



E-MC
OPEN NEW AUTOMATION MIND
 The automation mind - New competitiveness for modern enterprise



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Pneumatic Cylinder

3 Points positioning and precisely machined head caps and pistons done by imported 3-D CNC machine, fundamentally solved traditional pneumatic cylinder working problems of climbing and quivering, which makes E·MC pneumatic cylinder enjoys very dependable and stable excellent quality. As one of the most professional manufacturer in China, E·MC has widest pneumatic cylinder category and quality is among the best. With over 25 years experining in designing all kinds of pneumatic cylinders, we developed and provided a lot of customized cylinders to many famous companies in the world, which makes E·MC quality satisfied accepted wldly. E·MC R&D team always devote to study and creation for pneumatic cylinder, we'll develop more and more cylinders and push the pneumatic cylinder industry forward together with you.

EXSM Series Cylinder Bore Size: 8-32mm

EQ Series Cylinder Bore Size: 20-100mm

SWB Series Cylinder Bore Size: 3-63mm

EC Series Cylinder Bore Size: 32-600mm Tie-rod standard

FE Series Cylinder Bore Size: 32-100mm ISO6431 & VDMA24562

PA Series Cylinder Bore Size: 10-63mm

AS Series Cylinder Bore Size: 12-40mm

VBC Series Cylinder Bore Size: 32-200mm ISO6431 & VDMA24562

EMQ Series Cylinder Bore Size: 10-200mm

SQ Series Cylinder Bore Size: 12-100mm

SHL2 Series Cylinder Bore Size: 10-40mm Popular

FVBC/FXBC Series Standard Cylinder



How to Order?

FV -- B C -- [50x50] -- S -- [] -- []

B: Standard cylinder
D: Double-shaft type
A: Double-shaft, adjustable stroke type
S: Swivelling type

Bore x Stroke
32-100mm
0-2000mm

Blank: No magnet
S: With Magnet

Mounting type:
Blank: basic type
FLB: Foot Mounting
FFA/FB: Front Rear Plate Mounting
FCA: Single Trunnion Mounting
FCB: Double Trunnion Mounting
FCR: Double Trunnion with Hinge Mounting

Rod end fitting type
Blank: Basic type
FY: Y fitting
FI: I fitting
FF: Floating fitting
FB: Bearing fitting

Order example:

* FV series Square type, Standard Type, 32mm bore, 50mm stroke, with magnet, Model: FVBC 32x50-S
* FX series Mickey mouse type, Standard Type, 63mm bore, 150mm stroke, Model: FXBC 63x150

Specifications

Bore Size(mm)	32	40	50	63	80	100
Acting type	Double Acting					
Working medium	Clean Air (25 μ filtration)					
Mounting type	FVA	FFB	FCA	FCB	FLB	FLB
Rod end fitting type	FY	FI	FF	FB		
Range of working pressure (Bar)	1-9.0					

Bore Size(mm)	32	40	50	63	80	100
Guaranteed pressure (Bar)	13.5					
Working temperature (°C)	-5 ~ 70					
Speed range (mm/s)	50-800					
Cushion type	Adjustable Cushion					
Cushion stroke (mm)	24 32					
Port Size	G 1/8	G 1/4	G 3/8	G 1/2		

VBC/LBC Series Standard Cylinder

How to Order?

V -- B C -- [50x50] -- S -- [] -- []

B: Standard cylinder
D: Double-shaft type
A: Double-shaft, adjustable stroke type
S: Swivelling type

Bore x Stroke
32-200mm
0-3000mm

Blank: No magnet
S: With Magnet

Mounting type:
Blank: basic type
VLB: Foot Mounting
VFA/FB: Front Rear Plate Mounting
VCA: Single Trunnion Mounting
VCB: Double Trunnion Mounting
VCR: Double Trunnion with Hinge Mounting

Rod end fitting type:
Blank: Basic type
VY: Y fitting
VI: I fitting
VF: Floating fitting
VB: Bearing fitting

According to ISO6431 Standard
V: Mickey Mouse type
L: Tie-Rod type

Order example:

* V series Mickey mouse type, Double-shaft with adjustable stroke 20mm, 50mm bore, 100mm stroke, Model: VAC 50X100-20
* L series Tie-rod type, Standard Type, 32mm bore, 50mm stroke, with magnet, Model: LBC 32X50-S

Specifications

Bore Size(mm)	32	40	50	63	80	100	125	160	200
Acting type	Double Acting								
Working medium	Clean Air (25 μ filtration)								
Mounting type	VFA	VFB	VCA	VCB	VCR	VLB			
Rod end fitting type	VY	VI	VF	VB					
Range of working pressure (Bar)	1-9.0								
Guaranteed pressure (Bar)	13.5								

Bore Size(mm)	32	40	50	63	80	100	125	160	200
Working temperature (°C)	-5 ~ 70								
Speed range (mm/s)	50-800								
Cushion type	Adjustable Cushion								
Cushion stroke (mm)	24 32								
Port Size	G 1/8	G 1/4	G 3/8	G 1/2	G 3/4				

TBC/XBC Series Standard Cylinder



How to Order?

T -- B C -- [50x50] -- S -- [] -- []

B: Standard Cylinder
D: Double-shaft
A: Double-shaft and adjustable stroke type
S: Swivelling Type

Bore x Stroke
32-200mm
0-2000mm

Blank: Without Magnet
S: Magnet

Mounting type:
Blank: Basic type
TFA/FB: Front Rear Plate Mounting
TCA: Single Trunnion Mounting
TCB: Double Trunnion Mounting
TTC: Centre Trunnion Mounting
TTC-M: Centre Trunnion with Mounting
TCR: Double Trunnion with Hinge Mounting

Rod end fitting type:
Blank: Basic type
TY: Y fitting
TI: I fitting
TF: Floating fitting
TB: Bearing fitting

Order example:

* T series cylinder, Standard type, 32mm bore, 50mm stroke, with magnet, Model: TBC 32x50-S
* X series cylinder, double shaft with adjustable stroke 20mm, 40mm bore, 200mm stroke, Model: XAC 40X200-20

Specifications

Bore Size(mm)	32	40	50	63	80	100	125	160	200
Acting type	Double Acting								
Working medium	Clean Air (25 μ filtration)								
Mounting type	TFA	TFB	TCA	TCB	TLB	TTC	TTC-M	TCR	
Rod end fitting type	VY VI VF VB								
Range of working pressure (Bar)	1-9.0								
Guaranteed pressure (Bar)	13.5								

Bore Size(mm)	32	40	50	63	80	100	125	160	200
Working temperature (°C)	-5 ~ 70								
Speed range (mm/s)	50-800								
Cushion type	Adjustable Cushion								
Cushion stroke (mm)	24 32								
Port Size	G 1/8	G 1/4	G 3/8	G 1/2	G 3/4				

PHC Hydro Pneumatic Cylinder

How to Order?

