

ADNC Series ISO6431 Standard Cylinder



Ordering Code

	--	ADNC	--	63x50	--	25	--	S	--	LB
TUBE Type Blank:Square Type T:Tie-rod Type M:Mickey Mouse Type		Series Code ADNC:ISO6431 Standard Double Action Type ADNCD:ISO6431 Standard Two Axis Double Action Type ADNCJ:ISO6431 Two Axis Stroke Adjust Type	Cylinder Bore	Stroke	Adjustable Stroke 25:25mm 50:50mm 75:75mm		Magnet Code Blank:Without Magnet S:With Magnet		Fixed Type Blank:Normal type LB:Front and back fixed type FA:Front cover fixed type(Front flange type) FB:Back cover fixed type(Back flange type) CA:Back cover fixed type(Single Earring) CB:Back cover fixed type(Double Earring)	

Specifications

Bore(mm)	32	40	50	63	80	100	125
Motion Pattern	Double Action						
Working Medium	Filtered Air						
Compression Pressure(MPa)	1.5						
Max. Operating Pressure(MPa)	1.0						
Min. Operating Pressure(MPa)	0.1						
Buffer	Air Buffer(Standard)						
Condition Temperature(°C)	-5~70						
Operating Speed(mm/s)	50~800						
Port Size	G 1/8	G 1/4	G 3/8	G 1/2			

Stroke

Bore(mm)	Standard Stroke												Buffer Stroke	Stroke Range
32	25	40	50	80	100	125	160	200	250	320	400	500	20	10-2000
40	25	40	50	80	100	125	160	200	250	320	400	500	20	10-2000
50	25	40	50	80	100	125	160	200	250	320	400	500	22	10-2000
63	25	40	50	80	100	125	160	200	250	320	400	500	22	10-2000
80	25	40	50	80	100	125	160	200	250	320	400	500	32	10-2000
100	25	40	50	80	100	125	160	200	250	320	400	500	32	10-2000
125	25	40	50	80	100	125	160	200	250	320	400	500	35	10-2000

ASI Series ISO6431 Standard Cylinder



Ordering Code

ASI	--	50x50	--	25	--	S	--	LB	Fluid Supply
Series Code ASI:ISO6431 Standard Double Action Type ASID:ISO6431 Standard Two Axis Double Action Type ASIJ:ISO6431 Two Axis Stroke Adjust Type	Cylinder Bore	Stroke	Adjustable Stroke 25:25mm 50:50mm 75:75mm	Magnet Code Blank:Without Magnet S:With Magnet	Fixed Type Blank:Normal type LB:Front and back fixed type FA:Front cover fixed type(Front flange type) FB:Back cover fixed type(Back flange type) CA:Back cover fixed type(Single Earring) CB:Back cover fixed type(Double Earring) TC:Central Trunnion Type TC-M:Central Trunnion type attaching foot seat				

Specifications

Bore(mm)	32	40	50	63	80	100	125	160	200
Motion Pattern	Double Action								
Working medium	Air								
Fixed Type	Normal type FA type FB type CA type CB type LB type TC type								
Working Pressure Range(MPa)	0.1~0.9								
Ensured Pressure Resistance(MPa)	1.35								
Operating Temperature Range(°C)	-5~70								
Operating Speed Range(mm/s)	50~800								
Buffer Type	Adjustable Buffer								
Buffer Stroke	24 32								
Port Size	G 1/8	G 1/4	G 3/8	G 1/2	G 3/4				

