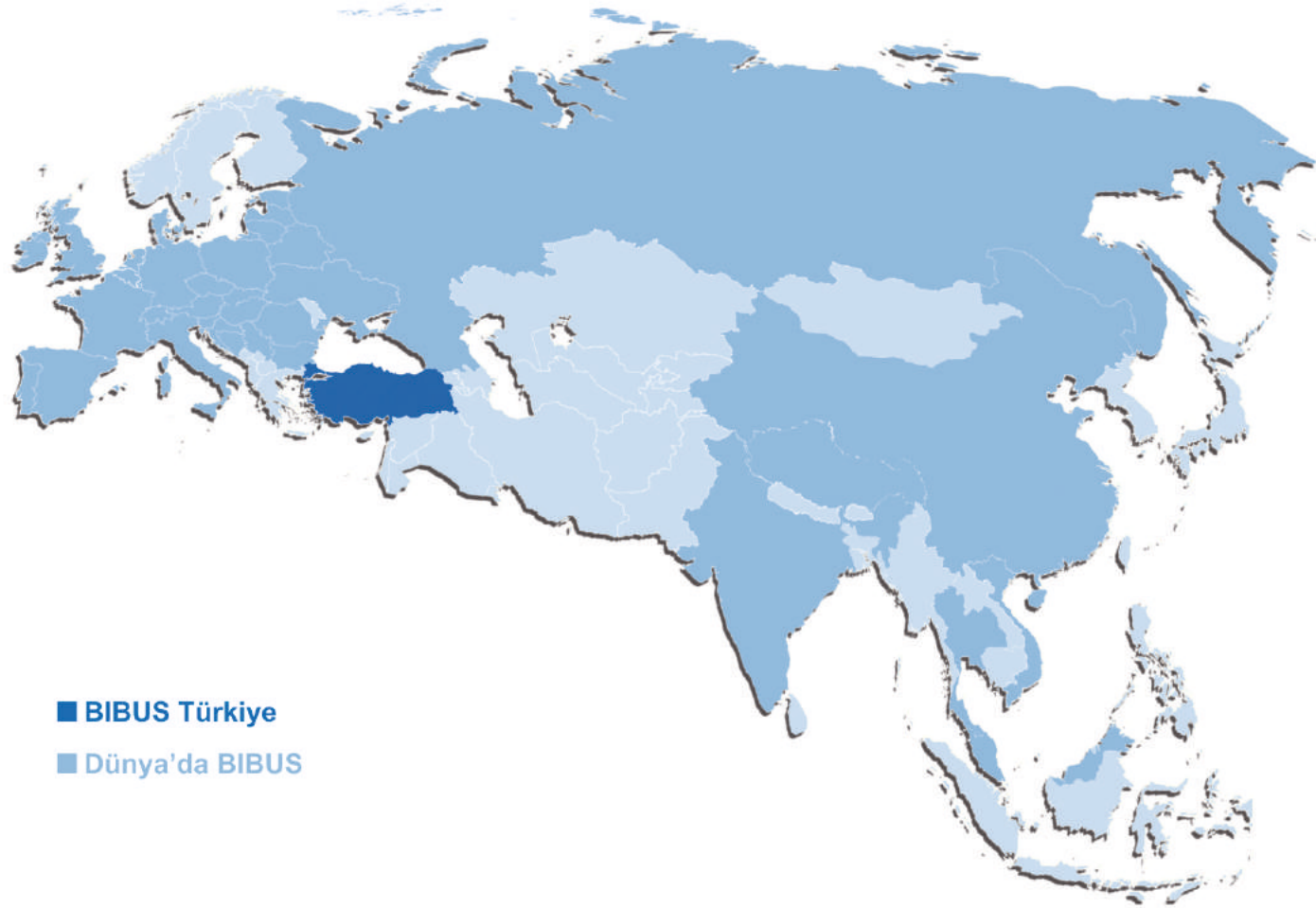




■ BIBUS Türkiye
■ Dünya'da BIBUS

BIBUS Endüstriyel A.Ş.

İkitelli OSB Bedrettin Dalan Bulvarı Vip Plaza
Kat:2 No:43-44 / 34490 Başakşehir/İSTANBUL
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BIBUS TR - LINEER AKTÜATÖRLER - 112020



LINEER AKTÜATÖRLER

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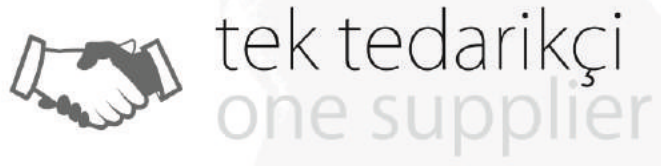
BIBUS Teknoloji

Başarınızı Destekliyoruz...

"Hidrolik, Pnömatik ve Mekatronik bileşenlerin ve sistemlerin dağıtımı, geliştirilmesi ve üretilmesinde 60 yıldan fazla süredir edindiğimiz deneyimler, BIBUS' u sektörde lider tedarikçi haline getirmiştir."

Supporting Your Success...

"Over 60 years of experience in the distribution, development and manufacture of hydraulic, pneumatic and mechatronic components and systems have made BIBUS a leading provider in the industry."



BIBUS Türkiye

Hakkımızda

BIBUS Endüstriyel Ürünleri San. ve Tic. A.Ş.; 25 yıldan fazla deneyime sahip TMG Pnömatik Hidrolik Ltd. Sti. (Türkiye) ve 70 yıldan fazla deneyime sahip BIBUS AG Group (İsviçre) firmalarının ortak girişimleri sonucu 2011 yılında kurulmuştur. Bibus Otomasyon, alanında uzman 40'dan fazla markanın; Pnömatik, Mekatronik, Hidrolik ve Çevre Teknolojileri konularında Türkiye distribütörlüğünü gerçekleştirmektedir.

Her geçen yıl büyüyen kadrosu, bünyesine kattığı yeni markalar ve genişleyen ürün gruplarıyla, üretim ve montajlarınızda daha hızlı, üretken, verimli, güvenilir, dayanıklı, ergonomik çözümler sunarak; "BAŞARINIZI DESTEKLİYORUZ" sloganıyla faaliyet göstermektedir.

Geniş ürün yelpazesıyla;

- Yüksek derecede mühendislik desteği,
- Tedarik desteği,
- Eğitim,
- Sistem entegrasyonu,
- Servis,
- Teknik danışmanlık hizmetleri sunmaktadır.