PHC -- D -- [80x150] -- 5 -- [F]

S: Single cylinder
D: Dual cylinder

Bore Total stroke
63-200mm
50-500mm

Power stroke:
5mm, 10mm, 15mm, 20mm

Blank: Basic type
F: Flange type

PHC Hydro pneumatic cylinder

Order example:

PHC type hydro pneumatic cylinder, basic type, single cylinder, 80mm bore, 180mm stroke, 5mm power stroke: Model No.:PHC-S-80x180-5
PHC type hydro pneumatic cylinder, flange type, dual cylinder, 160mm bore, 250mm stroke, 10mm power stroke: Model No.:PHC-D-160x250-10F



NEW
Hydro
Pneumatic
Cylinder

Specifications

Bore Size(mm)	63	80	100	125	160	200
Working medium	Clean air with oil (Below 0.3 μ m filtration and with 1mg/m ³ oil)					
Guaranteed pressure (Bar)	12					
Working pressure (Bar)	2-8					
Ambient and working temperature(°C)	0-70					

Bore Size(mm)	63	80	100	125	160	200
Piston speed (mm/s)	50-200					
Output power force (kg)	1900-30000					
Return force (kg)	Be decided according to bore size, the rod diameter and working pressure					
Intermediate medium	oil (32#-15#)					

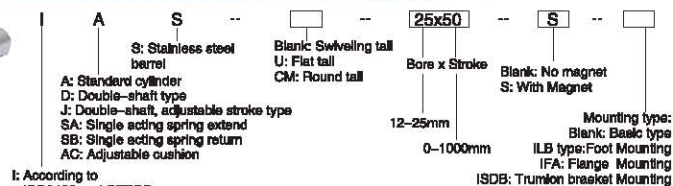


IAS Series Mini Cylinder

How to Order?



IAS 25x50-S



I: According to ISO6432 and CETOP RP82P standard

Order example:

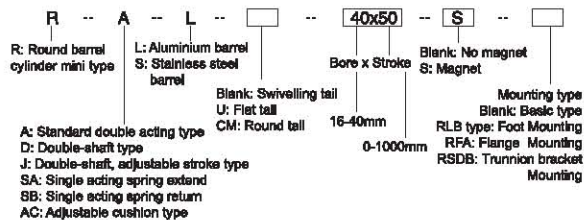
- * I Series Cylinder Stainless Steel Barrel, 12mm bore, 50mm stroke, Model: IAS 12X50
- * I Series Cylinder Stainless Steel Barrel, Adjustable cushion, 25mm bore, 70mm stroke, with magnet, Model: IACS 25X70-S

Specifications

Bore Size(mm)	12	16	20	25
Acting type	Double Acting / Single Acting			
Working medium	Clean Air (25 μ filtration)			
Mounting type	IFA ISDB ILB			
Working pressure (Bar)	1-8.0			
Max. working pressure (Bar)	13.5			
Working temperature (°C)	0-80 (dry air-20)			
Speed range (mm/s)	10-1000			
Cushion type	16mm-25mm are with adjustable cushion, 12mm no cushion			
Material	Stainless steel barrel			
Port Size	M5 x 0.8 G 1/8			

RAL/RAS Series Mini Cylinder

How to Order?



RAL 20x100



RAL-U 20x80



RAL 32x40



RACS 20x75



RAS 25x75

Order example:

- * R series cylinder with aluminium barrel, Standard type, 16mm bore, 50mm stroke, Model: RAL 16X50
- * R series cylinder with stainless steel barrel, adjustable cushion type, 20mm bore, 80mm stroke, with magnet, Model: RACS 20x80-S

Specifications

Bore Size(mm)	16	20	25	32	40
Acting Type	Double Acting				
Working Medium	Clean Air (25 μ filtration)				
Mounting type	RLB RFA RSDB				
Range of working pressure (Bar)	1-8.0				
Guaranteed pressure (Bar)	13.5				

Bore Size(mm)	16	20	25	32	40
Working temperature (°C)	-5-70				
Speed range (mm/s)	50-800				
Cushion type	Standard Type Anti-bump cushion				
Cushion type	Adjustable Cushion				
Port Size	M5 x 0.8 G 1/8				

SJ Series Stainless Steel Mini Type Cylinder

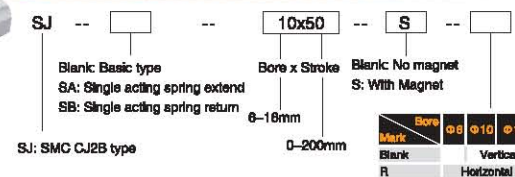
How to Order?



SJ 16x75



SJSA 6x20



Order example:

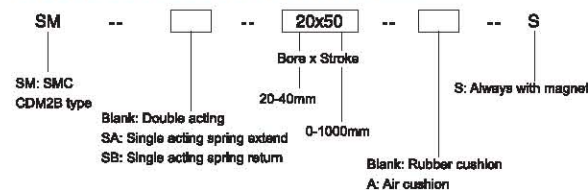
- * SJ type mini cylinder, basic type, 12mm bore, 60mm stroke, Model: SJ 12x60
- * SJ type mini cylinder, single acting spring extend type, 10mm bore, 25mm stroke, with magnet, Model: SJSA 10X25-S

Specifications

Bore Size(mm)	6	10	16
Guaranteed pressure (Bar)	10.5		
Max. working pressure (Bar)	7		
Min. working pressure (Bar)	0.6		
Working temperature (°C)	-10-70		
Speed range (mm/s)	50-750		
Cushion type	Both Ends Cushion		
Tolerance of stroke	+1.0 0		

SM Series Stainless Steel Mini Type Cylinder

How to Order?



SM 25x100



SM 40x50-S

Order example:

- * SM type mini cylinder, basic type, 16mm bore, 60mm stroke, with magnet, Model: SM 12x60-S
- * SM type mini cylinder, single acting spring extend type, 10mm bore, 25mm stroke, with magnet, Model: SMSA 10X25-S

Specifications

Bore Size(mm)	20	25	32	40
Working medium	Clean Air (25 μ filtration)			
Acting type	Double acting			
Working pressure(Bar)	0.5-10			
Working temperature (°C)	-10-70			
Cushion type	Adjustable cushion (optional)			
Speed range (mm/s)	Min: 10 Max: 1000			

EAB Series Slim Type with Squareness End Cover Cylinder

How to Order?



EAB 20x75

EA -- B -- -- 40X100 -- -- -- S

Square cover and rod cylinder

Bore X Stroke

Mounting type
E: Side mounting
F: Face mounting

Blank: No magnet
S: With Magnet

EA: Slim double action cylinder

Blank: No ring
Y: With ring

16-40mm

0-300mm

Rod Fitting type
Blank: No accessory
I: I fitting
Y: Y fitting
Bearing fitting should order separately

Order example: separately
 * EAB Series Slim Type with Squareness End Cover Cylinder, 25mm bore, 100mm Stroke, Side mounting.
 Model: EAB25x100-E

Specifications

Bore Size(mm)	16	20	25	32	40
Acting Type	Double Acting				
Working Medium	Clean air (25 μ filtration)				
Mounting type	Foot Type Flange Type Single U-ring Type				
Range of working pressure (Bar)	9				
Guaranteed pressure(Bar)	13				
Working temperature(°C)	0-70				
Speed range (mm/s)	30-700				
Cushion type	Fixed (Rubber Cushion)				
Oil supply	No Change				
Port Size	1/8				

SP Series Needle Cylinder

How to Order?

