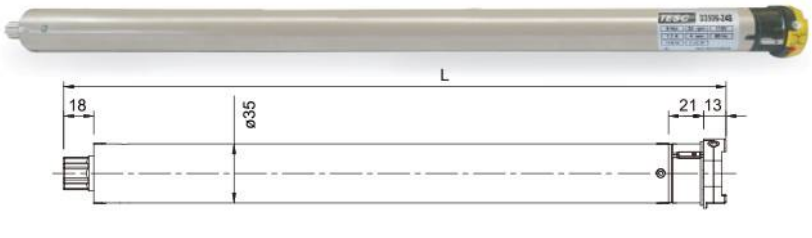
Safety Certification

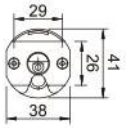
Factory-inspected through a 16-step inspection process to ensure the highest quality standards.

Professional Export

Exported to European and American markets, with technology and quality internationally recognized.

AC Tubular Motor DS 40R



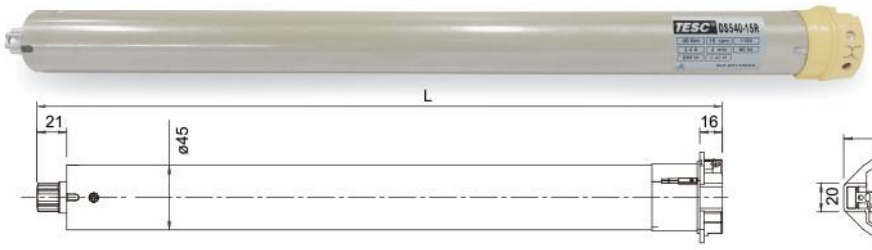


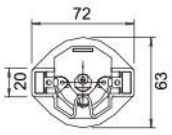
This model can be configured as a silent motor.

220V/60Hz DS 40R	Torque	Speed	Current	Power Input	Limit switch Interval	Operation Time	Protection Class	Motor Diameter-length	Weight
	(Nm)	(r.p.m)	(A)	(W)	(R)	(min)	(IPxx)	L-(mm)	(kg)
DS405-36R	5	36	0.49	120	0-42	4	IP44	Ø35-560	1.5
DS410-18R	10	18	0.49	120	0-42	4	IP44	Ø35-560	1.5

110V/60Hz DS 40R	Torque	Speed	Current	Power Input	Limit switch Interval	Operation Time	Protection Class	Motor Diameter-length	Weight
	(Nm)	(r.p.m)	(A)	(W)	(R)	(min)	(IPxx)	L-(mm)	(kg)
DS405-36R	5	36	1.10	130	0-42	4	IP44	Ø35-560	1.5
DS410-18R	10	18	1.10	130	0-42	4	IP44	Ø35-560	1.5

Ac Tubular Motor DS 50R





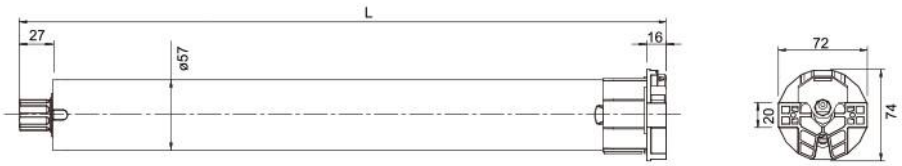
This model can be configured as a silent motor.