Vizyon

"Başarınızı Destekliyoruz" sloganıyla faaliyet gösterdiğimiz alanlarda Türkiye'deki lider çözüm ortağı olmak

Misyon

Müşterilerimizi mühendislik, lojistik ve üstün hizmetlerimizle destekleyerek; sektörde başarılı olmaları için tüm gücümüzle çalışmak

İş Alanları

- Pnömatik
- Mekatronik
- Hidrolik
- Çevre Teknolojileri

Ürün Grupları

- Lineer Aktüatörler
- Lineer Raylar ve Yataklamalar
- Darbe Emiciler
- Güç Aktarım Elemanları
- Alüminyum Profil Sistemleri
- Mobil Hidrolik
- Çevre Teknolojileri

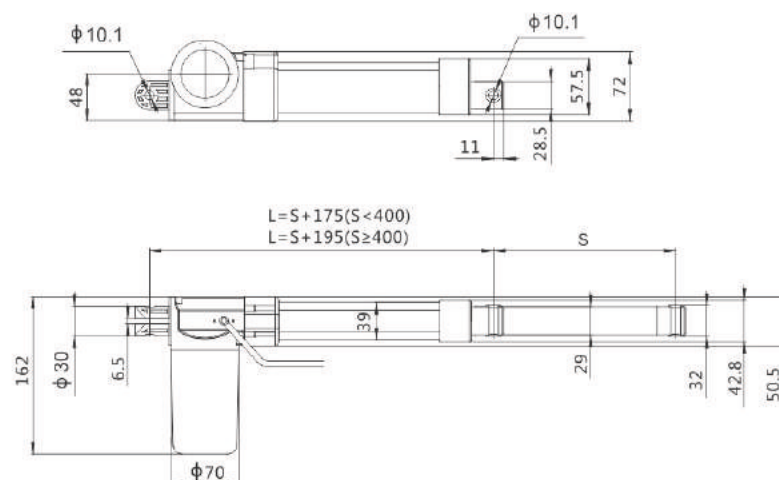
BBS35DF LINEAR ACTUATOR

FEATURES

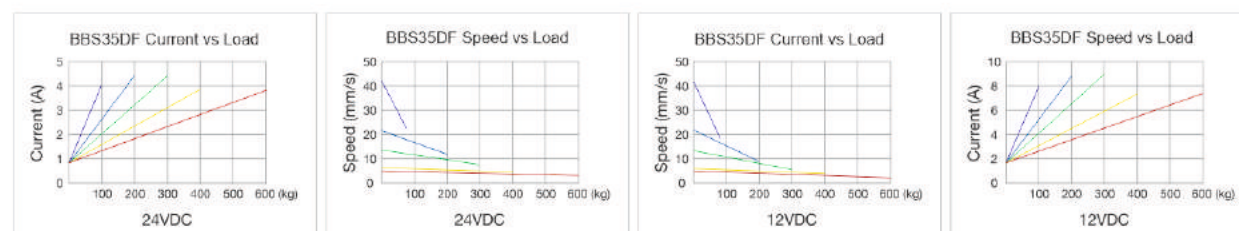
- Strong and robust design
- Low noise
- High IP grade



DIMENSIONS



PERFORMANCE



SPECIFICATIONS

Dynamic load push	(N)	6000	4000	3000	2000	1000	750
Dynamic load pull	(N)	4000	4000	3000	2000	1000	750
Static load push*	(N)	6000	4000	3000	2000	1000	750
Static load pull*	(N)	4000	4000	3000	2000	1000	750
Speed at full load	(mm/s)	3	4	6	9	20	25
Input voltage	(VDC)	24/12					
Stroke length	(mm)	100~400(option>400)					
Mounting position		H type, V type and 45 degree type					
Color		Black or grey					
Limit switch		Build-in					
Overload protection*		Yes					
Duty cycle		10%,max 2 min.continuous operation					
IP grade		Max IP66					
Operating temperature		+5℃ ~ +40℃					
Optional features		Hall sensor option					
		Reed switch option					
		Only push option					
		Relay free option					
Standard		CE / UL60601 / EN60601					

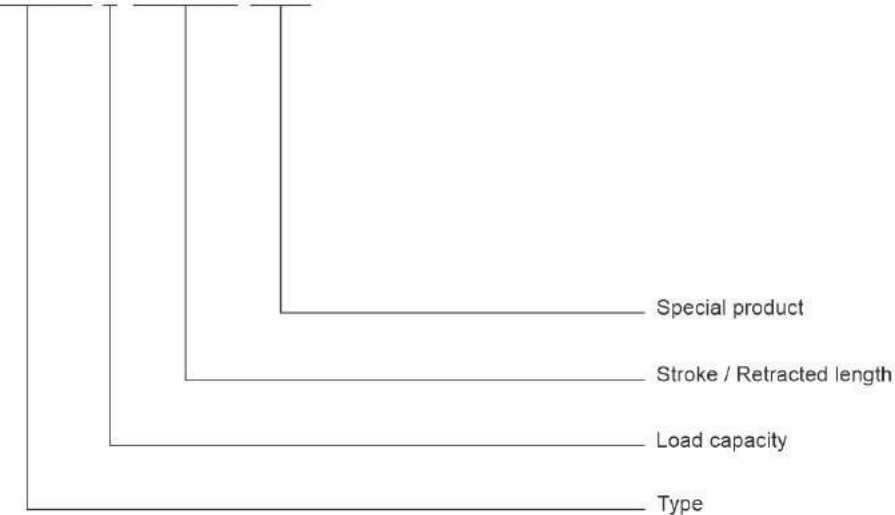
*The values of Static load apply when appropriate Bibus Control Box is used, which short-circuits the motor during stop.

*Overload protection is set in Bibus own control box.

*Optional stroke need to contact the engineer for consultation.

ORDER KEY EXAMPLE

BBS35DF 6 100/285 SPC



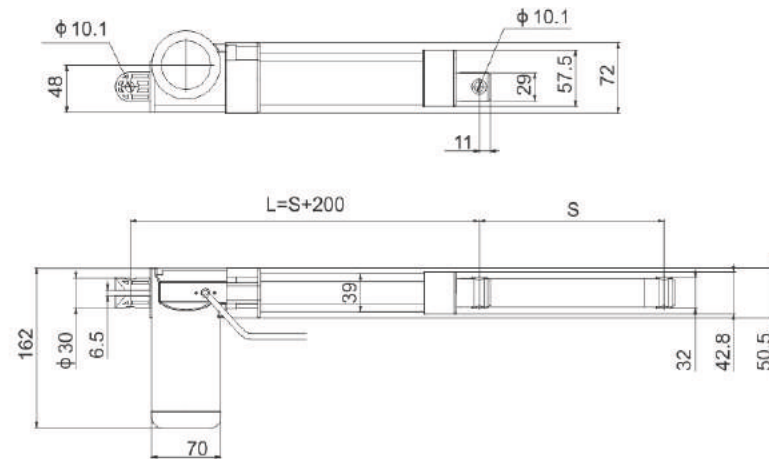
BBS35DF-F LINEAR ACTUATOR

FEATURES

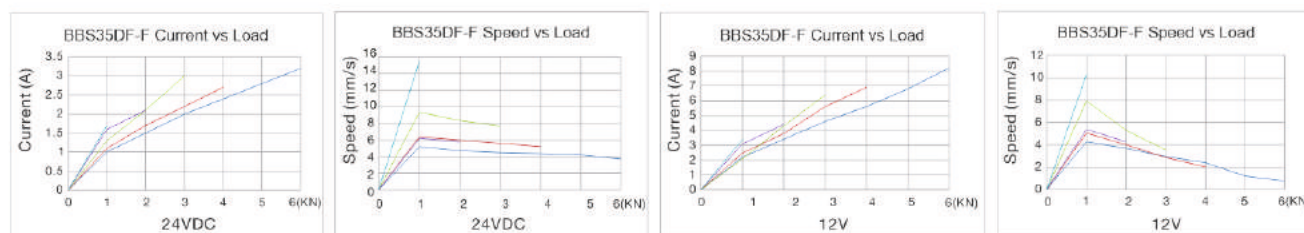
- Strong and robust design
- High IP grade, up to IP66
- Quick speed, up to 55mm/s



