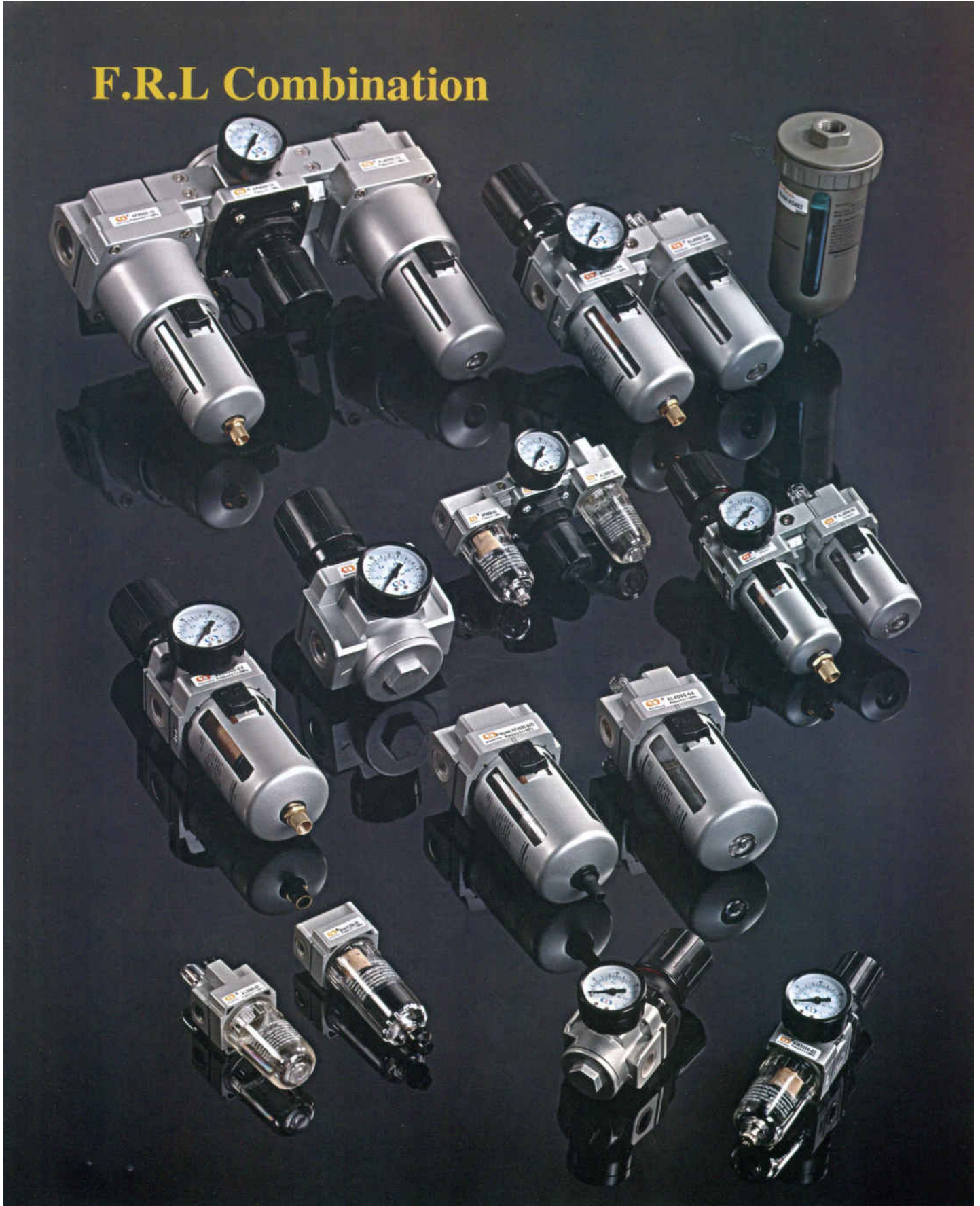


## F.R.L Combination



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## A Series Air Source Processing Unit