Cylinder Theory Output

Cylinder Inside Diameter	Diameter of Piston Rod	Motion Pattern	Compression Area(cm²)	Air Pressure(kgf/cm²)								
				1	2	3	4	5	6	7	8	9
32	12	Double Action	Press Side	8.04	8.04	16.08	24.12	32.16	40.20	48.24	56.28	64.32
			Pull Side	6.90	13.80	20.07	27.60	34.50	41.40	48.30	55.20	62.10
40	16	Double Action	Press Side	12.56	12.56	25.12	37.68	50.24	62.80	75.36	87.92	100.24
			Pull Side	10.55	10.55	21.10	31.65	42.20	52.75	63.30	73.85	84.40
50	20	Double Action	Press Side	19.63	19.63	39.26	58.89	78.52	98.15	117.78	137.41	157.04
			Pull Side	16.49	16.49	32.98	49.47	65.96	82.45	98.94	115.43	131.92
63	20	Double Action	Press Side	31.17	31.17	62.34	93.51	124.68	155.85	187.02	218.19	249.36
			Pull Side	28.03	28.03	56.06	84.09	112.12	140.15	168.18	196.21	224.24
80	25	Double Action	Press Side	50.26	50.26	100.52	150.78	201.04	251.30	301.56	351.82	402.08
			Pull Side	45.36	45.36	90.72	136.08	181.44	226.80	272.16	317.52	362.88
100	25	Double Action	Press Side	78.53	78.53	157.06	235.59	314.12	392.65	471.18	549.71	628.24
			Pull Side	71.47	71.47	142.94	214.41	285.88	357.35	428.82	500.29	571.76
125	32	Double Action	Press Side	122.72	122.72	245.44	368.16	490.88	613.60	736.32	859.04	981.76
			Pull Side	114.68	114.68	229.36	344.04	458.72	573.40	688.08	802.76	917.44
160	40	Double Action	Press Side	201.06	201.06	402.12	603.18	804.24	1005.30	1206.36	1407.42	1608.48
			Pull Side	188.49	188.49	376.98	565.47	753.96	942.45	1130.94	1319.43	1507.92
200	40	Double Action	Press Side	314.16	314.16	628.32	942.48	1256.64	1570.80	1884.96	2199.12	2513.28
			Pull Side	301.57	301.57	603.14	904.71	1206.28	1507.80	1809.42	2100.99	2402.56

Stroke

Bore(mm)	Standard Stroke																		Max. Stroke	Permissible Stroke
32	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500	600	700	800	1000	2000
40	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500	600	700	800	1000	2000
50	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500	600	700	800	900	1000
63	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500	600	700	800	900	1000
80	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500	600	700	800	900	1000
100	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500	600	700	800	900	1000
125	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500	600	700	800	900	1000
160	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500	600	700	800	900	1000
200	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500	600	700	800	900	1000

If you need special stroke, please tell us, we can make according to your requirement.

ASC/ASU Series Standard Cylinder



Ordering Code

ASC	--	50x50	--	25	--	S	--	LB
Type		Cylinder Bore	Stroke	Adjustable Stroke		Magnet Code		Fixed Type
ASC: Standard Double Action (Tie-rod Type)				25:25mm		Blank: Without Magnet		Blank: Normal type
ASCD: Double-shaft double action (Tie-rod Type)				50:50mm		S: With Magnet		LB: Front and back fixed type
ASCJ: Double axis double acting adjustable type (Tie-rod Type)				75:75mm				FA: Front cover fixed type (Front flange type)
ASU: Standard Double Action (Micky Mouse Type)								FB: Back cover fixed type (Back flange type)
								CA: Back cover fixed type (Single Earring)
								CB: Back cover fixed type (Double Earring)
								TC: Central Trunnion Type
								TC-M: Central Trunnion type attaching foot seat

Specifications

Bore(mm)	32	40	50	63	80	100	125	160	200
Motion Pattern	Double Action								
Working Medium	Air								
Fixed Type	Basic type FA type FB type CA type CB type LB type TC type TC-M type								
Operating Voltage Range(kgf/cm ²)	0.1~0.9								
Ensured Pressure Resistance(MPa)	1.35								
Operating Temperature Range(°C)	-5~70								
Operating Speed Range(mm/s)	300~800								
Buffer Type	Adjustable Buffer								
Buffer Stroke	24								
Port Size	G 1/8	G 1/4			G 3/8				