DIMENSIONS



PERFORMANCE



SPECIFICATIONS

Dynamic load push	(N)	4000	2000	500
Dynamic load pull	(N)	4000	2000	500
Static load push*	(N)	4000	2000	500
Static load pull*	(N)	4000	2000	500
Speed at full load	(mm/s)	9	18	55
Input voltage	(VDC)	24/12		
Stroke length	(mm)	100~400(option>400)		
Mounting position		H type, V type and 45 degree type		
Color		Black or grey		
Limit switch		Build-in		
Overload protection*		Yes		
Duty cycle		10%, max 2 min. continuous operation		
IP grade		Max IP66		
Operating temperature		0°C ~ +40°C		
Optional features		Only push option		
Standard		CE		

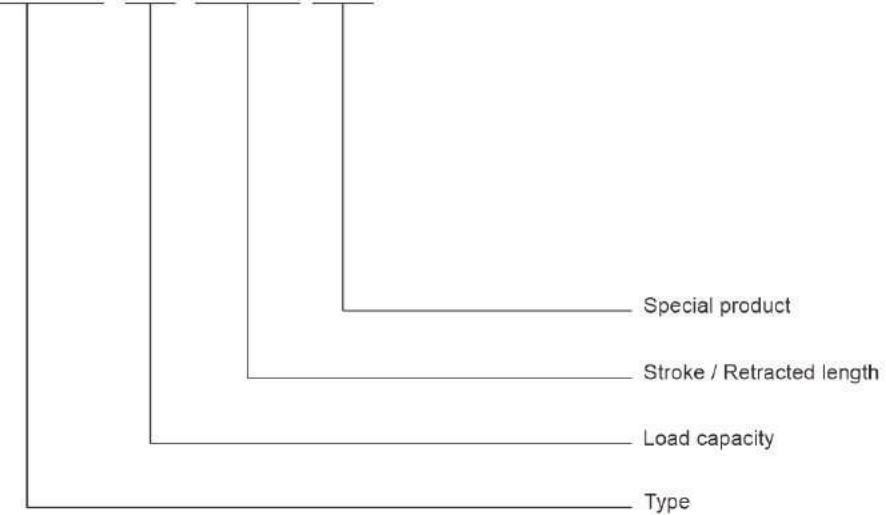
*The values of Static load apply when appropriate Bibus Control Box is used, which short-circuits the motor during stop.

*Overload protection is set in Bibus own control box.

*Optional stroke need to contact the engineer for consultation.

ORDER KEY EXAMPLE

BBS35DF-F 0D5 610/810 SPC



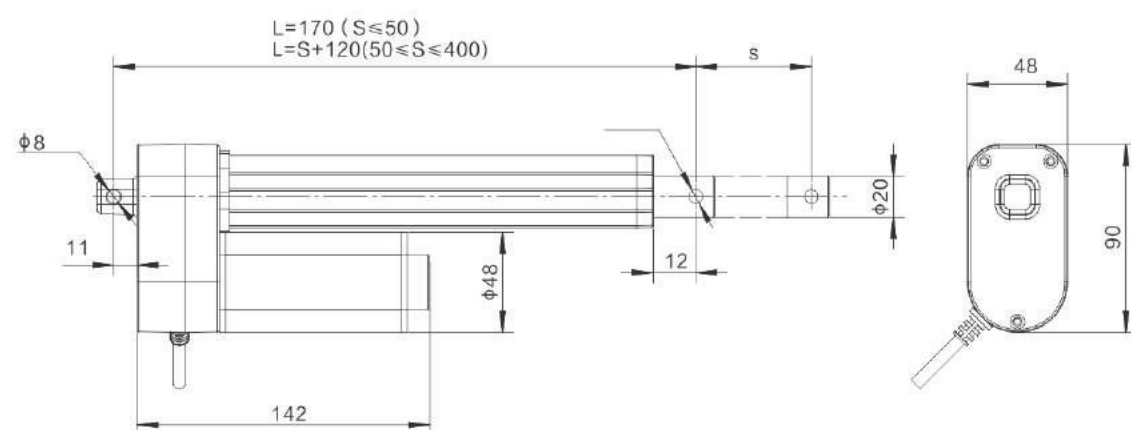
BBS35W2 LINEAR ACTUATOR

FEATURES

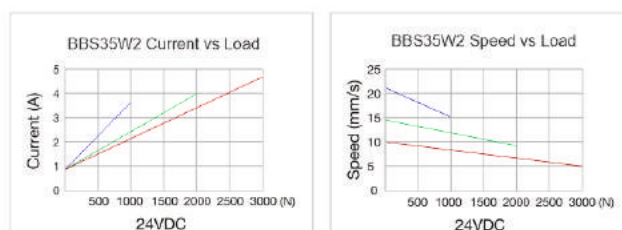
- Up to 3000N load capacity
- IP66



DIMENSIONS



PERFORMANCE



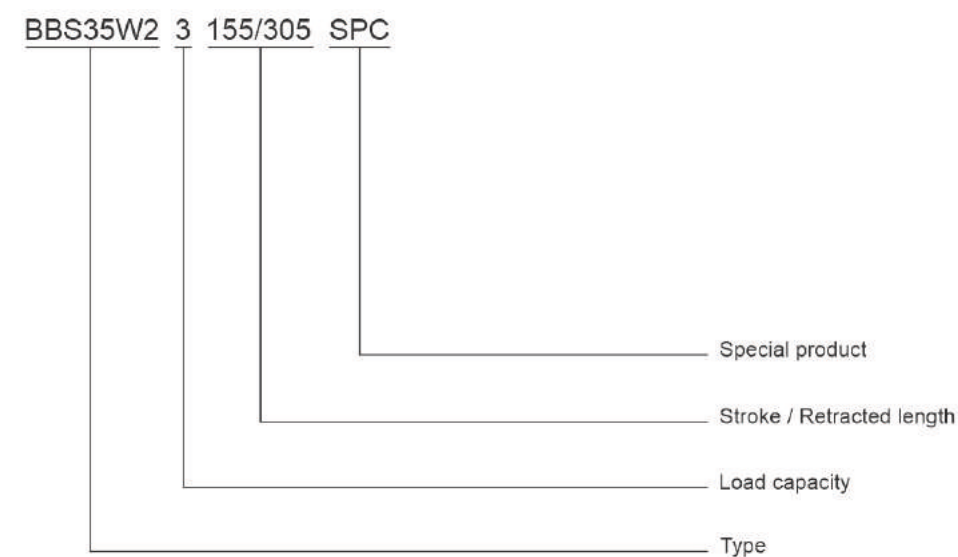
SPECIFICATIONS

Dynamic load push	(N)	1000	2000	3000
Dynamic load pull	(N)	1000	2000	3000
Static load push*	(N)	1200	2400	3500
Static load pull*	(N)	1200	2400	3500
Speed at full load	(mm/s)	14	8.5	5
Stroke length	(mm)	50~400		50~250
Input voltage	(VDC)	48/36/24/12		
Color		Grey		
Limit switch		Build-in		
Overload protection*		Yes		
Duty cycle		10%,max 2 min.continuous operation		
IP grade		IP54/IP66		
Operating temperature		0℃ ~ +50℃		
Optional features		Hall sensor option		
Standard		CE/EN60601-1		

*The values of Static load apply when appropriate Bibus Control Box is used, which short-circuits the motor during stop.