AC5000-10

Model	AC(F.R.L)	AF	AR	AW	AL
Working Medium	Air				
Joint pipe bore	M5 G1/8" G1/4" G3/8" G1/2" G3/4" G1"				
Range of adjustable pressure	0.05~0.85MPa	—	0.05~0.85MPa		
Ensured Pressure Resistance	1.5Mpa				
Operating Temperature Range	5~60°C				

**F.R.L**  
Combination  
ISO9001:2000

## Air source processing element:

Quansheng air source treatment unit has variety of specifications, including F.R.L combination, FR.L combination, air filter, air regulator, lubricator of the port size from G1/8" to G1". The function is mainly on purifying the compressed air, setting pressure and adding lubrication. We are integrating designs, manufactures, develops and distributes technologically advanced. It adopts legerity structure, reasonable, good-longing shape, which can be easily assembled and disassembled and can meet the needs of all kind of pneumatic systems. We also have our own mould workshop, which is supportive to design special kinds of air source treatment unit for all over the world.



QAC2000-02

Model	QAC(F.R.L)	QAF	QAR	QAW	QAL
Working Medium	Air				
Joint pipe bore	M5 G1/8" G1/4" G3/8" G1/2" G3/4" G1"				
Range of adjustable pressure	0.05~0.85MPa	—	0.05~0.85MPa		
Ensured Pressure Resistance	1.5Mpa				
Operating Temperature Range	5~60°C				



QMAC2000-02

Model	QMAC(F.R.L)	QMAC(F.R.L)	QMAF	QMAR	QMAW	QMAL
Working Medium	Air					
Joint pipe bore	M5 G1/8" G1/4" G3/8" G1/2" G3/4" G1"					
Range of adjustable pressure	0.05~0.85MPa		—	0.05~0.85MPa		
Ensured Pressure Resistance	1.5Mpa					
Operating Temperature Range	5~60°C					

## Al-Qemam Hydraulics Eng.





## AC BC Series Air Source Processing Unit



BC3000

Model	AC;BC	AFC,BFC	AF,BF	AR,BR	AFR,BFR	AL,BL
Working Medium	Air					
Joint pipe bore	G1/8" G1/4" G3/8" G1/2"					
Range of adjustable pressure	0.05~0.85Mpa	—		0.05~0.85Mpa		—
Ensured Pressure Resistance	1.5Mpa					
Operating Temperature Range	5 60 C					



SFC300

Model	SFC	SL	SFR	NAR	B07	PIH/PTH
Motion Patten	Double Action&Single Action					
Working Medium	Air					
Joint pipe bore	1/4" 3/8" 1/2"			1/8" 1/4"		
Range of adjustable pressure	0~0.99 MPa			0~10 Bar		
Ensured Pressure Resistance	1.5 Mpa			—		
Operating Temperature Range	5~60°C			-20~50°C		



MAL300

Model	MAF300	MAR300	MAL300	MAFR300	MACP300	MACT300
Working Medium	Air					
Joint pipe bore	G1/4" G3/8" G1/2"					
Range of adjustable pressure	0.05~0.85Mpa		—		0.05~0.85Mpa	
Ensured Pressure Resistance	1.5Mpa					
Operating Temperature Range	5 60 C					

## Air Source Treatment Unit Accessories



Pressure gauge



Pressure gauge



Pressure gauge



Bracket



ZDFS



AD402



AH400



AD400



### 39 Series



398-25

Model	397	398	399	394	395	396
Bore Diameter	8 10 15 20 25					
Range of adjustable pressure	0.05 ~ 1.0Mpa					
Ensured Pressure Resistance	1.6Mpa					
Environment Temperature	5 ~ 60 °C					

### Q Series



QTY-50

Model	QTY	QSL	QIU
Environment Temperature	5 ~ 60 °C	5 ~ 60 °C	5 ~ 60 °C
Nominal input Pressure	1.0Mpa	0.63Mpa	1.0Mpa
Max. input pressure	0.63Mpa	—	—
Pressure range	0.05 ~ 0.63Mpa	—	≥ 100
Non-stop change oil pressure	—	—	≥ 0.1μm