SP --  -- 10x15 --  --  -- 

B: Plate mounting type (two nut)
S: Inside-hiding type (one nut)
T: Trunnion Type

Bore x Stroke
6-15mm
0-30mm

Thread type of piston rod
Blank: Male thread
B: No thread

Only for SPD Type
Blank: No magnet
S: With Magnet



SP: SMC CJP needle cylinder
single acting apring return
SPD: SMC CJP needle cylinder
double acting

Order example:

- * SP type needle cylinder, single acting spring return, plate mounting, male thread, 6mm bore, 10mm stroke, Mode: SPB 6X10
- * SP type needle cylinder, double acting, inside-hiding mounting, with magnet, no thread 10mm bore, 25mm stroke, Mode: SPDS 10X25-BS

Specifications

Bore Size(mm)	6	10	15	Bore Size(mm)	6	10	15
Working medium	Clean Air (25 μ filtration)			Working temperature (°C)	5-60		
Acting type	Single acting spring return/Double acting			Cushion	None(SPD),both ends cushion (SPD)		
Guaranteed pressure (Bar)	10.5			Stroke Tolerance	+1.0		
Max. working pressure (Bar)	7				0		
Min. working pressure (Bar) SP	2		1.5	Lubrication	Not required		
pressure (Bar) SPD	1.2		0.6	Port Size	M5x0.8		

SE Series European Standard Compact Cylinder

How to Order?



SE -- S -- 20X30 -- B

Blank: No magnet
S: With Magnet

Bore X Stroke

12-100mm

0-150mm

SE: European standard compact cylinder
Blank: Female thread
B: Male thread
N: No thread

Order example:

* SE type european standard compact cylinder, no magnet, 20mm bore, 30mm stroke, with female thread. Model: SE20*30
* SE type european standard compact cylinder, with magnet, 32mm bore, 100 stroke, with male thread. Model: SES32*100-B

Specifications

Bore Size(mm)	12	18	20	25	32	40	50	63	80	100
Acting type	Double acting									
Working medium	Single acting: With spring return / With spring extend Clean air (25 μ filtration)									
Working pressure(Bar)	Double acting	1-9								
	Single acting	2-9								
Max. working pressure (Bar)		15								
Working temperature (°C)		-5-70								
Speed range (mm/s)	Double acting	30-500						30-350	30-250	
	Single acting	30-500						30-350		
Cushion type	Fixed cushion									
Port size (mm)		M5x0.8						G 1/8	G 1/4	

SD Series Compact Cylinder

How to Order?



SD 20x15-N

SD 50x10

SD	--		--		--		--	
Asian SDA type		Blank: Double acting type SA: Single acting spring extend SB: Single acting spring return		Bore x Stroke 12-100mm 0-150mm		Blank: No magnet S: With Magnet		Blank: Female thread on piston rod end M: Male thread on piston rod end N: No thread on piston rod end

Order example:

* SD type compact cylinder, basic type, 40mm bore, 75mm stroke, female thread on piston rod end,
Model: SD 40x75

* SD type compact cylinder, single acting spring extend type, 12mm bore, 30mm stroke, with magnet, male thread on piston rod end, Modle: SDSA 12x30-SM

Specifications

Bore Size(mm)	12	16	20	25	32	40	50	63	80	100
Acting type	Double Acting									
Working medium	Single acting: With spring return / With spring extant Clean air (25 μ filtration)									
Working pressure(Bar)	Double acting	1-9								
Single acting		2-9								—
Max. working pressure (Bar)		13.5								
Working temperature (°C)		-5-70								
Speed range (mm/s)	Double acting	30-500					30-350		30-250	
Single acting		100-500								
Cushion type		Fixed cushion								
Port Size (mm)		M5x0.8			G 1/8		G 1/4		G 3/8	


SQ Series Compact Cylinder
How to Order?


SQ -- [] -- [] -- 20x50 -- [S] -- []

Fixing type:
Blank: Through hole
A: Female thread at both ends

Bore x Stroke
12-125mm
0-100mm

Blank: No magnet
S: With Magnet

Blank: Female thread on piston rod
M: Male thread on piston rod

SQ: SMC
CQ2B type

Blank: Basic type
D: Double shaft type
SA: Single acting spring extend
SB: Single acting spring return

Order example:

* SQ type compact cylinder, basic type, fixing type: through hole, 50mm bore, 85mm stroke, Model: SQ 50x85
* SQ type compact cylinder, single acting spring return, fixing type: female at both ends, male thread on piston rod, 63mm bore, 100mm stroke, with magnet, Model: SQASB 63x100-SM

Specifications

Bore Size(mm)	12	16	20	25	32	40	50	63	80	100	125
Working medium	Clean air (25 μ filtration)										
Acting type	Double acting / Single acting spring return / Single acting spring extend										
Max. working pressure (Bar)	15										
Working pressure (Bar)	1-10										
Working temperature (°C)	5-60										
Piston rod thread type	Female thread (Standard) / Male thread (Optional)										
Bore Size(mm)	12	16	20	25	32	40	50	63	80	100	125
Cushion	None										
Tolerance of Stroke	+1.0 0										
Lubrication	Not Required										
Installation (On barrel ends)	Through hole (Standard), female thread on both sides (Optional)										
Port Size (mm)	M5x0.8 G 1/8 G 1/4 G 3/8										

EU Series Free Installation Cylinder
How to Order?

EU -- [] -- [] -- 20x50 -- [S]

Blank: Basic type
K: No-Swivelling Piston Rod
SA: Single acting spring extend
SB: Single acting spring return

Bore x Stroke
10-32mm
0-50mm

Blank: No magnet
S: With Magnet

EU: SMC CU free installation type


EU 16x15
Order example:

* EU type free installation cylinder, basic type, 20mm bore, 50mm stroke, Model: EU 20x50
* EU type free installation cylinder, single acting spring return type, 25mm bore, 60mm stroke, with magnet, Model: EUSB 25x60-S

Specifications

Bore(mm)	10	16	20	25	32
Acting type	Double acting / Single acting spring return / Single acting spring extend				
Guaranteed pressure (Bar)	10				
Working pressure (Bar)	7				
Working temperature (°C)	5-60				
Cushion type	Rubber cushion				
Port Size	M5x0.8 G 1/8				

EN Series Double-shaft cylinder
NEW TECHNOLOGY

EN 16x15
How to Order?

EN -- [] -- [S]

EN: SMC TN double-shaft cylinder

Bore x Stroke
10-32mm
0-200mm

Blank: No magnet
S: With Magnet

Order example:

* EN type double-shaft cylinder, basic type, 20mm bore, 50mm stroke, Model: EN 20x50
* EN type double-shaft cylinder, 25mm bore, 50mm stroke, with magnet, Model: EN 25x50-S

Specifications

Bore(mm)	10	16	20	25	32
Acting type	Double acting				
Working medium	Clean air (25 μ filtration)				
Working pressure (Bar)	1-9				
Guaranteed pressure (Bar)	13.5				
Working temperature (°C)	-5-70				
Speed range (mm/s)	100-500				
Adjusting stroke (mm)	-10-0				
Cushion type	Adjustable cushion				
Non-rotating accuracy	0.4°				
Port Size	M5x0.8 G 1/8				

EXS Series Double-Shaft Cylinder
How to Order?

EXS -- M -- [] -- [S]

EXS: SMC CXS Series

Bearing type
M: Slide Bearing type
L: Ball Bearing type

Bore x Stroke
10-32mm
0-100mm

S: Always with magnet

Hot Double Power

EXSM 10x40
Order example:

* EXS Series, Slide Bearing type, 10mm Bore, 30mm stroke, Model: EXSM 10x30-S
* EXS Series, Ball Bearing type, 15mm Bore, 35mm stroke, Model: EXSL15x35-S

Specifications

Bore(mm)	10	15	20	25	32
Working Medium	Air				
Acting type	Double Acting				
Guaranteed Pressure (Bar)	10.5				
Max. Working Pressure (Bar)	7				
Min. Working Pressure (Bar)	1 0.5				
Working Temperature (°C)	5-60				
Cushion	Both Ends Cushion				
Structure	Double Power				
Bore(mm)	10	15	20	25	32
Lubrication	Not required				
Adjustable Cushion	Return Stroke 0-5mm				
Bearing	Slide Bearing type & Ball Bearing type				
No-rotating accuracy	+0.15	+0.13	+0.11	+0.1	+0.08
Port Size	M5x0.8				



SR Series Slide cylinder



SRB 16x100

How to Order?