*Overload protection is set in Bibus own control box.

ORDER KEY EXAMPLE



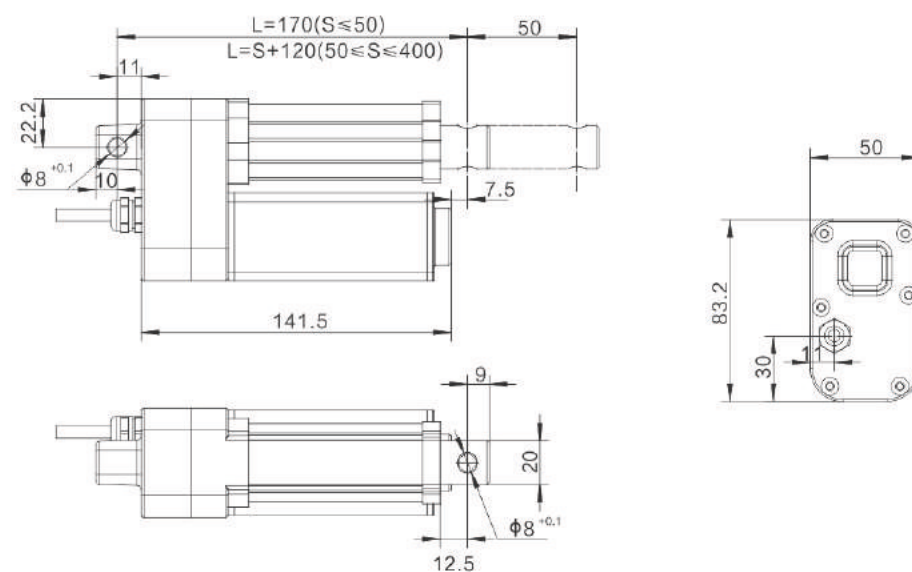
BBS35W5 LINEAR ACTUATOR

FEATURES

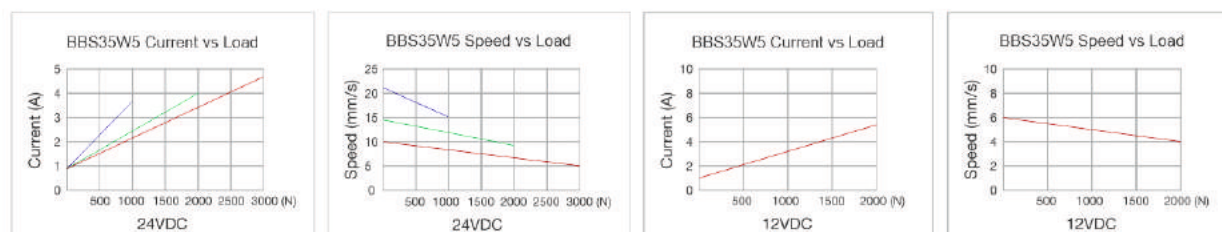
- High IP grade, IP67
- Higher speed, lower current
- Apply to industry actuators area



DIMENSIONS



PERFORMANCE

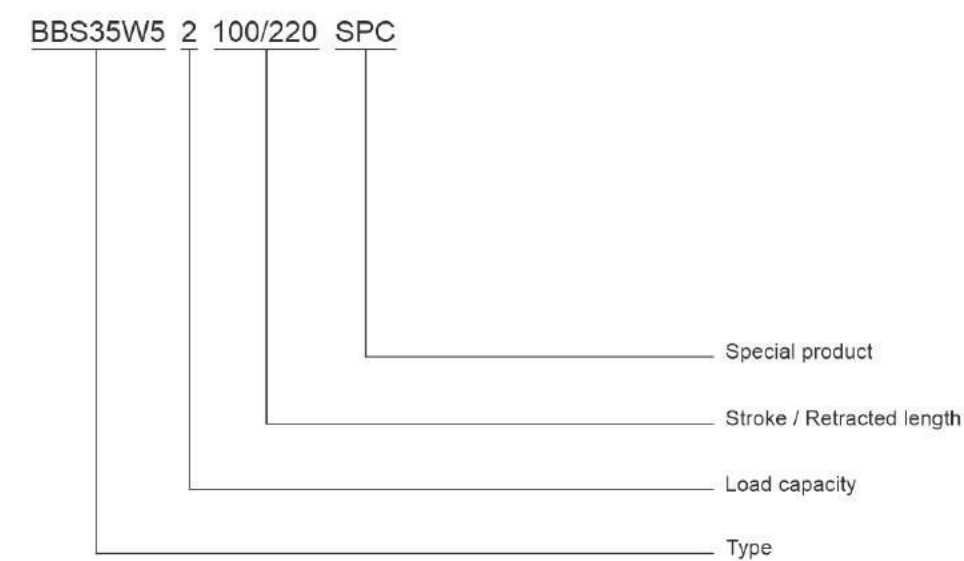


SPECIFICATIONS

Dynamic load push	(N)	3000
Dynamic load pull	(N)	3000
Static load push*	(N)	3000
Static load pull*	(N)	3000
Input voltage	(VDC)	24/12
Speed at full load	(mm/s)	5.5
Stroke length	(mm)	50~300
Color		Black
Limit switch		Build-in
Duty cycle		10%, max 2 min. continuous operation
IP grade		Above IP67
Operating temperature		-35°C ~ +70°C
Optional features		Hall sensor option

*The values of Static load apply when appropriate Bibus Control Box is used, which short-circuits the motor during stop.

ORDER KEY EXAMPLE



BBS35SA1 LINEAR ACTUATOR

FEATURES

- Strong load capacity, long service life and low-power consumption
- The high precision feedback of the stroke length, apply for photovoltaic solar tracking system



