



Pneumatic Cylinder

31 Point positioning and precisely machined head caps and gaskets drive by imported 3-D CNC machines. 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 experience 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 widely. 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.





TBC/XBC Series Standard Cylinder & PHC Hydro Pneumatic Cylinder

TBC/XBC Series Standard Cylinder



TBC 63x100



XBC 50x50



TDC 63x125

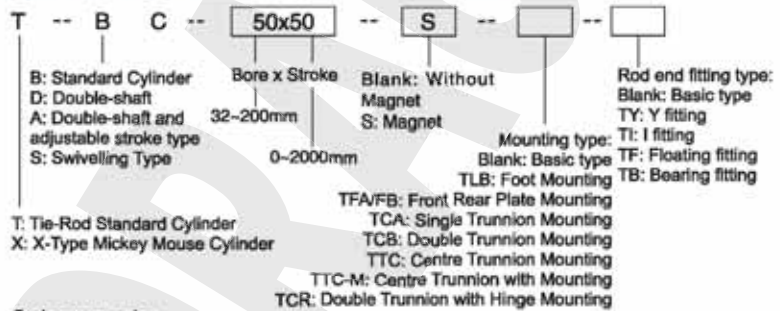


TAC 63x125-50



TBC 63x125-TC

How to Order?



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	Bore Size(mm)	32	40	50	63	80	100	125	160	200											
Acting type	Double Acting										Working temperature (°C)										-5 - 70									
Working medium	Clean Air (25 μ filtration)										Speed range (mm/s)										50-800									
Mounting type	TFA TFB TCA TCB TLB TTC TTC-M TCR										Cushion type										Adjustable Cushion									
Rod end fitting type	YY VI VF VB										Cushion stroke (mm)										24 32									
Range of working pressure (Bar)	1-9.0										Port Size										G1/8 G1/4 G3/8 G1/2 G3/4									
Guaranteed pressure (Bar)	13.5																													

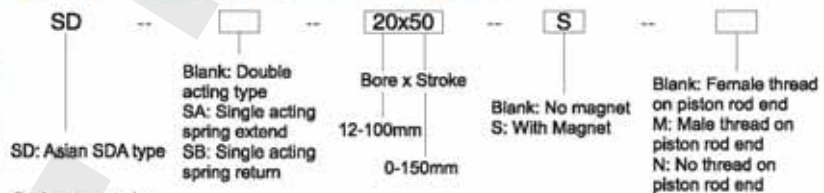
SD Series Compact Cylinder

How to Order?



SD 20x15-N

SD 50x10



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, Model: 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 extent Clean air (25 μ filtration)									
Working pressure (Bar)	Double acting Single acting									
Max. working pressure (Bar)	2-9									
Working temperature (°C)	1-9									
Speed range (mm/s)	13.5									
Cushion type	-5-70									
Port Size (mm)	30-500									
	100-500									
	Fixed cushion									
	M5x0.8									
	G 1/8									
	G 1/4									
	G 3/8									



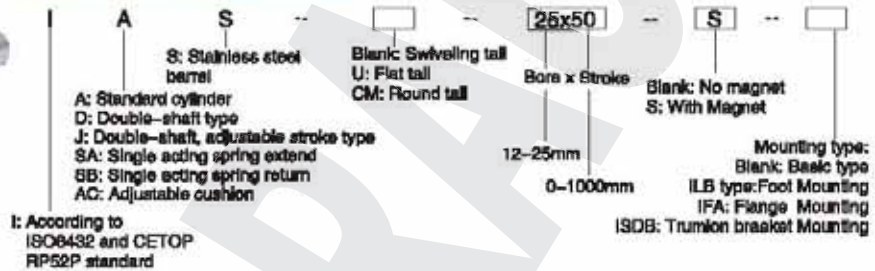
IAS Series Mini Cylinder & RAL/RAS Series Mini Cylinder

IAS Series Mini Cylinder

How to Order?



IAS 25x50-S



Order example:

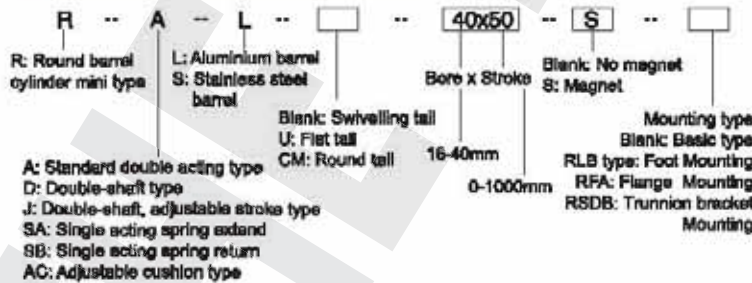
- * I Series Cylinder Stainless Steel Barrel, 12mm bore, 50mm stroke, Model: IAS 12X50
- * I Series Cylinder Stainless Steel Barrel, Adjustable cushion, 25mm bore, 70mm stroke, with magnet, Model: IACS 25X70-S

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)	1-9.0			
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?



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	Bore Size(mm)	16	20	25	32	40
Acting Type	Double Acting					Working temperature (°C)	-5-70				
Working Medium	Clean Air (25 μ filtration)					Speed range (mm/s)	50-800				
Mounting type	RLB RFA RSDB					Cushion type	Standard Type: Anti-bump cushion Cushion Type: Adjustable Cushion				
Range of working pressure (Bar)	1-9.0					Port Size	M5 x 0.8 G 1/8				
Guaranteed pressure (Bar)	13.5										

Cylinder Accessories

Cylinder Mounting Accessories



Model:

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



Model:

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



Model:

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



Model:

VCB-32 TCB-32
VCB-40 TCB-40
VCB-50 TCB-50
VCB-63 TCB-63
VCB-80 TCB-80
VCB-100 TCB-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



Model:

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



TY-32
TY-40
TY-50
TY-63
TY-80
TY-100

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



TI-32
TI-40
TI-50
TI-63
TI-80
TI-100

Model:

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



TF-32
TF-40
TF-50
TF-63
TF-80
TF-100

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

Magnetic Switch

Photo	Model	Type	Dimensions	Voltage	Cylinder Type
	HX-03R	Reed Switch		5-240V DC/AC	 For: IAS/IAL/RAS/RAL D6-D63 Cylinder
	HX-03N	NPN		5-30V DC	
	HX-03P	PNP		5-30V DC	
	HX-15R	Reed Switch		5-240V DC/AC	 For: IAS/IAL/RAS/RAL D6-D63 Cylinder
	HX-15N	NPN		5-30V DC	
	HX-15P	PNP		5-30V DC	
	HX-20R	Reed Switch		5-240V DC/AC	 For: FXBC/VBC/LBC/TBC/XBC Cylinder
	HX-20N	NPN		5-30V DC	
	HX-20P	PNP		5-30V DC	
	HX-21R	Reed Switch		5-240V DC/AC	 For: FXBC/VBC/LBC/TBC/XBC Cylinder
	HX-21N	NPN		5-30V DC	
	HX-21P	PNP		5-30V DC	
	HX-31R	Reed Switch		5-240V DC/AC	 For: FVBC Cylinder
	HX-31N	NPN		5-30V DC	
	HX-31P	PNP		5-30V DC	
	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