220V/60Hz DS 50R	Torque	Speed	Current	Power Input	Limit switch Interval	Operation Time	Protection Class	Motor Diameter-length	Weight
	(Nm)	(r.p.m)	(A)	(W)	(R)	(min)	(IPxx)	L-(mm)	(kg)
DS516-36R	16	36	1.02	241	0-33	4	IP44	Ø45-590	2.5
DS540-15R	40	18	1.02	241	0-33	4	IP44	Ø45-590	2.5
DS550-10R	50	10	1.05	250	0-33	4	IP44	Ø45-590	2.8

110V/60Hz DS 50R	Torque	Speed	Current	Power Input	Limit switch Interval	Operation Time	Protection Class	Motor Diameter-length	Weight
	(Nm)	(r.p.m)	(A)	(W)	(R)	(min)	(IPxx)	L-(mm)	(kg)
DS516-36R	16	36	2.50	260	0-33	4	IP44	Ø45-590	3.0
DS540-15R	40	18	2.50	260	0-33	4	IP44	Ø45-590	3.0
DS550-10R	50	10	2.50	260	0-33	4	IP44	Ø45-590	3.0

Complies with CE & RU standards / Meets CE & RU standards CE

AC Tubular Motor DS 60R

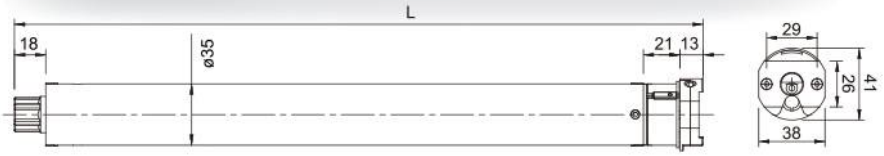


This model can be configured as a silent motor.

220V/60Hz DS 60R	Torque	Speed	Current	Power Input	Limit switch Interval	Operation Time	Protection Class	Motor Diameter-length	Weight
	(Nm)	(r.p.m)	(A)	(W)	(R)	(min)	(IPxx)	L-(mm)	(kg)
DS6100-15R	100	15	2.3	500	0-25	4	IP44	Ø57-680	4.6

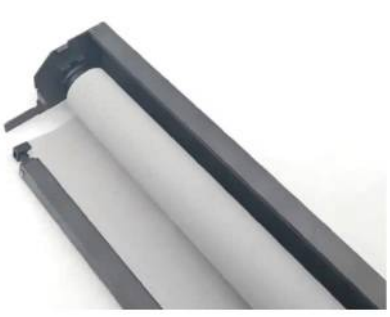
110V/60Hz DS 60R	Torque	Speed	Current	Power Input	Limit switch Interval	Operation Time	Protection Class	Motor Diameter-length	Weight
	(Nm)	(r.p.m)	(A)	(W)	(R)	(min)	(IPxx)	L-(mm)	(kg)
DS6100-15R	100	15	4.15	445	0-25	4	IP44	Ø57-680	4.6

DC Tubular Motor DC12V 40R

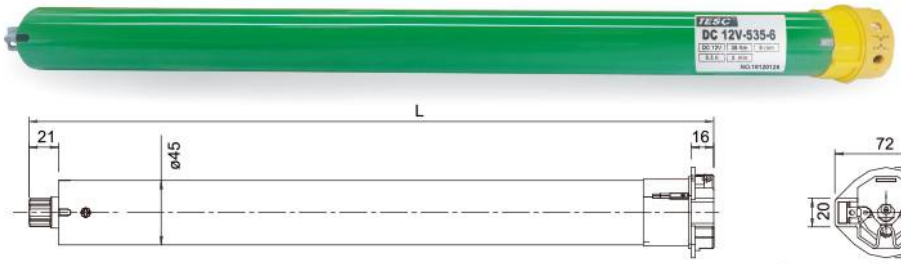


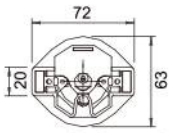
This model can be configured as a silent motor.