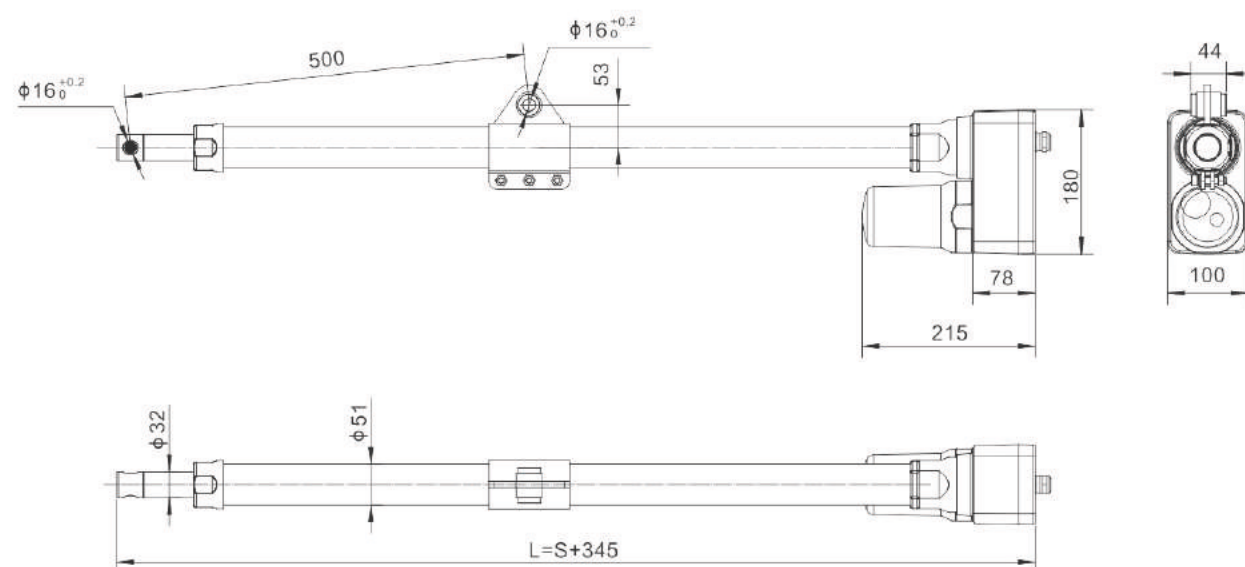
SPECIFICATIONS

Dynamic load push	(N)	12000
Dynamic load pull	(N)	12000
Static load push*	(N)	≥20000
Static load pull*	(N)	≥20000
Input voltage	(VDC)	24
Speed at full load	(mm/s)	2.2 ± 10%
Stroke length	(mm)	800 ± 7.5mm
Color		Black
Limit switch		Build-in
Overload protection*		Set in the control box
Optional motor		DC Brush Motor/DC Brushless Motor
IP grade		IP66
Operating temperature		-35℃ ~ +65℃
Optional features		Hall sensor option

*The values of Static load apply when appropriate Bibus Control Box is used, which short-circuits the motor during stop.

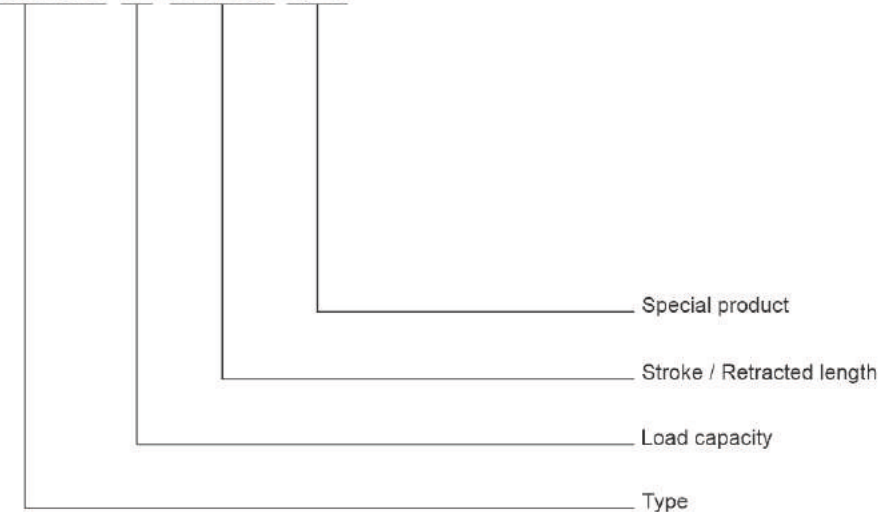
*Overload protection is set in Bibus own control box.

DIMENSIONS



ORDER KEY EXAMPLE

BBS35SA1 12 800/500 SPC



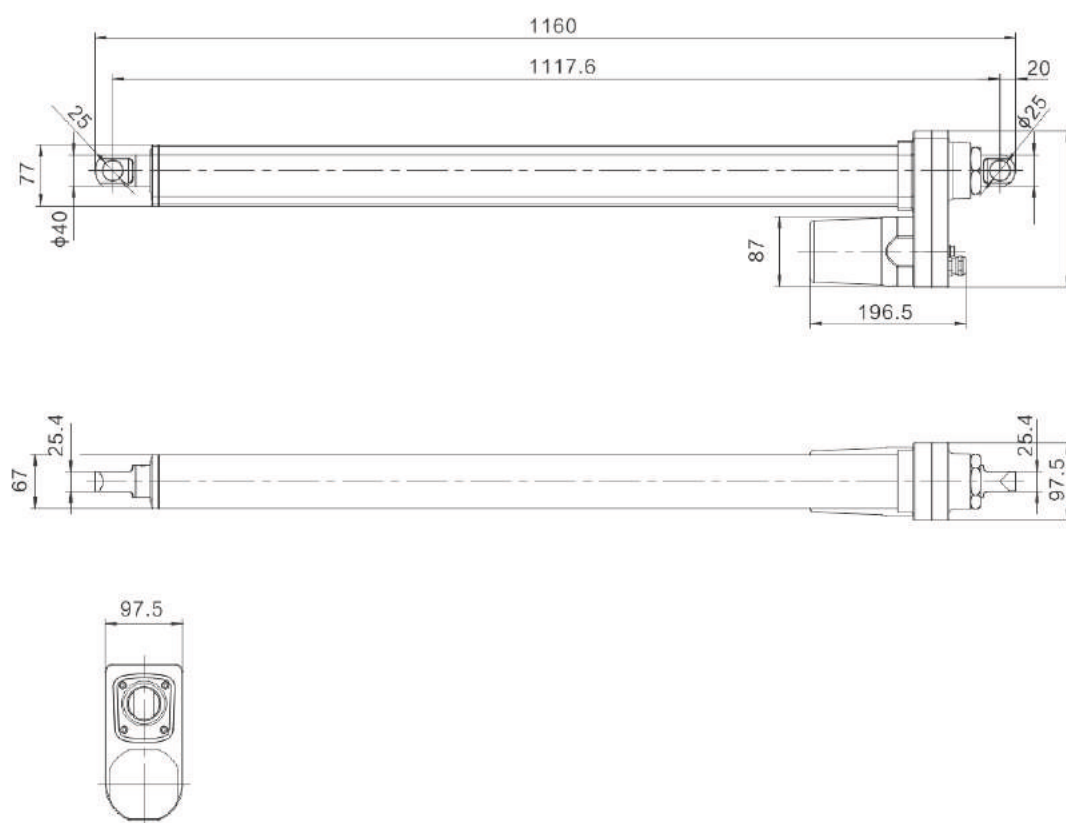
BBS35SA5 LINEAR ACTUATOR

FEATURES

- Strong load capacity, long service life
- Apply for photovoltaic solar tracking stand



DIMENSIONS



SPECIFICATIONS

Rated load	(N)	20000(push)	20000(pull)
Limit load	(N)	20000(push)	20000(pull)
Speed at full load	(mm/s)	2.2(rated)	2(limit)
Input voltage	(VDC)	24	
No-load speed	(mm/s)	2.5	
No-load current	(A)	0.8	
Rated load current	(A)	7.5	
Static load	(N)	≥65000	
Stroke length	(mm)	800(Customized acceptable)	
Color		Metal Color	
Limit switch		Build-in	
IP grade		IP66	
Operating temperature		-35℃ ~ +65℃	