### C Series Filter, Regulator & Lubricator Combination



QSC-04L

<b>C</b>	<b>1</b>	<b>04</b>	<b>C</b>	<b>5</b>
C series	Specification 1=G1/4 2=G3/8, G1/2 4=G1	Joint Pipe Bore 04=G1/4 38=G3/8 02=G1/2 01=G1	Group Type C=D+L E=V+D+L G=D+L+VAP HNA=V+D+L+AVP+PRESSNO NHC=V+D+L+AVP+PRESSNC N=V+D P=D+AVP Q=V+D+AVP T=V+D+L+AVP U=F13+FB3(ONLY G3/8, G1/2, G1) ZNA=V+D+AVP+PRESSNO ZNA=V+D+AVP+PRESSNC	Filter Precision 5=5um 25=um

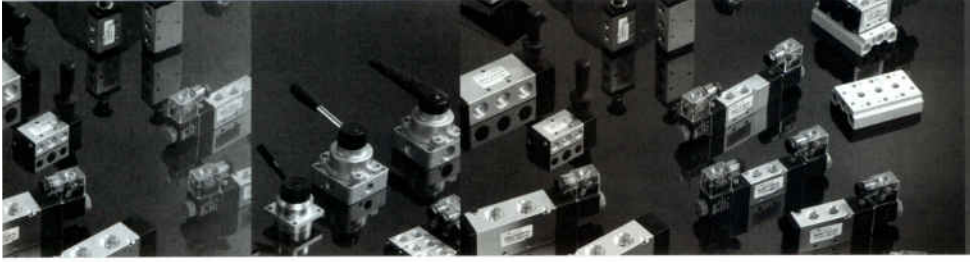
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## 3V,4V Series Solenoid Valve, Plate Type Valve



4V210-08

Model	4V100(B) 3V100	4V200(B) 3V200	4V300(B) 3V300	4V400(B) 3V400
Position and Way No	3 Port 2 position or 5 Port 2 position or 5 Port 3 position			
Joint Pipe Bore	M5X0.8 1/8"	1/8" 1/4"	1/4" 3/8"	3/8" 1/2"
Working Medium	40 Micron Filtered Air			
Motion Pressure	Inner Guide Type			
Working-Pressure	0. 15~0. 8Mpa			
Max.Pressure Resistance	1. 2 Mpa			
Operating Temperature	5~50°C			
Voltage range	±10%			
Wiring Form	Lead Wire or Connector Type			
Highest Action Frequency	5Cycle/Sec			
Shortest Excitation Time	0.05 Second			
Standard Voltage	DC12V/DC24V/AC24V/AC110V/AC220V/AC380V			

## 3A,4A Series Pneumatic Control Valve



4A310-10

Model	4A100 3A100	4A200 3A200	4A300 3A300	4A400 3A400
Position And Way Number	3 Port 2 position or 5 Port 2 position or 5 Port 3 position			
Joint Pipe Bore	M5X0.8 1/8"	1/8" 1/4"	1/4" 3/8"	3/8" 1/2"
Working Medium	40 Micron Filtered Air			
Motion Pressure	Inner Guide Type			
Working-Pressure	0. 15~0. 8Mpa			
Max.Pressure Resistance	1. 2 Mpa			
Operating Temperature	5~50°C			
Voltage range	±10%			
Wiring Form	Lead Wire or Connector Type			
Highest Action Frequency	5Cycle/Sec			
Shortest Excitation Time	0.05 Second			