SR -- -- -- S

SR: Sliding cylinder B: Body fixed type L: Slide block fixed type
20x50 Bore x Stroke
10-25mm 0-250mm
S: Always with magnet

Order example:

* SR type sliding cylinder, body fixed type, 20mm bore, 50mm stroke, Model: SRB 20X50-S
* SR type sliding cylinder, slide block fixed type, 16mm bore, 75mm stroke, Model: SRL 16X75-S

Specifications

Bore(mm)	10	16	20	25
Acting type	Double piston Double acting			
Working medium	Clean air (25 μ filtration)			
Working temperature (°C)	-5~70			
Working pressure (Bar)	1~9			
Guaranteed pressure (Bar)	13.5			
Speed range (mm/s)	50~200			
Cushion type	No	Shock Absorber		
Oil supply	Not Required			
No rotating accurag	± 0.1°		± 0.5°	
Port Size	M5x0.8		G 1/8	

SG Series Three-shaft cylinder

How to Order?

SG -- -- -- S

SG: SMC MGP three-shaft cylinder with Magnet M: Slide bearing type B: Ball bearing type
20x50 Bore x Stroke
12-100mm 0-200mm
S: Always with magnet



SGM16x30-S

Order example:

* SG type three-shaft cylinder, slide bearing type, 20mm bore, 60mm stroke, Model: SGM 20X60-S
* SG type three-shaft cylinder, ball bearing type, 32mm bore, 75mm stroke, with magnet, Model: SGB 32X75-S

Specifications

Bore(mm)	12	16	20	25	32	40	50	63	80	100
Guaranteed pressure (Bar)	15.3									
Working pressure (Bar)	1.2~10.2									
Working temperature (°C)	-10~60									
Piston speed (mm/s)	50~500					50~400				
Cushion	Rubber cushion									

Bore(mm)	12	16	20	25	32	40	50	63	80	100
Tolerance of stroke	+1.5 0									
Bearing	Slide bearing / Ball bushing bearing									
Non-rotating accuracy	Slide bearing ±0.08°	Slide bearing ±0.07°	Slide bearing ±0.06°	Slide bearing ±0.05°	Slide bearing ±0.04°					
Port Size	M5x0.8	G 1/8	G 1/4	G 3/8						



SW Series Rodless cylinder



SWB 15x125

How to Order?

SW -- -- -- S

SW: SMC CY1 Series Rodless cylinder B: Basic type S: Slide type L: Ball bushing bearing R: Magnetically Coupled Rodless Cylinder-Direct Mount RG: Magnetically Coupled Rodless Cylinder Direct Mount-Single Joint type
20x50 Bore x Stroke
10-63mm 0-1000mm
Blank: No magnet

Order example:

* SW type Rodless cylinder, basic type, 20mm bore, 50mm stroke, Model: SWB 20X50
* SW type Rodless cylinder, slide type, 15mm bore, 75mm stroke, Model: SWS 15X75

Specifications

Bore(mm)	10	15	25	32	40	50	63
Working Medium	Clean air (25 μ filtration)						
Acting Type	Double acting						
Guaranteed pressure (Bar)	10.5						
Working pressure (Bar)	1.8~7.1						
Working temperature (°C)	5~60						
Piston speed (mm/s)	50~400						
Cushion	with rubber cushion at two sides						
Tolerance of stroke	0-250: ± 1.0 , 251-1000: ± 1.5 , 1001: ± 1.8						
Lubrication	Not required						
Port Size	M5x0.8		G 1/8		G 1/4		

EMQ Series Rotary Table, Rack & Pinion Cylinder

How to Order?

EMQ -- -- -- -- S

EMQ: SMC MSQ type Basic type Bore A: with adjustable angle screw R: with shock absorber
30 Bore
10-200mm
S: Always with magnet

Order example:

* EMQ Series Rotary Cylinder, Bore 10mm, with adjustable angle screw, Model: EMQB10A-S
* EMQ Series Rotary Cylinder, Bore 30mm, with shock absorber, Model: EMQB30R-S

Specifications

Bore Size(mm)	10	20	30	50	70	100	200
Working Medium	Clean air (25 μ filtration)						
Acting Type	Double acting						
Max. Working Pressure	10						
Min. Working Pressure (Bar)	1						
Working Temperature (°C)	0~60						
Cushion	Rubber Cushion (Standard) / Shock Absorber (Optional)						
Allowed Power	With adjustable angle screw	0.007J	0.025J	0.048J	0.081J	0.24J	0.32J 0.56J
	With shock absorber	0.039J	0.116J	0.294J	1.1J	1.6J	2.9J
Bore Size(mm)	10	20	30	50	70	100	200
Angle adjustable Range	0~190°						
Max. Rotation Angle	190°						
Steady Swing Time Range	0.2~1.0s / 90° 0.2~1.5s / 90° 0.2~2.0s / 90° 0.2~2.5s / 90°						
Piston Diameter	0.2~0.7s / 90° 0.2~1.0s / 90°						
Port Size	M5X0.8 G 1/4						



EMQ-20

ERQ Series Stopper Cylinder(Fixed Mounting height)

How to Order?

Hot

ERQ SMC RSQ type

Bore X Stroke
0-30mm
20-50mm

Acting Type
D: Double acting
B: Single acting with spring return
T: Single acting with spring extend

Mounting Type
B: Through Hole
A: Both ends tapped style

Blank: No magnet
S: With Magnet

Rod end type
Blank: Round bar type
K: Flat bar type
R: Roller type
L: Level roller type with cushion
B: Level roller type with shock absorber
C: Level roller type with shock absorber and ravel cap
D: Level roller type with shock absorber and self-lock
E: Level roller type with shock absorber, ravel cap and self-lock

Order example:
* ERQ Series Cylinder, Bore 20mm, stroke 15mm, through hole mounting, double acting spring, chamfered type, Model: ERQB 20x15BK
* ERQ Series Cylinder, Bore 40mm, stroke 30mm, with magnet, both ends female thread, single acting spring extent, level type(with adjustable shock absorber and ravel cap), Model: ERQA 40x30TCS

Specifications

Bore Size(mm)	20	32	40	50	Bore Size(mm)	20	32	40	50
Acting Type	Double acting, Double acting with spring, Single acting spring extent				Working Temperature	-10~70 (with magnet switch: max. 80°C)			
Rod Ends Type	Round bar type, Chamfered type, Roller type				Cushion	Both ends rubber cushion			
Working Medium	Clean air (25 μ filtration)				Stroke Tolerance	+1.4mm			
Guaranteed Pressure(Bar)	15				Lubrication*	Not Required			
Max. Working Pressure(Bar)	10				Mounting Type	Through hole, both ends female thread			
					Port Size	Rc(PT) 1/8			

SHL2 Series Parallel style wide Opening Air Gripper

How to Order?