ORDER KEY EXAMPLE

BBS35SA5	20	800/1117D6	SPC	
				Special product
				Stroke / Retracted length
				Load capacity
				Type

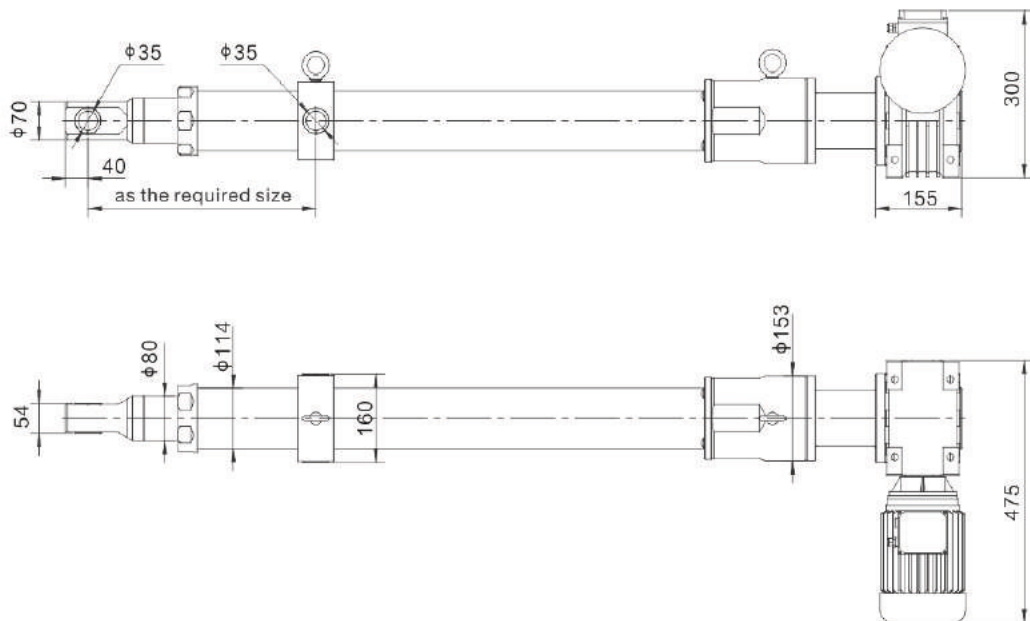
BBS35SA7 LINEAR ACTUATOR

FEATURES

- Strong load capacity,long stroke length
- Apply for photovoltaic solar tracking system



DIMENSIONS

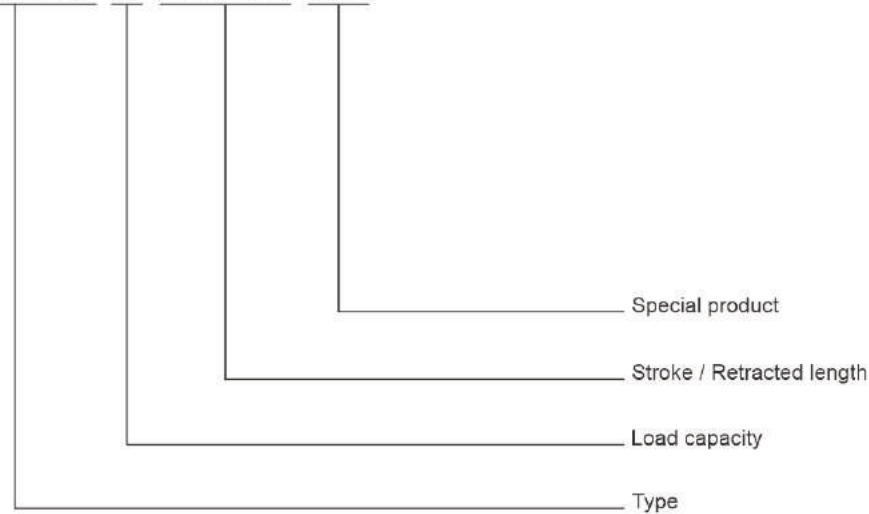


SPECIFICATIONS

Dynamic load push	(N)	80000	
Dynamic load pull	(N)	80000	
Static load push	(N)	≥200000	
Static load pull	(N)	≥200000	
Input voltage	(VDC)	DC24/AC380/220	AC380/220
Speed at full load	(mm/s)	1.6	4
Motor Power	(W)	550	1500
Stroke length	(mm)	≤2300	
Color		Black or silver	
IP grade		IP66/IP56	
Operating temperature		-35℃ ~ +65℃	
Service life		> 10000 times	

ORDER KEY EXAMPLE

BBS35SA7 80 2100/XXX SPC



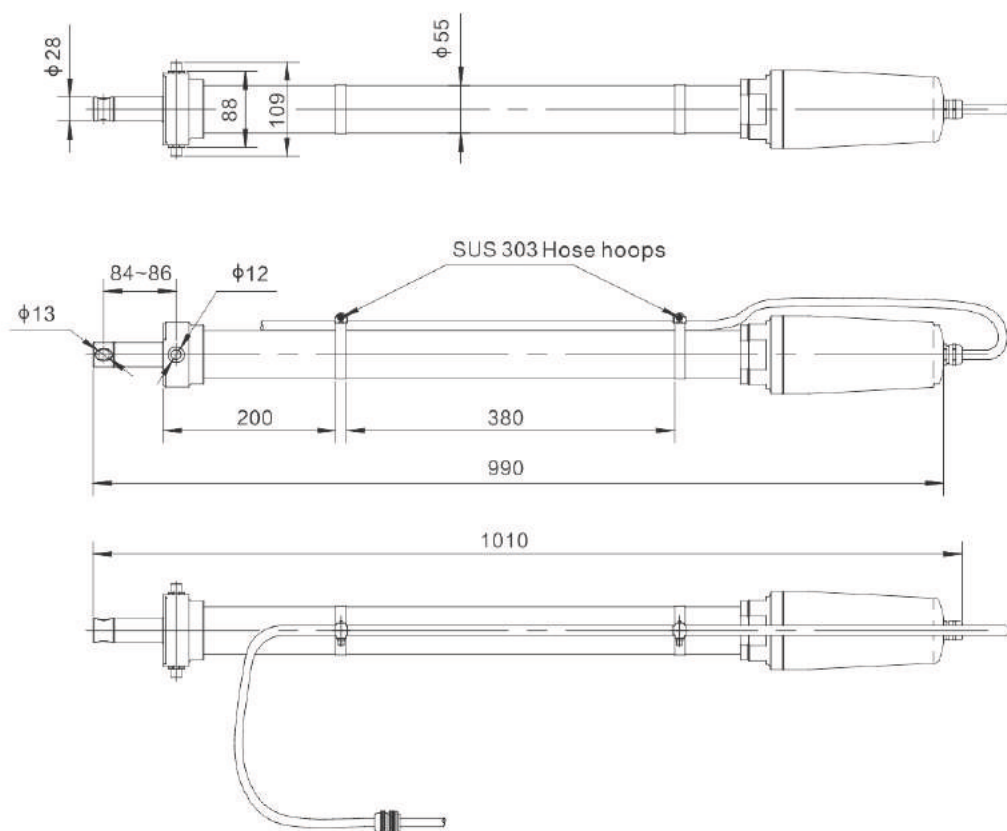
BBS35SA2 LINEAR ACTUATOR

FEATURES

- Long service life, high IP grade
- The high precision of positioning and repeat positioning
- Apply for optothermal solar tracking stand