### AI-Qemam Hydraulics Eng.





## Machine-Control Valve, Hand-Control Valve



JMJ-04

Model	MSV	JMJ	JM	MOV	4R(3R)	HV	K34R8	HSV	4H
Working Medium	Air				Compress air	40 Micron Filtered Air			
Position and Way No	3 Port 2 position or 5 Port 2 position	3 Port 2 position	3 Port 2 position or 2 Port 2 position	2 Port 2 position	5 Port 2 position or 5 Port 2 position	—	4 Port 2 position or 4 Port 3 position	3 Port 2 position or 5 Port 2 position	5 Port 2 position or 5 Port 3 position
Joint Pipe Bore	G1/8" G1/4"	G1/4"	G1/4"	G1/8"	G1/8" G1/4" G3/8" G1/2"	G1/4" G3/8" G1/2"	G1/8" G1/4"	G1/8" G1/4" G3/8" G3/4" G1/2"	G1/8" G1/4" G3/8" G1/2"
Working-Pressure range	0~0.8MPa	0~1.0MPa	0~0.8MPa		0~1.0MPa	0~0.8MPa		0~1.0MPa	
Operating Temperature Range	0~60°C			0~70°C	-5~60°C	0~60°C			

## Other Seris Valve



FV210-08

Model	4F	FV	4FM	RE	KLA	ASC	AS	KA	KAM	ST	QE	QEA	KKP
Working Medium	40Micron filtered Air			Air						Air		Compress air	
Position and Way No	5 Port 2 position	4 Port 2 position or 3 Port 2 position		—				—		—		—	
Joint Pipe Bore	G1/4"	G1/4" G1/8"	M5 G1/4" G1/8"	G1/8" G1/4" G3/8" G1/2"				1/2" 1/4" 1/2" 1/4" 1/2"	1/2" 1/4" 1/2" 1/4" 1/2"	1/2" 1/4" 1/2" 1/4" 1/2"	1/2" 1/4" 1/2" 1/4" 1/2"	1/2" 1/4" 1/2" 1/4" 1/2"	1/2" 1/4" 1/2" 1/4" 1/2"
Working-Pressure range	0.15-0.9MPa			0-0.8MPa	0.8-0.95MPa	0-0.8MPa	0.1-0.7MPa 0.8-1.0MPa	0.8-0.8MPa	0.8-1.2MPa	0-1.0MPa		0.1-1.0MPa	0.8-1.2MPa
Operating Temperature Range	0-60°C			0-60°C	-5-60°C	0-60°C	5-60°C	0-55°C	-5-60°C	0-60°C		—	-5-60°C

## VF、VZ Series Solenoid Valve



VF5120

Model	VF3000	VF5000	VZ5000
Position and Way No	5 Port 2 position or 5 Port 3 position		
Working Medium	40 Micron Filtered Air		
Motion Pressure	Inner Guide Type		
Working-Pressure	0, 15~0, 8Mpa		
Max.Pressure Resistance	1, 2 Mpa		
Operating Temperature	5~50°C		
Voltage range	±10%		
Wiring Form	Lead Wire or Connector Type		
Highest Action Frequency	5Cycle/Sec		
Shortest Excitation Time	0.05 Second		
Standard Voltage	DC12V/DC24V/AC24V/AC110V/AC220V/AC380V		



## SOLENOID VALVE

SOLENOID VALVE  
ISO9001:2000

With ten years development , quansheng solenoid valve has made a great improvement. It is often used to controlling cylinders or larger industrial valves. We concentrate on the design, manufacture and marketing of solenoid valves in a broad range of types and sizes, including 4Vseries, 3V series, 2W series, 4F series foot valve, JMJ series mechanical valve, HV hand valve, etc. Quansheng also has a professional team to research on the new type of solenoid valve in the potential market also the quality that we are specialized in.

## Solenoid Valve Accessories



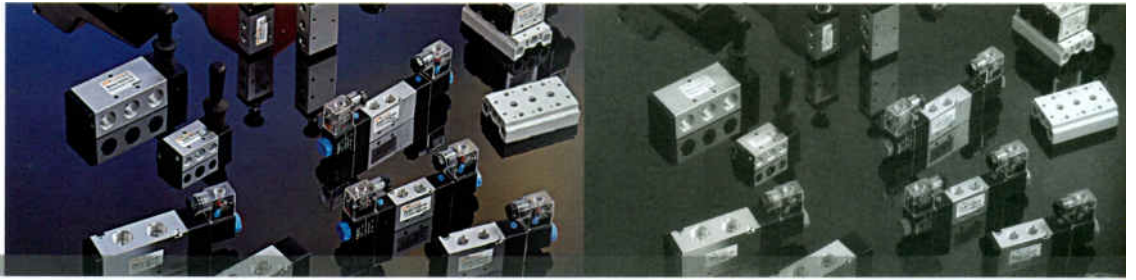
## 2 Port 2 Position Series Solenoid Valve