SHL -- 2 -- 16 -- S

Finger quantity: 2pcs

Bore
10-40mm

Finger Open /Close Stroke

Bore	10	16	20	25	32	40
Blank	20	30	40	50	70	100
1	40	60	80	100	120	160
2	60	80	100	120	160	200

S: Always with magnet

Order example:
* SHL2 Series, bore 16mm, stroke 30mm, Model:SHL2-16DS
* SHL2 Series, bore 25mm, stroke 120mm, Model:SHL2-25DS

Specifications

Bore(mm)	10	16	20	25	32	40
Working Medium	Clean air (25 μ filtration)					
Acting Type	Double acting					
Guaranteed pressure (Bar)	6					
Min. working pressure(Bar)	1.5			1.0		
Working temperature (°C)	-10~60					
Repeatability (mm)	±0.1					
Effective gripping force (N) at 5Bar *	14	45	74	131	228	396
Port Size	M5x0.8			G1/8		

* Gripping Point=Bore Size 10,16,20,25:40mm; Bore Size 32,40:80mm

SHT2 Series Angle Style Air Gripper Toggle type

How to Order?

SHT -- 2 -- 32 -- S

SHT: SMC MHT Toggle type Air Gripper

Finger Quantity
2PCS

Bore
32-63mm

S: Always with magnet

Order example:
* Toggle type Air Gripper: 30N · m, Model: SHT2-40DS
* Toggle type Air Gripper: 100N · m, Model: SHT2-63DS

Specifications

Model	SHT2-32D	SHT2-40D	SHT2-50D	SHT2-63D
Bore(mm)	32	40	50	63
Acting Type	Double Acting			
Working Medium	Clean air (25 μ filtration)			
Range of working pressure (Bar)	1-6			
Working temperature (°C)	5-60			
Lubrication	Not Required			
Finger Open/Close Angel	-3° ~28°	-3° ~27°	-2° ~23°	-2° ~23°
Weight (kg)	0.80	1.09	1.93	2.8
Effective gripping force (N)	12.4	36.0	63.0	106

SHZ2/SHC2 Style Air Gripper

How to Order?

SHZ -- 2 -- 32 -- D -- S

Finger Quantity
2PCS

Bore
6-40mm

Acting Type
Blank: Double Acting
S: Single Acting(N.O.)
C: Single Acting(N.C.)

Dusty Seal Material
Blank: CR
F: FKM
S: SI

SHZ: SMC MHZ Parallel type gripper
SHC: SMC MHC Point type gripper

Order example:
* SHZ2 type parallel type gripper, double acting, 20mm bore, Model: SHZ2-20D
* SHC2 type point type gripper, single acting, 16mm bore, Model: SHC2-16S

Specifications

Cylinder Diameter (mm)	6	10	16	20	25	32	40	Cylinder Diameter (mm)	6	10	16	20	25	32	40
Working medium	Clean Air(25 μ filtration)								Minimum Working pressure (Bar)	0.2					
Acting type	Double Acting								Medium Temperature(°C)	0~ +60					
Max. pressure(Bar)	7								Max.acting frequency	+0.01					
Maximum Working pressure(Bar)	1.5								Lubrication	Not Required					
	3								Magnet	always have					
	2								Thread Size	M3X0.5					
	1									M3X0.8					

EJ Series Rubber Cylinder
How to Order?

EJ -- 100 -- 53 -- 83 -- 30 -- 1

Rubber cylinder Orifice Min Safty length Fully stroke Levels
100-300mm 53-120 83-250 30-250 1-3

Order example:
* EJ Series rubber cylinder, 100mm orifice, 53mm min compression, 83mm safty length, 30mm fully stroke, level 1. The model number is : EJ-100-53-83-30-1

Specifications

Orifice(mm)	100	106	120	150	148	180	185	170	240	230	250	280	300
Working medium	air, water												
Safty length	137/190	151	179/223	190	229	183	220	290	206	250	250	250	260
Fully stroke	72/123	71	104/136	110	139	103	135	200	121	165	170	170	170
Min compression	65/67	80	75/87	80	90	80	85	90	85	85	80	80	90
Max pressure	1.6MPa												
Fatigue cycle	≥ 10 ⁶ Times												
Working temperature	≤ 0.7MPa												
Weight(kg)	1.55/1.85	1.7	2.15/2.5	2.55	3.65	3.5	3.9	4.1	6.4	5.8	7.45	8.95	10

Level 2

Orifice(mm)	100	106	120	125	180	170	240	230	280	300
Working medium	air, water									
Safty length	83	100	149	145	136/172	155	150	145	160	175
Fully stroke	30	45	84	90	76/107	100	90	80	95	110
Min compression	53	55	55	55	60/65	55	60	65	65	65
Max pressure	1.6MPa									
Fatigue cycle	≥ 10 ⁶ Times									
Working temperature	≤ 0.7MPa									
Weight(kg)	1.35	1.4	1.9	2.5	2.8/2.85	3.1	4.5	4.85	7.25	7.4

Level 1

Orifice(mm)	100	106	120	125	180	170	240	230	280	300
Working medium	air, water									
Safty length	83	100	149	145	136/172	155	150	145	160	175
Fully stroke	30	45	84	90	76/107	100	90	80	95	110
Min compression	53	55	55	55	60/65	55	60	65	65	65
Max pressure	1.6MPa									
Fatigue cycle	≥ 10 ⁶ Times									
Working temperature	≤ 0.7MPa									
Weight(kg)	1.35	1.4	1.9	2.5	2.8/2.85	3.1	4.5	4.85	7.25	7.4

EH Series Rubber Cylinder
How to Order?

EH -- 104 -- 46 -- 85 -- 39 -- 1

Rubber cylinder Orifice Min Safty length Fully stroke Levels
80-580mm 46-122mm 85-431mm 39-341mm 1-3

Order example:
* EH Series rubber cylinder, 104mm orifice, 46mm min compression, 85mm safty length, 39mm fully stroke, level 1. The model number is : EH-104-46-85-39-1

Specifications

Orifice(mm)	80	100	120	150	180	185	192	200	205	240	230	250	280	300	320	330	400	440	500	530	580
Working medium	air, water																				
Safty length	162	190	151	162/246	174	206	238	246	303	195	245/295	246/295	246	255/295	249	295	249	249	246	300	302
Fully stroke	90	108	79	84/158	98	122	158	158	213	110	157/205	158/205	158	165/205	159	205	159	158	210	212	
Min compression	72	82	72	78/88	76	84	80	88	90	85	88/90	88/90	88	90/90	90	90	90	88	90	90	
Max pressure	1.6MPa																				
Fatigue cycle	≥ 10 ⁶ Times																				
Working temperature	≤ 0.7MPa																				
Weight(kg)	4.4	2.35	2.2	3.05/4.05	3.25	3.95	4.2	5.57	6.55	5.35	7.7/2.4	7.75/8.2	7.9	8.5/10.4	11.1	10.2	13.8	14.5	13.3	19.9	18.6

Level 1

Orifice(mm)	104	120	125	170	195	230
Working medium	air, water					
Safty length	85	117	140	155	144	142
Fully stroke	39	65	98	100	84	82
Min compression	46	52	42	55	60	60
Max pressure	1.6MPa					
Fatigue cycle	≥ 10 ⁶ Times					
Working temperature	≤ 0.7MPa					
Weight(kg)	1.4	2.25	2.9	4.2	3.75	3.9

Level 3

Orifice(mm)	150	185	200	230	250	280	300	320	330	400	500	530	580
Working medium	air, water												
Safty length	240	299	264	354	354	360	365	360	430	360	354	436	436
Fully stroke	130	183	148	234	234	238	243	238	308	238	238	316	316
Min compression	116	116	116	120	120	122	122	122	122	122	118	122	122
Max pressure	1.6MPa												
Fatigue cycle	≥ 10 ⁶ Times												
Working temperature	≤ 0.7MPa												
Weight(kg)	3.75	5.5	5.55	7.3	8.69	8.25	10.95	11.8	13.8	16.5/21.1	19.16	24.1	27.6

EZF Series Rubber Cylinder
How to Order?