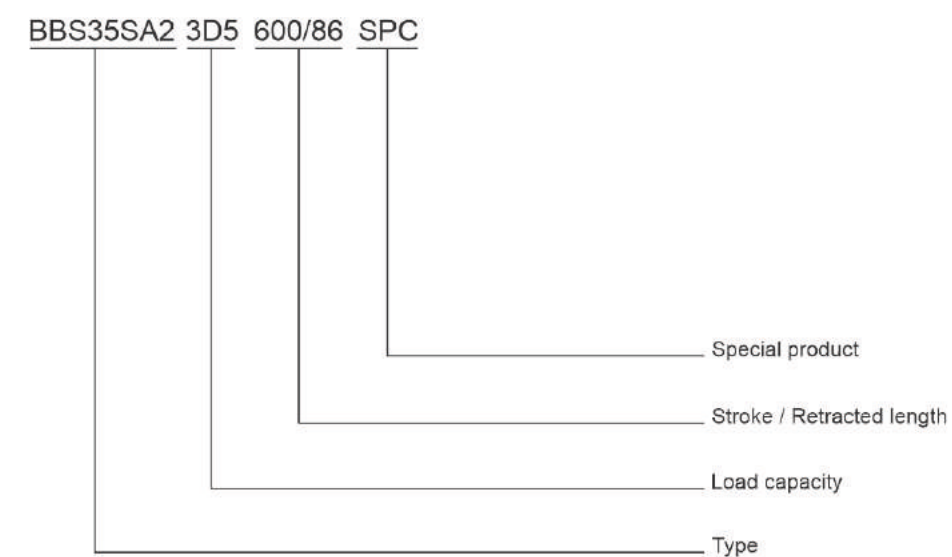
DIMENSIONS



SPECIFICATIONS

Load push	(N)	>850(high speed)	>3500(low speed)
Load pull at high speed	(N)	>850(high speed)	>3500(low speed)
Speed at full load	(mm/s)	4(high speed)	1.2(low speed)
Input voltage	(VDC)	24	
Static load	(N)	≥5000	
Stroke length	(mm)	100-600(Customized acceptable)	
Color		Black	
Overload protection		Set in the control box	
Optional motor		Stepper motor	
Screw		Ball screw	
IP grade		IP66	
Operating temperature		-35℃ ~ +65℃	
Atmospheric corrosive environment		C3	
Corrosion protection requirements		Neutral salt spray test 480h	

ORDER KEY EXAMPLE



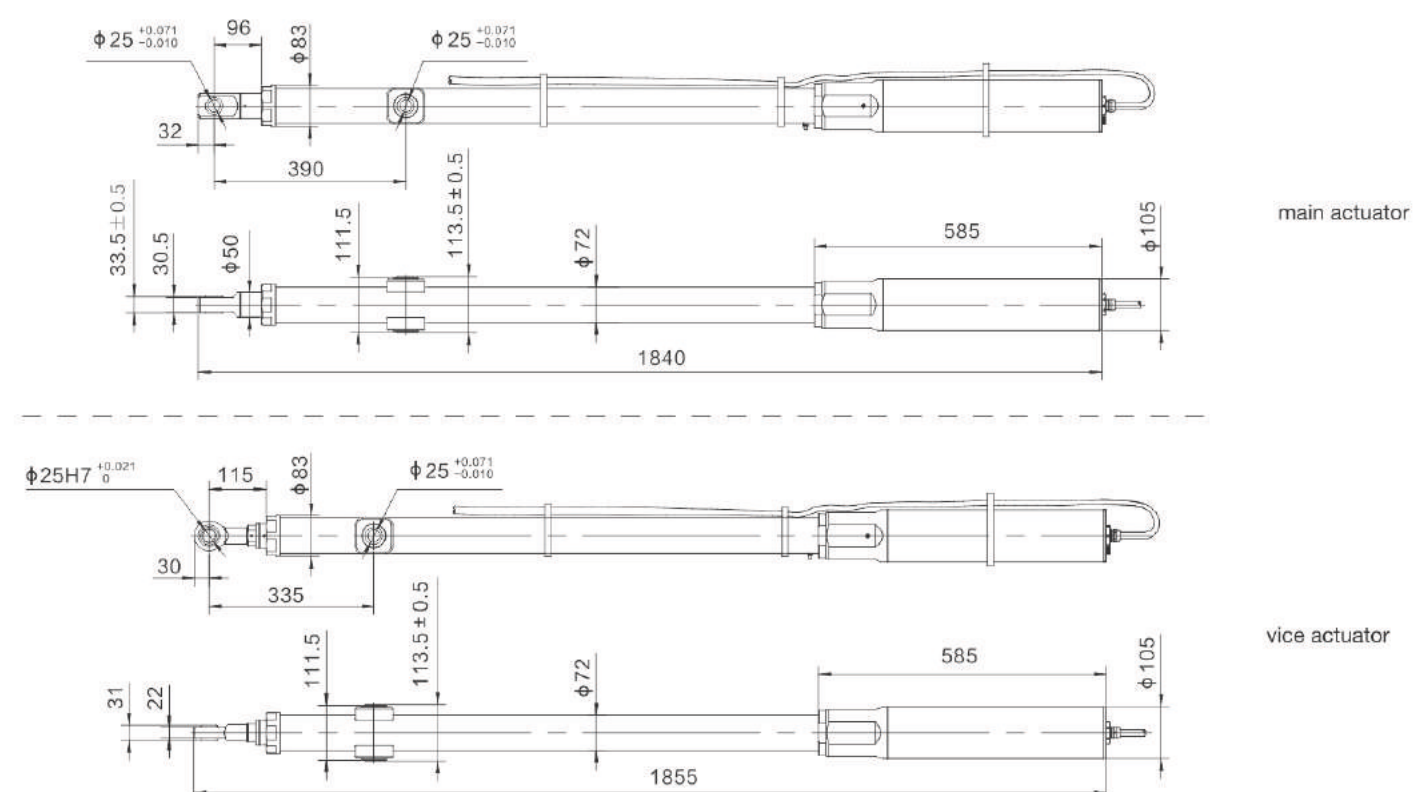
BBS35SA6 LINEAR ACTUATOR

FEATURES

- Strong load capacity, long service life, high IP grade
- The high precision of positioning and repeat positioning
- Apply for optothermal solar tracking stand