US-25

Model	2V	2P	2W	2L	VX	PU	2Q
Working Medium	Air, Water(Oil, Gas, Steam)						
Joint Pipe Bore	1/8" 1/4" 3/8" 1/2" 3/4" 1"	1/8" 1/4"	1/8" 1/4" 3/8" 1/2" 3/4" 1" 1/4" 1/2" 2"	3/8" 1/2" 3/4" 1" 1/4" 1/2" 2"	1/8" 1/4" 3/8" 1/2"	1/8" 1/4" 3/8" 1/2" 3/4" 1" 1/4" 1/2" 2"	1" 1/2" 2"
Motion Pressure	Direct drive type or Guide type	Direct drive type			Guide type	Direct drive type	Direct drive type or Guide type
Working-Pressure	0.05-0.7MPa	0-0.7MPa	0-0.5MPa 0-0.7MPa 0-1.0MPa	0.1-1.5MPa	0.1-1.0MPa	0-0.7MPa	0-0.7MPa
Operating temperature range	-5-+80°C		-5-+80°C	-5-+80°C	-5-+150°C -5-+80°C	-5-+80°C	-5-+100°C





MCF2-50S



MCF-40S

## Pulse Valve

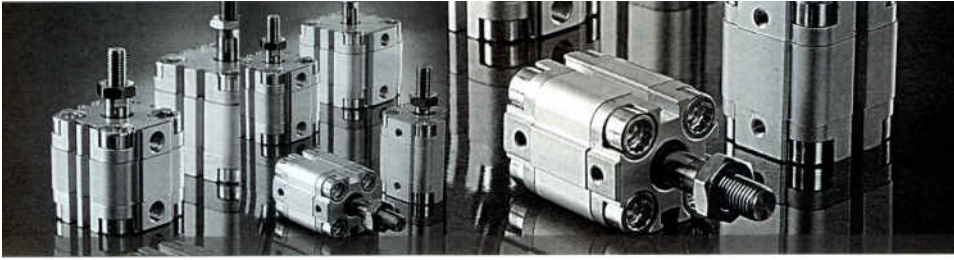
Moder	MCF-Z-25	MCF-Z-40	MCF-Z-50	MCF-Z-65	MCF-Z-76
Working-Pressure	0.4 ~ 0.6MPa				
Ambient Temperature	-10 ~ 55°C				
Relative Humidity	<80%				
Working Medium	Clean Air				
Voltage	AC220V/DC24V				
Diaphragm Life	1000000/Over One Million Cycles				
Orifice	φ 25	φ 40	φ 50	φ 65	φ 76
Connection Port	1"	1-1/2"	2"	2-1/2"	3"
	—	170	200	225	254

## Stainless Steel Bevel Valve



Moder	2K200-15	2K200-20	2K200-25	2K200-32	2K200-40	2K200-50
Type	Normal Close Normal Open					
Joint Size	1/2" 3/4" 1-1/4" 1-1/2" 2"					
Flow Rate	13mm 18mm 24mm 31mm 35mm 45mm					
Pressure	0 ~ 1.6Mpa					
Control Pressure Range	0.3 ~ 0.8Mpa					
Temperature	-5 ~ 180°C					

### AI-Qemam Hydraulics Eng.



## ADVU Series Compact Cylinder



### Product Performance

- Under the circumstance of same driver, only 50% of the standard cylinder installation space is needed.
- Proximity transducer is flush mounted inside sensor groove, on one hand, there is no need of extra mounting package, on the other hand, it can prevent sensor from mechanical damage.
- Extra buffering ring at terminal place can absorb residual energy of movement at a high speed and machine circuiting