■ ASCD, ASCJ Fixed Type: FA, FB, LB, TC & TC-M Type

Cylinder Theory Output

Cylinder inside Diameter	Diameter of Piston Rod	Motion Pattern	Compression Area(CM ²)	Air Pressure(kgf/CM ²)								
				1	2	3	4	5	6	7	8	9
32	12	Double Action	Press Side	8.04	8.04	16.08	24.12	32.16	40.20	48.24	56.28	64.32
			Pull Side	6.90	6.90	13.80	20.07	27.60	34.50	41.40	48.30	55.20
40	16	Double Action	Press Side	12.56	12.56	25.12	37.68	50.24	62.80	75.36	87.92	100.24
			Pull Side	10.55	10.55	21.10	31.65	42.20	52.75	63.30	73.85	84.40
50	20	Double Action	Press Side	19.63	19.63	39.26	58.89	78.52	98.15	117.78	137.41	157.04
			Pull Side	16.49	16.49	32.98	49.47	65.96	82.45	98.94	115.43	131.92
63	20	Double Action	Press Side	31.17	31.17	62.34	93.51	124.68	155.85	187.02	218.19	249.36
			Pull Side	28.03	28.03	56.06	84.09	112.12	140.15	168.18	196.21	224.24
80	25	Double Action	Press Side	50.26	50.26	100.52	150.78	201.04	251.30	301.56	351.82	402.08
			Pull Side	45.36	45.36	90.72	136.08	181.44	226.80	272.16	317.52	362.88
100	25	Double Action	Press Side	78.53	78.53	157.06	235.59	314.12	392.65	471.18	549.71	628.24
			Pull Side	71.47	71.47	142.94	214.41	285.88	357.35	428.82	500.29	571.76
125	32	Double Action	Press Side	122.72	122.72	245.44	368.16	490.88	613.60	736.32	859.04	981.76
			Pull Side	114.68	114.68	229.36	344.04	458.72	573.40	688.08	802.76	917.44
160	40	Double Action	Press Side	201.06	201.06	402.12	603.18	804.24	1005.30	1206.36	1407.42	1608.48
			Pull Side	188.49	188.49	376.98	565.47	753.96	942.45	1130.94	1319.43	1507.92
200	40	Double Action	Press Side	314.16	314.16	628.32	942.48	1256.64	1570.80	1884.96	2199.12	2513.28
			Pull Side	301.57	301.57	603.14	904.71	1206.28	1507.80	1809.42	2100.99	2402.56

Stroke

Bore(mm)	Standard Stroke																Max.Stroke	Permissible Stroke
32	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500		1000	2000
40	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500	600	700	800
50	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500	600	700	800
63	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500	600	700	800
80	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500	600	700	800
100	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500	600	700	800
125	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500	600	700	800
160	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500	600	700	800
200	25	50	75	80	100	125	160	175	200	250	300	350	400	450	500	600	700	800

AMA 6432 Series Stainless Steel Mini Cylinder



Ordering Code

AMA 6432	--	U	--	20x50	--	25	--	S	--	LB
Type		Back Cover Type		Cylinder Bore	Stroke	Adjustable Stroke Type		Magnet Code		Fixed Type
AMA: Double Action Type		Blank: Fishtail Type				0~100mm		Blank: Without Magnet		Blank: Normal type
AMSA: Single Action Type		CM: Rounded Type						S: With Magnet		LB: Front and Back fixed type
AMAD: Double-shaft Double Action Type		U: Horizontal Type								FA: Front cover fixed type
AMAJ: Double-shaft and adjustable stroke type										SDB: Back cover swinging type
										U: Back cover fixed type