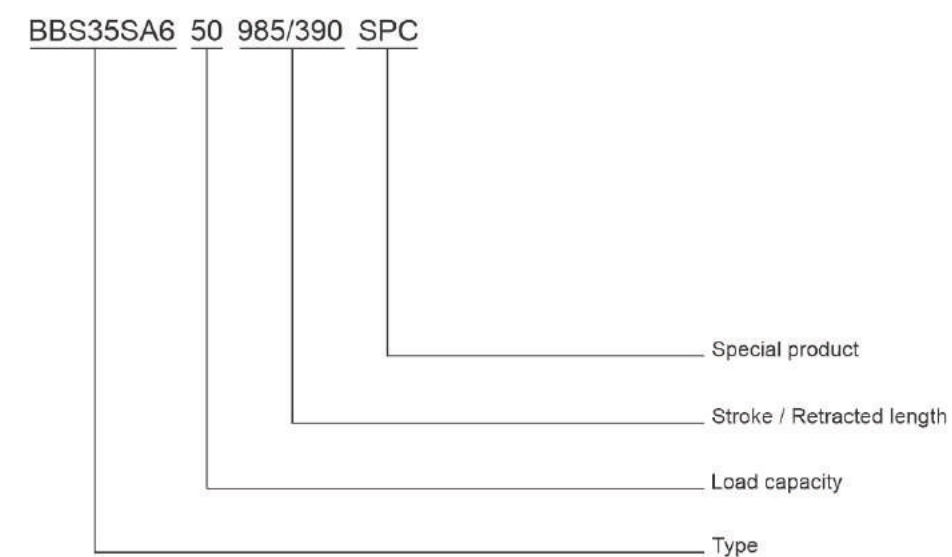
DIMENSIONS



SPECIFICATIONS

Dynamic load push	(N)	24000	Speed at full load	(mm/s)	1.5
Dynamic load pull	(N)	50000	Speed at full load	(mm/s)	0.6
Input voltage	(VDC)	24			
Stroke length	(mm)	≤ 1000			
Zero-potential accuracy	(mm)	≤ 0.2			
Positioning accuracy	(mm)	≤ 0.2			
Axial accuracy	(mm)	≤ 0.6 ($\pm 2000N$)			
Static load	(N)	≥ 55000			
Color		Metal Color			
Limit switch		Build-in			
IP grade		IP66			
Operating temperature		$-30^{\circ}\text{C} \sim +65^{\circ}\text{C}$			
Atmospheric corrosive environment		C3			
Corrosion protection requirements		Neutral salt spray test 480h			

ORDER KEY EXAMPLE



BBSB35Q CONTROL BOX

BBSB35T CONTROL BOX

FEATURES

- Connection of max 4 actuators and 1 operator
- Wide voltage 100-240V
- Power supply with SMPS, more light and handy
- BBSB35Q could mount with actuator DF, DF-F Gtypes
- BBSB35T could connect external battery



BBSB35Q



BBSB35T

SPECIFICATIONS

	BBSB35Q	BBSB35T		BBSB35Q	BBSB35T
Number of actuator outputs	1-4 outputs		Duty cycle	10%,max 2min.continuous use	
Max output voltage (VDC)	29		Overload protection	PTC protection	Overcurrent protection Overtemperature protection
Input voltage (VAC)	100-240		Cable length	3m	3m(Optional)
Transformer power (VA)	50/100		IP grade	Max IP66	
Actuator plugs	Motor straight plug		Operating temperature	+5°C ~ +40°C	
Hand/Foot-Control plugs	Motor straight plug		Standard	UL60601 /CE	
Power plug	Option		Other features	Batteries external	
Color	Black or grey			RF receiver built-in	

BBSB1 CONTROL BOX

FEATURES

- There is no power supply inside, battery and adapter can be used as an external power source



SPECIFICATIONS

Number of actuator outputs	1-4 outputs	Duty cycle	10%,max 2min.continuous use
Output voltage (VDC)	24	Overload protection	PTC protection
Actuator plugs	DIN 4M bend plug	Cable length	0.3m
Hand/Foot-Control plugs	Maletti bend plug	IP grade	IP54
Power plug	01s	Ambient temperature	+5°C ~ +40°C
Color	Black or grey	Standard	CE

BBSB35N2 CONTROL BOX

FEATURES

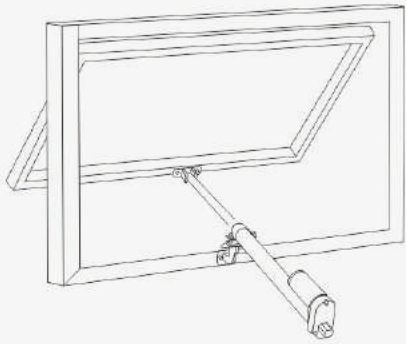
- Low power consumption<0.2W
- Good soft start
- Intelligent protection design, auto back tracking against resistance
- Flexible installation
- More beautiful, light and handy



SPECIFICATIONS

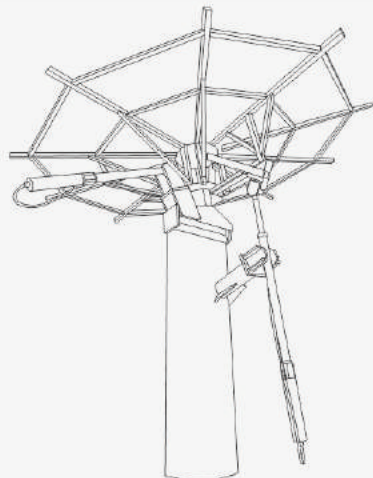
Number of actuator outputs	1-2 outputs	Color	Black
Output voltage (VDC)	33	Duty cycle	S2-20min,max 2min.continuous use
Input voltage (VAC)	110/230	Overload protection	Current protection
Transformer power	400	Cable length	3m(Optional)
Actuator plugs	DIN 6 ET plug	IP grade	IP20
Hand/Foot-Control plugs	DIN 8 RJ plug	Ambient temperature	+5°C ~ +40°C
Power plug	Option	Standard	UL/TUV-mark(CE)/PSE/KC

CASE PRESENTATION



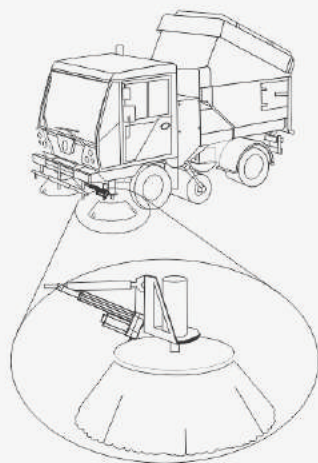
Window opener

It's convenient and fast to choose linear actuator as window opener no matter in office building or greenhouses or warehouses, no matter for the shutters or casement windows. Environmentally friendly and efficient, easy to install and maintenance-free.



Solar tracking system

Linear actuator as the power component, formulating intelligent solutions to solar tracking system can bring you many advantages. Strong and durable, high IP grade and salt spray test ensure actuators can adapt to the harsh environment of solar power station — High precision stroke control and low power consumption can be realized; Easy to install and maintenance-free.



Sanitation vehicles

With the social high demand for clean and environmental protection, sanitation equipments also need higher degree of automation and intelligence. The advantages of linear actuator help OEMS to optimize product. They can adapt different working conditions according to harsh environment testing. Simple and compact structure enables flexible installation. Cleaner and lower energy consumption.

CUSTOMIZED PROCESS