EZF -- 90 -- 60 -- 120 -- 65 -- 2

Rubber cylinder Orifice Min Safty length Fully stroke Levels
90-580mm 60-150mm 91-330mm 36-185mm 2-4

Order example:
* EZF Series rubber cylinder, 90mm orifice, 60mm min compression, 120mm safty length, 65mm fully stroke, level 2. The model number is : EZF-90-60-120-65-2

Specifications

Orifice(mm)	90	150	230	350	450	480	560
Working medium	air, water						
Safty length	91	210	210	215	215	215	240
Fully stroke	36	130	130	115	105	105	120
Min compression	55	80	90	100	110	110	120
Max pressure	1.6MPa						
Fatigue cycle	≥ 10 ⁶ Times						
Working temperature	≤ 0.7MPa						
Weight(kg)	1	2.1	3.2	7.4	6	6.32	16.95

Level 3

Orifice(mm)	370	560
Working medium	air, water	
Safty length	300	330
Fully stroke	150	185
Min compression	150	145
Max pressure	1.6MPa	
Fatigue cycle	≥ 10 ⁶ Times	
Working temperature	≤ 0.7MPa	
Weight(kg)	9.95	19.9

Level 2

Orifice(mm)	90	110	150	230	450
Working medium	air, water				
Safty length	125	125	125	125	130
Fully stroke	65	65	55	65	50
Min compression	60	60	70	70	80
Max pressure	1.6MPa				
Fatigue cycle	≥ 10 ⁶ Times				
Working temperature	≤ 0.7MPa				
Weight(kg)	0.5	0.68	1	1.75	6

Level 4

Orifice(mm)	370	560
Working medium	air, water	
Safty length	300	330
Fully stroke	150	185
Min compression	150	145
Max pressure	1.6MPa	
Fatigue cycle	≥ 10 ⁶ Times	
Working temperature	≤ 0.7MPa	
Weight(kg)	9.95	19.9

How to Order?

EK -- 108 -- 55 -- 150 -- 35 -- 1

Rubber cylinder Orifice Min Safty length Fully stroke Levels
108-136mm 55-112mm 90-192mm 35-112mm 1-2

Order example:
* EK Series rubber cylinder, 108mm orifice, 55mm min compression, 150mm safty length, 35mm fully stroke, level 1. The model number is : EK-108-55-150-35-1

Specifications

Orifice(mm)	108	110	123	136
Working medium	air, water			
Safty length	150	90	150	130
Fully stroke	35	95	95	75
Min compression	55	55	55	55
Max pressure	1.6MPa			
Fatigue cycle	≥ 10 ⁶ Times			
Working temperature	≤ 0.7MPa			
Weight(kg)	1.54	0.95	1.5	2.1

Level 1
Level 2

Orifice(mm)	108	136	110	123
Working medium	air, water			
Safty length	160/190	192	125	190
Fully stroke	80/110	112	45	110
Min compression	80			
Max pressure	1.6MPa			
Fatigue cycle	≥ 10 ⁶ Times			
Working temperature	≤ 0.7MPa			
Weight(kg)	1.65/1.7	2.35	1.15	1.8

EZB-AA/AAL Series Guide Rail

How to Order?

EZB -- **35** -- **A** -- **A** -- **L** -- **T** -- **MM** -- **2** -- **2** x **7000** -- **(2)** -- **4**
 Guide rail Guide rail Slider Slider Special Seal type Slider Guide rail Precision
 dimension width fix length requirement Number rail length level
 25-125mm A:Thread type B:Lock type Blank:No special MM,MN, MX,MY, MZ seals for choose Guide rail Number Number of stages for Guide rail
 A:Narrow type B:Wide type T: Special requirement
 Blank:Standard type L:Lengthen type

New



Specifications

Model	Rated dynamic load C (KN)	Rated static load C ₀ (KN)	Rated torque M _x (N.m) M _y (N.m) M _z (N.m)			Slider weight kg	Guide rail weight kg/m
EZB25AA	26.5	50.8	570	570	710	0.6	3.2
EZB25AAL	33.8	71.6	830	830	980	0.8	
EZB35AA	50.5	121	1548	1548	2343	1.8	5.9
EZB35AAL	61	162	2708	2708	3283	2.0	
EZB45AA	84.5	191	3156	3156	4858	2.5	9.8
EZB45AAL	99.6	236	5560	5560	6736	3.5	
EZB55AA	123	292	5267	5267	8243	4.3	13.3
EZB55AAL	154	390	9713	9713	11927	5.9	
EZB65AA	192	451	10823	10823	17762	8.6	20.3
EZB65AAL	248	613	20808	20808	22957	12.3	
EZB85AAL	460	1050	45600	45600	51420	21.6	35.2
EZB1005AAL	547	1330	61200	61200	73140	31.5	46.8
EZB125AAL	1040	1924	123176	123176	114438	65.5	84.6

EGB-AB/ABL Series Guide Rail

How to Order?

EGB -- **25** -- **A** -- **A** -- **L** -- **T** -- **MM** -- **2** -- **2** x **7000** -- **(2)** -- **4**
 Guide rail Guide rail Slider Slider Special Seal type Slider Guide rail Precision
 dimension width fix length requirement Number rail length level
 16-85mm A:Thread type B:Lock type Blank:No special MM,MN, MX,MY, MZ seals for choose Guide rail Number Number of stages for Guide rail
 A:Narrow type B:Wide type T: Special requirement
 Blank:Standard type L:Lengthen type

New



Model	Rated dynamic load C (KN)	Rated static load C ₀ (KN)	Rated torque M _x (N.m) M _y (N.m) M _z (N.m)			Slider weight kg	Guide rail weight kg/m
E16AB	8.51	13.38	70	70	100	0.17	1.62
E20AB	13.70	19.27	160	160	230	0.33	2.3
E20ABL	18.43	26.50	260	260	310	0.45	
E25 I AB	20.19	29.98	260	260	390	0.55	
E25 I ABL	27.17	40.68	450	450	500	0.75	3.3
E25 II AB	20.19	29.98	260	260	390	0.5	
E25 II ABL	27.17	40.68	450	450	500	0.7	
E30AB	28.08	46.33	430	430	650	1	4.7
E30ABL	37.77	61.77	720	720	870	1.3	
E35AB	34.97	58.53	610	610	1030	1.45	6.5
E35ABL	46.43	76.54	1030	1030	1380	1.9	
E45 I AB	60.14	94.57	1290	1290	2100	2.6	
E45 I ABL	80.83	126.09	2080	2080	2790	3.4	11.2
E45 II AB	60.14	94.57	1290	1290	2100	2.4	
E45 II ABL	80.83	126.09	2080	2080	2790	3.1	
E55AB	92.62	137.57	2180	2180	3640	4.3	15
E55ABL	26.51	187.60	3650	3650	4860	5.8	
E65AB	154.13	221.89	4170	4170	6800	7.3	22.2
E65ABL	220.24	322.75	7300	7300	9100	10.7	
E85AB	247.88	346.70	10400	10400	12900	16.5	35.5
E85ABL	351.45	441.26	12800	12800	17200	22.2	

EZB-AA/AAL Series Guide Rail

How to Order?