Specifications

Bore(mm)	8	10	12	16	20	25
Working Medium	Air					
Motion Pattern	Double Action or single Action					
Ensured Pressure Resistance	15.3kgf/cm ² (1.5Mpa)					
Max.Pressure	10.2kgf/cm ² (1.0Mpa)					
Min.Pressure	0.5kgf/cm ² (0.05Mpa) 1kgf/cm ² (0.1Mpa)					
Environment and Fluid Temp.	-10~+80°C (Internal Magnetic Install by Tach strap: Type Max:60°C)					
Buffering	Rubber Buffer(Standard), Air Buffer(Optional)					
Piston Velocity(mm/s)	50~750mm/s					
Kinetic energy Tolerance(kgf/cm)	0.2	0.3	0.4	0.9	2.7	4
Port Size	M5 x 0.8 G 1/8					

Stroke

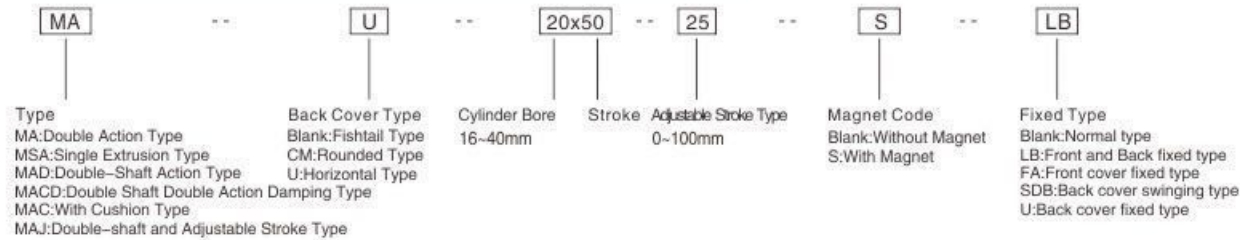
Bore(mm)	Standard Stroke																Max.Stroke(mm)
8	10	25	40	50	80	100	125	160	200								400
10	10	25	40	50	80	100	125	160	200								400
12	10	25	40	50	80	100	125	160	200								400
16	10	25	40	50	80	100	125	160	200								400
20	25	40	50	80	100	125	160	175	200	250	300						1000
25	25	40	50	80	100	125	160	175	200	250	300						1000

MA/MAL Series Cylinder

MA Series Stainless Steel Mini Cylinder



Ordering Code



Specifications

Bore(mm)		16	20	25	32	40
Motion Pattern		Double Action or Single Action				
Working Medium		Air				
Fixed Type		Normal Type LB Type FA Type SDB Type U Type				
Working Pressure (Mpa)		0.1~0.9				
Ensured Pressure Resistance(MPa)		1.35				
Operating Temperature Range(°C)		-5~70				
Operating Speed Range(mm/s)		50~800				
Buffer Type	Standard Type	Anti-crash cushion				
	Damping Type	Adjustable cushion				
Port Size		M5 x 0.8	G 1/8			

Stroke

Bore(mm)	Standard Stroke	Max.Stroke	Permissible Stroke
16	25 50 75 80 100 125 160 175 200	300	500
20	25 50 75 80 100 125 160 175 200 250 300	500	650
25	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500	500	650
32	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500	500	650
40	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500	500	650

