

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

According to ISO6431, VDMA24562, DIN24335 standard
FV: Square type barrel
FX: Mickey mouse barrel

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	Bore Size(mm)	32	40	50	63	80	100
Acting type	Double Acting						Guaranteed pressure (Bar)	13.5					
Working medium	Clean Air (25 μ filtration)						Working temperature (°C)	-5 ~ 70					
Mounting type	FVA	FFB	FCA	FCB	FLB		Speed range (mm/s)	50-800					
Rod end fitting type	FY	FI	FF	FB			Cushion type	Adjustable Cushion					
Range of working pressure (Bar)	1-9.0						Cushion stroke (mm)	24		32			
							Port Size	G 1/8	G 1/4	G 3/8	G 1/2		

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

T: Tie-Rod Standard Cylinder
X: X-Type Mickey Mouse Cylinder

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 TTB TTC TTC-M TCR									Cushion type	Adjustable Cushion									
Rod end fitting type	VY VI VF VB									Cushion stroke (mm)	24					32				
Range of working pressure (Bar)	1-9.0									Port Size	G 1/8	G 1/4	G 3/8	G 1/2	G 3/4					
Guaranteed pressure (Bar)	13.5																			

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	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	VFA VFB VCA VCB VCR VLB									Cushion type	Adjustable Cushion									
Rod end fitting type	VY VI VF VB									Cushion stroke (mm)	24		32							
Range of working pressure (Bar)	1-9.0									Port Size	G 1/8	G 1/4	G 3/8	G 1/2	G 3/4					
Guaranteed pressure (Bar)	13.5																			

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



Specifications

Bore Size(mm)	63	80	100	125	160	200	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)						Piston speed (mm/s)	50-200					
Guaranteed pressure (Bar)	12						Output power force (kg)	1900-30000					
Working pressure (Bar)	2-8						Return force (kg)	Be decided according to bore size, the rod diameter and working pressure					
Ambient and working temperature(°C)	0-70						Intermediate medium	oil (32#-15#)					