EGB -- **25** -- **A** -- **A** -- **L** -- **T** -- **MM** -- **2** -- **2** x **7000** -- **(2)** -- **4**
 Guide rail Guide rail Slider Slider Special Seal type Slider Guide rail Precision
 dimension width fix length requirement Number rail length level
 16-85mm A:Thread type B:Lock type Blank:No special MM,MN, MX,MY, MZ seals for choose Guide rail Number Number of stages for Guide rail
 A:Narrow type B:Wide type T: Special requirement
 Blank:Standard type L:Lengthen type

New



Model	Rated dynamic load C (KN)	Rated static load C ₀ (KN)	Rated torque M _x (N.m) M _y (N.m) M _z (N.m)			Slider weight kg	Guide rail weight kg/m
E16AA	8.51	13.38	70	70	100	0.17	1.62
E20AA	13.70	19.27	160	160	230	0.33	2.3
E20AAL	18.43	26.50	260	260	310	0.45	
E25 I AA	20.19	29.98	260	260	390	0.55	
E25 I AAL	27.17	40.68	450	450	500	0.75	3.3
E25 II AA	20.19	29.98	260	260	390	0.5	
E25 II AAL	27.17	40.68	450	450	500	0.7	
E30AA	28.08	46.33	430	430	650	1	4.7
E30AAL	37.77	61.77	720	720	870	1.3	
E35AA	34.97	58.53	610	610	1030	1.45	6.5
E35AAL	46.43	76.54	1030	1030	1380	1.9	
E45 I AA	60.14	94.57	1290	1290	2100	2.6	
E45 I AAL	80.83	126.09	2080	2080	2790	3.4	11.2
E45 II AA	60.14	94.57	1290	1290	2100	2.4	
E45 II AAL	80.83	126.09	2080	2080	2790	3.1	
E55AA	92.62	137.57	2180	2180	3640	4.3	15
E55AAL	126.51	187.60	3650	3650	4860	5.8	
E65AA	154.13	221.89	4170	4170	6800	7.3	22.2
E65AAL	220.24	322.75	7300	7300	9100	10.7	
E85AA	247.88	346.70	10400	10400	12900	16.5	35.5
E85AAL	351.45	441.26	12800	12800	17200	22.2	

Guide

EZB-BA/BAL Series Guide Rail

How to Order?

EZB -- **35** -- **A** -- **A** -- **L** -- **T** -- **MM** -- **2** -- **2** x **7000** -- **(2)** -- **4**
 Guide rail Guide rail Slider Slider Special Seal type Slider Guide rail Precision
 dimension width fix length requirement Number rail length level
 25-125mm A:Thread type B:Lock type Blank:No special MM,MN, MX,MY, MZ seals for choose Guide rail Number Number of stages for Guide rail
 A:Narrow type B:Wide type T: Special requirement
 Blank:Standard type L:Lengthen type

New



Specifications

Model	Rated dynamic load C (KN)	Rated static load C ₀ (KN)	Rated torque M _x (N.m) M _y (N.m) M _z (N.m)			Slider weight kg	Guide rail weight kg/m
E25BA	26.5	50.8	570	570	710	0.5	3.2
E25BAL	33.8	71.6	830	830	980	0.7	
E35BA	50.5	121	1548	1548	2343	1.4	5.9
E35BAL	61	162	2708	2708	3283	1.7	
E45BA	84.5	191	3156	3156	4858	2.48	9.8
E45BAL	99.6	236	5560	5560	6736	3.8	
E55BA	123	292	5267	5267	8243	5.1	13.3
E55BAL	154	390	9713	9713	11927	8.6	
E65BA	192	451	10823	10823	17762	6.3	20.3
E65BAL	248	613	20808	20808	22957	8.9	
E85BAL	460	1050	45600	45600	51420	14.7	35.2
E1005BAL	547	1330	61200	61200	73140	24.5	46.8
E125BAL	1040	1924	123176	123176	114438	46	84.6

Special Cylinder

E·MC enjoys very high reputation with strong R&D capability in China Pneumatic Industry Line.

We're glad to design all kinds of special cylinder according to customers' requirement.



RLD 63x125-Y



EFC 80x120



ECA 80x125



EG 25-80



EHA 32x250



RTB 80x100

Double Force

Cylinder Mounting Accessories



Model:

VLB-32 VLB-40
VLB-50 VLB-63
VLB-80 VLB-100
VLB-125 VLB-160
VLB-200



Model:

VFA/VFB-32 VFA/VFB-40
VFA/VFB-50 VFA/VFB-63
VFA/VFB-80 VFA/VFB-100
VFA/VFB-125 VFA/VFB-160
VFA/VFB-200



Model:

VCA-32 VCA-40
VCA-50 VCA-63
VCA-80 VCA-100
VCA-125 VCA-160
VCA-200



Model:

VCB-32 VCB-40
VCB-50 VCB-63
VCB-80 VCB-100
VCB-125 VCB-160
VCB-200



Model:

TTC-32 TTC-40
TTC-50 TTC-63
TTC-80 TTC-100



Model:

TTC-M-32 TTC-M-40
TTC-M-50 TTC-M-63
TTC-M-80 TTC-M-100



Model:

VCR-32 VCR-40
VCR-50 VCR-63
VCR-80 VCR-100
VCR-125 VCR-160
VCR-200



Model:

ILB-16 ILB-20
ILB-25



Model:

ISDB-16 ISDB-20
ISDB-25



Model:

IFA-16 IFA-20
IFA-25

Rod end Fitting



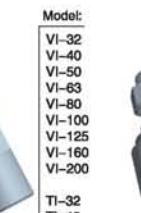
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VY-32 VY-40
VY-50 VY-63
VY-80 VY-100
VY-125 VY-160
VY-200



Model:

VYC-32 VYC-40
VYC-50 VYC-63
VYC-80 VYC-100



Model:

VI-32 VI-40
VI-50 VI-63
VI-80 VI-100
VI-125 VI-160
VI-200



Model:

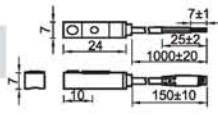
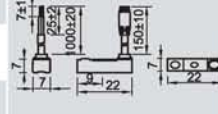
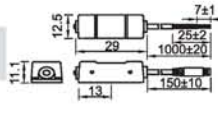
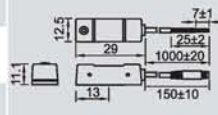
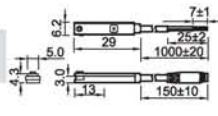
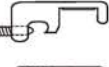
VF-32 VF-40
VF-50 VF-63
VF-80 VF-100
VF-125 VF-160
VF-200



Model:

VB-32 VB-40
VB-50 VB-63
VB-80 VB-100
VB-125 VB-160
VB-200

TB-32 TB-40
TB-50 TB-63
TB-80 TB-100

Photo	Model	Type	Dimensions	Voltage	Cylinder Type
	HX-03R	Reed Switch		5-240V DC/AC	
	HX-03N	NPN		5-30V DC	For: IAS/IAL/RAS/RAL D6-D63 Cylinder
	HX-03P	PNP			
	HX-15R	Reed Switch		5-240V DC/AC	
	HX-15N	NPN		5-30V DC	For: IAS/IAL/RAS/RAL D6-D63 Cylinder
	HX-15P	PNP			
	HX-20R	Reed Switch		5-240V DC/AC	
	HX-20N	NPN		5-30V DC	For: FXBC/VBC/LBC/TBC/XBC Cylinder
	HX-20P	PNP			
	HX-21R	Reed Switch		5-240V DC/AC	
	HX-21N	NPN		5-30V DC	For: FXBC/VBC/LBC/TBC/XBC Cylinder
	HX-21P	PNP			
	HX-31R	Reed Switch		5-240V DC/AC	
	HX-31N	NPN		5-30V DC	For: FVBC Cylinder
	HX-31P	PNP			
	BK-81 BK-82	BK Series Metal Band			
	PBN-01 PBN-02	PBN Series Metal Band			
	PN	PN Series Metal Band			
	PAC	PAC Series Clamp			
	PM	PM Series Clamp			
	PI	PI Series Clamp			

* M8, M12 Connector available



AC Series Shock Absorber

How to Order?