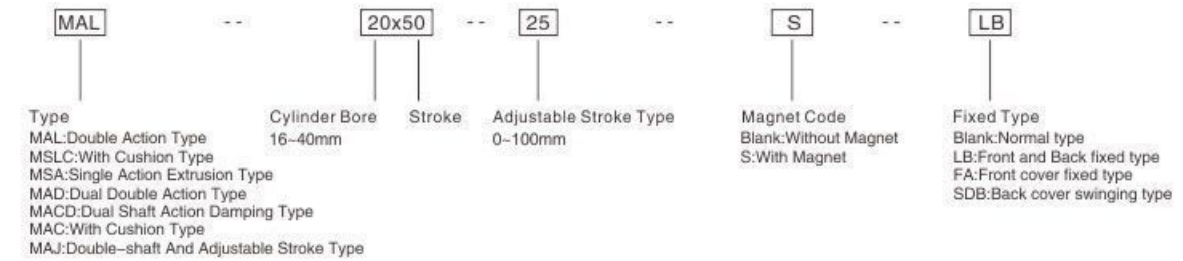
MAL Series Aluminum Alloy Mini Cylinder



MAL/SDA Series Cylinder



Ordering Code



Specifications

Bore(mm)	16	20	25	32	40
Motion Pattern	Double Action or Single Action				
Working Medium	Air				
Fixed Type	Normal Type LB Type FA Type SDB Type				
Working Pressure (Mpa)	0.1~0.9				
Ensured Pressure Resistance(MPa)	1.35				
Operating Temperature Range(°C)	-5~70				
Operating Speed Range(mm/s)	30~800				
Buffer Type	Standard Type	Anti-crash cushion			
	Damping Type	Adjustable cushion			
Port Size	M5 × 0.8	G 1/8			G 1/4

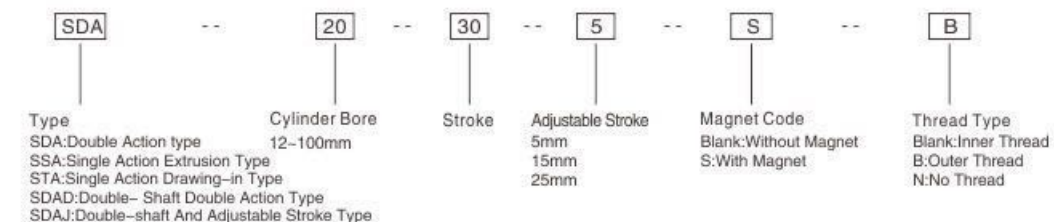
Stroke

Bore(mm)	Standard Stroke	Max.Stroke	Permissible Stroke
16	25 50 75 80 100 125 160 175 200	300	500
20	25 50 75 80 100 125 160 175 200 250 300	500	650
25	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500	500	650
32	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500	500	650
40	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500	500	650

SDA Series Thin Type(Compact) Cylinder



Ordering Code





Bore(mm)		12	16	20	25	32	40	50	63	80	100
Motion Pattern		Double Action									
		Single Action Extrusion Type, Single Action Drawing-in Type							-		
Working Medium		Basic Type FA Type FB Type CA Type CB Type LB Type TC Type TC-M Type									
Working Pressure (Mpa)	Double Action	0.1~0.9									
	Singel Action	0.2~0.9							-		
Ensured Pressure Resistance(MPa)		1.35									
Operating Temperature Range(°C)		-5~70									
Operating Speed Range(mm/s)	Double Action	30~500							30~350		30~250
	Singel Action	100~500							-		
Buffer Type		PT1/8"	Fixed Type Buffer								
Port Size		M5 x 0.8				G 1/8		G 1/4		G 3/8	

Bore(mm)		12	16	20	25		32	40	50	63	80	100
Double Action	No Magnet	5-60 mm Every 5mm is grouped as one grade		5-85 mm Every 5mm is grouped as one grade	5-90 mm Every 5mm is grouped as one grade	100-110 mm Every 5mm is grouped as one grade		5-90 mm Every 5mm is grouped as one grade		100-130 mm Every 5mm is grouped as one grade		
	With Magnet	5-50 mm Every 5mm is grouped as one grade		5-75 mm Every 5mm is grouped as one grade	5-90 mm Every 5mm is grouped as one grade	100mm		5-90 mm Every 5mm is grouped as one grade		100-120 mm Every 5mm is grouped as one grade		
Single Action	No Magnet			5-30 mm Every 5mm is grouped as one grade				5-30 mm Every 5mm is grouped as one grade		-		
	With Magnet			5-30 mm Every 5mm is grouped as one grade				5-30 mm Every 5mm is grouped as one grade		-		
Max Stroke		60mm		100mm	120mm		130mm					