### Ordering Code

<b>ADVU</b>	<b>50</b>	<b>80</b>	<b>A</b>	<b>P</b>	<b>A</b>	<b>S2</b>
<b>Type</b>	<b>Cylinder Bore</b>	<b>Stroke basic type:</b>	<b>Cog Type</b>	<b>P: Buffer type</b>	<b>Magnet Code</b>	<b>Plunger Code</b>
ADVU basic type AEVU single-driven type AEVUZ single pull type	12 100mm	$\phi 12 \sim 25$ : 1~200mm $\phi 32 \sim 63$ : 1~300mm $\phi 80 \sim 100$ : 1~400mm single action: $\phi 12$ : 1~10mm $\phi 16 \sim 100$ : 1~25mm	Blank: Internal Thread A: External Thread		Blank: not attach magnet A: attach magnet	Blank: Single end connecting rod S2: both end connecting rod

### specification

Moder	12	16	20	25	32	40	50	63	80	100
Motion Pattern	Double action									
Working Medium	Filter compressed air. Lubricate or didn't lubricate									
Operating Voltage Range	0.12~1MPa		0.1~1MPa		0.08~1MPa			0.06~1MPa		
Operating pressure Resistance	1.35MPa									
Operating Temperature Range	-20~+80C									
Operating Speed Range	30~800mm/s									
Buffer Type	Double · s carrying to have can · t adjust type buffer									
Joint Pipe Bore	M5				G1/8				G1/4	

### Al-Qemam Hydraulics Eng.



## Pneumatic cylinder



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## DNC Series ISO6431 Standard Cylinder



DNC 40x75PPV-A

Bore (mm)	32	40	50	63	80	100	125
Motion Pattern	Double Action						
Working Medium	Filtered Air						
Compression	1.5Mpa						
Max.operating pressure	1.0Mpa						
Min. operating pressure	0.1Mpa						
Buffer	Air buffer(standard)						
Conditon temperature	5--60 C						
Operating speed	50--500mm/s						
Mangin of stroke error(mm)	0--250 <sup>+1.0</sup> <sub>0</sub> 251--1000 <sup>+1.5</sup> <sub>0</sub> 1001--1500 <sup>+2.0</sup> <sub>0</sub>						
Operating life	Not less than 4000km						
Lubricate	Not necessar+L.O						
Joint pipe bore	1/8"	1/4"		3/8"			1/2"

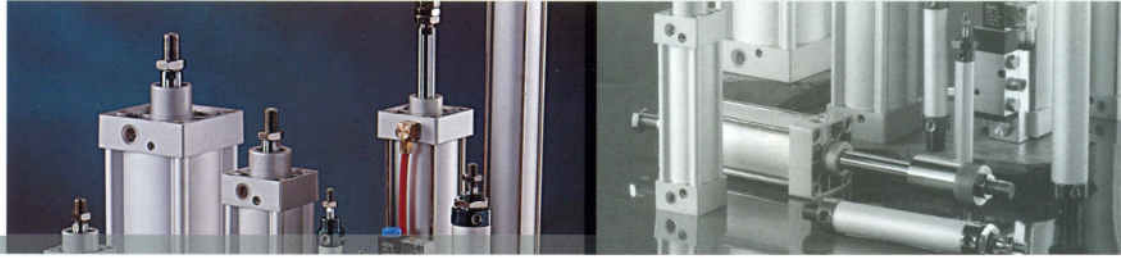
## DSN 6432 Series Stainless Steel Mini Cyinder(ISO6432)