AC	--	25	--	25	--	1	--	
AC	Multi Non-Adjustable type	Outside Diameter	Stroke	1: High Impact Speed	2: Medium Impact Speed	3: Low Impact Speed	Blank: With Cap	N: Without Cap

Order example:

* AC series, High Impact Speed, With Cap, Model: AC2525-1

* ACD series, High Impact Speed, With Cap, Model: ACD2525-1

Specifications

Model	Stroke (mm)	Max. Absorbing Energy Per Cycle (Nm)	Max. Absorb. Energy/ Hour (NM/hr)	Max Effective Mass (Kg)	Max. Impact Speed (m/s)	Working Temperature (°C)
AC-0806-1	6	2	7200	0.5	2.0	-10~+85
AC-0806-2	6	2	7200	2.0	1.0	-10~+85
AC-0806-3	6	2	7200	6.0	0.5	-10~+85
AC-1005-1	5	3	10800	1	3.0	-10~+85
AC-1005-2	5	3	10800	3	1.5	-10~+85
AC-1005-3	5	3	10800	7	0.8	-10~+85
AC-1008-1	8	4	14400	2	3.0	-10~+85
AC-1008-2	8	4	14400	4	1.5	-10~+85
AC-1008-3	8	4	14400	9	0.8	-10~+85
AC-1210-1	10	5	18000	5	3.0	-10~+85
AC-1210-2	10	5	18000	10	1.5	-10~+85
AC-1210-3	10	5	18000	30	0.8	-10~+85
AC-1412-1	12	15	36000	8	3.0	-10~+85
AC-1412-2	12	15	36000	50	1.5	-10~+85
AC-1412-3	12	15	36000	100	0.8	-10~+85
AC-1416-1	16	20	40000	10	3.0	-10~+85
AC-1416-2	16	20	40000	70	1.5	-10~+85
AC-1416-3	16	20	40000	150	0.8	-10~+85
AC-1420-1	20	25	48000	12	3.0	-10~+85
AC-1420-2	20	25	48000	80	1.5	-10~+85
AC-1420-3	20	25	48000	160	0.8	-10~+85
AC-2020-1	20	40	48000	30	3.5	-10~+85
AC-2020-2	20	40	48000	200	2.0	-10~+85
AC-2020-3	20	40	48000	700	1.0	-10~+85
AC-2030-1	30	50	54000	30	3.5	-10~+85
AC-2030-2	30	50	54000	200	2.0	-10~+85
AC-2030-3	30	50	54000	700	1.0	-10~+85
AC-2050-1	50	60	66000	60	3.5	-10~+85
AC-2050-2	50	60	66000	400	2.0	-10~+85
AC-2050-3	50	60	66000	1200	1.0	-10~+85
ACD-2030-1	30	45	54000	40	3.5	-10~+85
ACD-2030-2	30	45	54000	300	2.0	-10~+85
ACD-2030-3	30	45	54000	900	1.0	-10~+85
ACD-2035-1	35	52	62000	40	3.5	-10~+85
ACD-2035-2	35	52	62000	200	2.0	-10~+85
ACD-2035-3	35	52	62000	650	1.0	-10~+85
AC-2525-1	25	80	60000	200	4.0	-10~+85
AC-2525-2	25	80	60000	800	2.5	-10~+85
AC-2525-3	25	80	60000	1500	1.0	-10~+85
AC-2540-1	40	120	84000	300	4.0	-10~+85
AC-2540-2	40	120	84000	1200	2.5	-10~+85
AC-2540-3	40	120	84000	2000	1.0	-10~+85
AC-2550-1	50	98	98000	15	4.0	-10~+85
AC-2550-2	50	98	98000	40	2.5	-10~+85
AC-2550-3	50	98	98000	160	1.0	-10~+85
AC-2580-1	80	150	127500	20	4.0	-10~+85
AC-2580-2	80	150	127500	50	2.5	-10~+85
AC-2580-3	80	150	127500	200	1.0	-10~+85
AC-3660-1	60	250	125000	400	4.0	-10~+85
AC-3660-2	60	250	125000	1500	2.5	-10~+85
AC-3660-3	60	250	125000	2400	1.0	-10~+85

AD Series Shock Absorber

How to Order?

AD -- 25 -- 25 -- 1 --

AD: Adjustable Model
Outside Diameter
Stroke
1: High Impact Speed
2: Medium Impact Speed
3: Low Impact Speed
Blank: With Cap
N: Without Cap

Order example:

* AD series, High Impact Speed, With Cap, Model: AD2525-1
* AD series, High Impact Speed, Without Cap, Model: AD2525-1N

Specifications

Model	Stroke (mm)	Max. Absorbing Energy Per Cycle (Nm)	Max. Absorb. Energy/ Hour (NM/hr)	Max. Effective Mass (Kg)	Max. Impact Speed (m/s)	Working Temperature (°C)
AD-1410-N/1410	10	20	24000	80	3.2	-10~+85
AD-1415-N/1415	15	22	26400	120	3.2	-10~+85
AD-2016N/2016	16	25	32000	200	3.6	-10~+85
AD-2050-N/2050	25	38	39000	312	3.6	-10~+85
AD-2525-N/2525	25	85	51000	400	3.6	-10~+85
AD-2530-N/2530	30	95	57000	480	3.6	-10~+85
AD-2540	40	100	84000	700	3.6	-10~+85
AD-2550	50	98	98000	720	4.2	-10~+85
AD-2580	80	150	275000	800	4.2	-10~+85
AD-3825	25	150	90000	1400	3.2	-10~+85
AD-3850	50	300	108000	1400	3.2	-10~+85
AD-4225	25	280	130000	3000	3.6	-10~+85
AD-4250	50	500	155000	4000	4.8	-10~+85
AD-4275	75	750	187500	6000	4.8	-10~+85
AD-64050	50	12000	1580000	12727	1.6	-10~+85
AD-64100	100	24000	1820000	18181	1.6	-10~+85
AD-64150	150	36000	2520000	23636	1.6	-10~+85

HR Series Speed Controls

How to Order?

HR -- 15

HR Series
Max. Stroke
15: 15mm
30: 30mm
60: 60mm
80: 80mm
100: 100mm

Order example:

* HR series, Max. Stroke: 15mm, Model: HR15

Specifications

Model	A	B	Maximum Stroke (mm)	Working Temperature (°C)	Maximum Load (Kg)
HR15	151	136	15	-10~+85	550
HR30	203	172	30	-10~+85	550
HR60	280	219	60	-10~+85	550
HR80	336	256	80	-10~+85	550
HR100	380	290	100	-10~+85	550