CQ2	--		12	--	10	D	
Type CQ2:Normal Type CDQ2:Attach Magnet Type		Basic Model B:With through bore A:With female thread on both ends	Cylinder Bore Single action: Φ 12-Φ 50mm Double action: Φ 12-Φ 100mm		Stroke 0~100mm	Action D:Double action S:Single action (with spring return) T:Single action (with spring extent)	Cylinder Body(Optional) Blank:Inner Thread Type M:Outer Thread Type C-With Cushion

Bore(mm)	12	16	20	25	32	40	50	63	80	100
Working Medium	Air									
Motion Pattern	Double Action/Single Action Extrusion Type/Single Action Drawing-in Type									
Ensured Pressure Resistance	15.3kgf/cm ² (1.5Mpa)									
Max. Pressure	10.2kgf/cm ² (1.0Mpa)									
Environment and fluid temp	5~+60℃									
Thread Type	Inner Thread(Standard)/Outer Thread(Optional)									
Buffering	NO									
Margin of Stroke Error(mm)	+1.0 0									
Installation	Through Hole (Standard), Inner Thread on the two sides(Optional)									
Port Size	M5 × 0.8				G 1/8		G 1/4		G 3/8	

EN Series Double-shaft Cylinder



EN 20x50 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: EN20x50
 *EN type double-shaft cylinder, 25mm bore, 50mm stroke, with magnet, model: EN25x50-S

Bore(mm)	10	16	20	25	32
Motion type	Double acting				
Working medium	Clean air(25 μ micron filtration)				
Working pressure(Bar)	1~9				
Guaranteed pressure(Bar)	13.5				
Working temperature(°C)	-5~70				
Speed range (mm/s)	100~500				
Adjustable stroke(mm)	-10~0				
Cushion type	Adjustable cushion				
Non-rotating accuracy	-0.4°			0.3°	
Port Size	M5x0.8			G 1/8	

SG: SMC MGP three-shaft cylinder with magnet
M: Slide bearing type
B: Ball bearing type
20x50: Bore x Stroke
12-100mm
10-200mm
S: Always with magnet

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

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									
Tolerance of stroke		+1.5 0									
Bearing		Slide bearing/Ball bushing bearing									
Non-rotating accuracy	Slide bearing	± 0.08°		± 0.07°		± 0.06°		± 0.05°		± 0.04°	
	Ball bushing bearing	± 0.10°		± 0.09°		± 0.08°		± 0.06°		± 0.05°	
Port Size		M5x0.8		G 1/8		G 1/4		G 3/8			

Cylinder Mounting Accessories



Model	
ALB-32	SLB-32
ALB-40	SLB-40
ALB-50	SLB-50
ALB-63	SLB-63
ALB-80	SLB-80
ALB-100	SLB-100
ALB-125	
ALB-160	
ALB-200	



Model	
AFA/AFB-32	SFA/SFB-32
AFA/AFB-40	SFA/SFB-40
AFA/AFB-50	SFA/SFB-50
AFA/AFB-63	SFA/SFB-63
AFA/AFB-80	SFA/SFB-80
AFA/AFB-100	SFA/SFB-100
AFA/AFB-125	
AFA/AFB-160	
AFA/AFB-200	