DC12V 40R	Torque	Speed	Current	Power Input	Limit switch Interval	Operation Time	Protection Class	Motor Diameter-length	Weight
	(Nm)	(r.p.m)	(A)	(W)	(R)	(min)	(IPxx)	L-(mm)	(kg)
DC 12V 406 - 10R	6	10	2.3	28	0-42	5	IP44	Ø35-560	1.5
DC 12V 410 - 7R	10	7	2.8	32	0-42	5	IP44	Ø35-560	1.5



DC Tubular Motor DC12/24V 50R





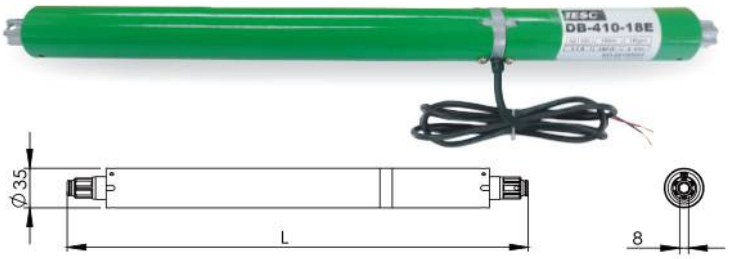
This model can be configured as a silent motor.

DC12V 50R	Torque	Speed	Current	Power Input	Limit switch Interval	Operation Time	Protection Class	Motor Diameter-length	Weight
	(Nm)	(r.p.m)	(A)	(W)	(R)	(min)	(IPxx)	L-(mm)	(kg)
DC 12V 520 - 10R	20	10	5.1	61	0-33	5	IP44	Ø45-590	2.5
DC 12V 535 - 6R	35	6	5.4	61	0-33	5	IP44	Ø45-590	3.0

DC24V 50R	Torque	Speed	Current	Power Input	Limit switch Interval	Operation Time	Protection Class	Motor Diameter-length	Weight
	(Nm)	(r.p.m)	(A)	(W)	(R)	(min)	(IPxx)	L-(mm)	(kg)
DC 24V 503 - 45R	3	45	2.5	60	0-33	5	IP44	Ø45-590	2.0
DC 24V 504 - 36R	4	36	2.1	20	0-33	5	IP44	Ø45-590	2.0

1. The AC tubular motor series can be equipped with a built-in remote control. Please contact us for further details if needed.
2. Electronic Limit Switch available to replace Mechanical Limit Switch.

■ Dual-shaft Geared Motor



This model can be configured as a silent motor.

AC

DB 110V	Torque	Speed	Current	Power Input	Limit switch Interval	Operation Time	Protection Class	Motor Diameter-length	Weight
	(Nm)	(r.p.m)	(A)	(W)	(R)	(min)	(IPxx)	L-(mm)	(kg)
DB 110V 410 - 18E	10	18	1.10	130	-	4	IP44	Ø35-445	1.5
DB 110V 540 - 15E	40	18	2.50	260	-	4	IP44	Ø45-550	3.0

AC

DB 220V	Torque	Speed	Current	Power Input	Limit switch Interval	Operation Time	Protection Class	Motor Diameter-length	Weight
	(Nm)	(r.p.m)	(A)	(W)	(R)	(min)	(IPxx)	L-(mm)	(kg)
DB 220V 410-18E	10	18	0.49	120	-	4	IP44	Ø35-445	1.5
DB 220V 540-15E	40	18	1.02	241	-	4	IP44	Ø45-590	2.5

DC

DB 12V	Torque	Speed	Current	Power Input	Limit switch Interval	Operation Time	Protection Class	Motor Diameter-length	Weight
	(Nm)	(r.p.m)	(A)	(W)	(R)	(min)	(IPxx)	L-(mm)	(kg)
DB 12V 410 - 7E	10	7	2.8	32	-	5	IP44	Ø35-445	1.5
DB 12V 535 - 6E	35	6	5.4	61	-	5	IP44	Ø45-550	3.0

DC

DB 24V	Torque	Speed	Current	Power Input	Limit switch Interval	Operation Time	Protection Class	Motor Diameter-length	Weight
	(Nm)	(r.p.m)	(A)	(W)	(R)	(min)	(IPxx)	L-(mm)	(kg)
DB 24V 503-45E	3	45	2.5	60	-	5	IP44	Ø45-590	2.0
DB 24V 504-36E	4	36	2.1	20	-	5	IP44	Ø45-590	2.0