Model	
ACA-32	SCA-32
ACA-40	SCA-40
ACA-50	SCA-50
ACA-63	SCA-63
ACA-80	SCA-80
ACA-100	SCA-100
ACA-125	
ACA-160	
ACA-200	



Model	
ACB-32	SCB-32
ACB-40	SCB-40
ACB-50	SCB-50
ACB-63	SCB-63
ACB-80	SCB-80
ACB-100	SCB-100
ACB-125	
ACB-160	
ACB-200	



Model	
STC-32	
STC-40	
STC-50	
STC-63	
STC-80	
STC-100	



Model	
ACR-32	
ACR-40	
ACR-50	
ACR-63	
ACR-80	
ACR-100	
ACR-125	
ACR-160	
ACR-200	



Model	
ALDB-16	
ALDB-20	
ALDB-25	



Model	
ALFA-16	
ALFA-20	
ALFA-25	

Rod End Fitting



Model	
AY-32	SY-32
AY-40	SY-40
AY-50	SY-50
AY-63	SY-63
AY-80	SY-80
AY-100	SY-100
AY-125	
AY-160	
AY-200	



Model	
AYC-32	
AYC-40	
AYC-50	
AYC-63	
AYC-80	
AYC-100	



Model	
AI-32	SI-32
AI-40	SI-40
AI-50	SI-50
AI-63	SI-63
AI-80	SI-80
AI-100	SI-100
AI-125	
AI-160	
AI-200	



Model	
AFF-32	SFF-32
AFF-40	SFF-40
AFF-50	SFF-50
AFF-63	SFF-63
AFF-80	SFF-80
AFF-100	SFF-100
AFF-125	
AFF-160	
AFF-200	



Model	
AB-32	SB-32
AB-40	SB-40
AB-50	SB-50
AB-63	SB-63
AB-80	SB-80
AB-100	SB-100
AB-125	
AB-160	
AB-200	

Magnet Switch



Model	Type	Voltage
HX-03R	Reed Switch	5-240V DC/AC
HX-03N	NPN	5-30V DC
HX-03P	PNP	



Model	Type	Voltage
HX-15R	Reed Switch	5-240V DC/AC
HX-15N	NPN	5-30V DC
HX-15P	PNP	



Model	Type	Voltage
HX-21R	Reed Switch	5-240V DC/AC
HX-21N	NPN	5-30V DC
HX-21P	PNP	



Model	Type	Voltage
HX-31R	Reed Switch	5-240V DC/AC
HX-31N	NPN	5-30V DC
HX-31P	PNP	



BK



PBN

Model	Type
BK-81	BK Series Metal Band
BK-82	
PBN-01	PBN Series Metal Band
PBN-02	



PAC



PM



PI

Model	Type
PAC	PAC Series clamp
PM	PM Series clamp
PI	PI Series clamp

AC Series Shock Absorber



How to Order?

AC

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Blank

AC: Multi Non-Adjustable type
ACD: Double Direction
Cushion 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

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Blank

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-2016-N/2016	16	25	32000	200	3.6	-10~+85
AD-2050-N/2050	25	39	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-3625	25	150	90000	1400	3.2	-10~+85
AD-3650	50	300	108000	1400	3.2	-10~+85
AD-4225	25	260	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	1560000	12727	1.6	-10~+85
AD-64100	100	24000	1920000	18181	1.6	-10~+85
AD-64150	150	36000	2520000	23636	1.6	-10~+85



Assembly Kits for Pneumatic Cylinder

Model	Product	Specification	Model	Product	Specification
ADNC Series Cylinder Kits (ISO6431 & VDMA 24562)		Bore size: 32,40, 50,63,80,100	ASI Series Cylinder Kits (ISO6431)		Bore size: 32,40,50, 63,80,100,125,160, 200
ASC Series Cylinder Kits		Bore size: 32,40,50, 63,80,100,125,160, 200,250			

Tube and Piston Rod for Pneumatic Cylinder

Model	Product	Specification	Model	Product	Specification
ASC,MAL Round Aluminum Tube		Bore size: 16,20,25 32,40,50,63,80, 100,125,160, 200,250	ASI Mickey Mouse Aluminum Tube		Bore size: 32,40,50, 63,80,100,125,160, 200
ADNC Square Aluminum Tube		Bore size: 32,40, 50,63,80,100,125	Piston rod (45# Steel Chrome- plated)		Bore size: 6,8,10,12, 16,20,25,32,40,45,50, 60,70,etc.