DSN 6432 20

Bore (mm)	8	10	12	16	20	25
Motion Pattern	Double Action					
Working Medium	Air					
Ensured Pressure Resistance	1.5Mpa					
Max.pressure	1.0Mpa					
Min.pressure	1.0Mpa 0.05Mpa					
Environment and fluid temp	-20 ~ +80°C (Internal magnetic install by tach strap: type max.60°C)					
Piston veocity	50 ~ 750mm/s					
Buffer	Rubber bufer bufer(standard),Air buffer(option)					
Lubricatuion	Needless					
Kinetic energy to lerance	0.2	0.3	0.4	0.9	2.7	4
Joint pipe bore	MSX0.8				G1/8	





## SI Series ISO6431 Standard Cylinder



SI 63X100

Bore (mm)	32	40	50	63	80	100	125	160	200
Motion Pattern	Double Action								
Working Medium	Air								
Fixed Type	Basic Type FA FB CA CB CR LB TC TC-M/Type								
Operating Voltage Range	1 ~ 9 Kg/cm <sup>2</sup>								
Ensured Pressure Resistance	13.5Kg/cm <sup>2</sup>								
Operating Temperature Range	-5 ~ 70°C								
Operating Speed Range	50 ~ 800mm/s								
Buffer Stroke	Adjustable Buffer								
Buffer Stroke	24								32
Joint Pipe Bore	PT1/8	PT1/4	PT3/8		PT1/2		PT3/4		

## MAL Aluminum Alloy Mini Cylinder MA Stainless Steel Mini Cylinder

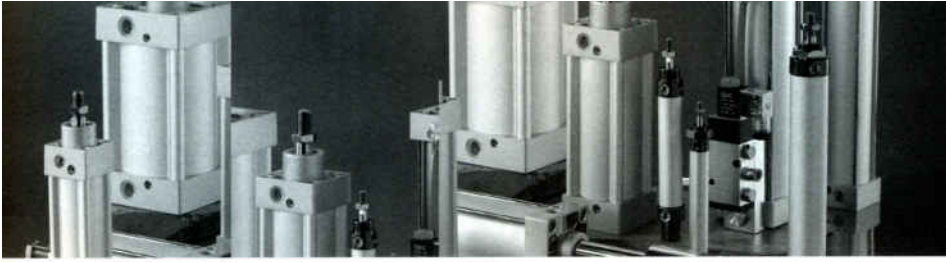


MAL 25X125

Bore (mm)	16	20	25	32	40
Motion Pattern	Double Action&Single Action				
Working Medium	Air				
Fixed Type	Basic Type FA, LB, SDB/Type				
Operating Voltage Range	0.1 ~ 0.9 MPa				
Ensured Pressure Resistance	1.35 Mpa				
Operating Temperature Range	-5 ~ 70°C				
Operating Speed Range	30 ~ 800mm/s				
Joint Pipe Bore	M5X0.8		PT1/8		PT1/4



### Al-Qemam Hydraulics Eng.



## Thin Type Cylinder

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	Air										
Operating Voltage Range	double action	0.1~0.9 Mpa									
	single action	0.2~0.9Mpa									
Ensured Pressure Resistance	1.35Kgf/cm <sup>2</sup>										
Operating Temperature Range	-5~70°C										
Operating Speed Range	double action	30~500mm/s					30~350mm/s		30~250mm/s		
	single action	100~500mm/s									
Buffer Stroke	Fixed type buffer										
Joint Pipe Bore	M5X0.8				PT1/8		PT1/4		PT3/8		



SDA 80x50

## SC Series Standard Cylinder

Bore (mm)	32	40	50	63	80	100	125	160	200
Motion Pattern	Double Action								
Working Medium	Air								
Fixed Type	Basic Type FA FB CA CB CR LB TC TC-M/Type								
Operating Voltage Range	1~9 Kgf/cm <sup>2</sup>								
Ensured Pressure Resistance	13.5Kgf/cm <sup>2</sup>								
Operating Temperature Range	-5~70°C								
Operating Speed Range	30~800mm/s								
Buffer Stroke	Adjustable Buffer								
Buffer Stroke	24				32				
Joint Pipe Bore	PT1/8	PT1/4		PT3/8		PT1/2		PT3/4	



SC 63x50

## TN/CXS Series Parallel Double Cylinder

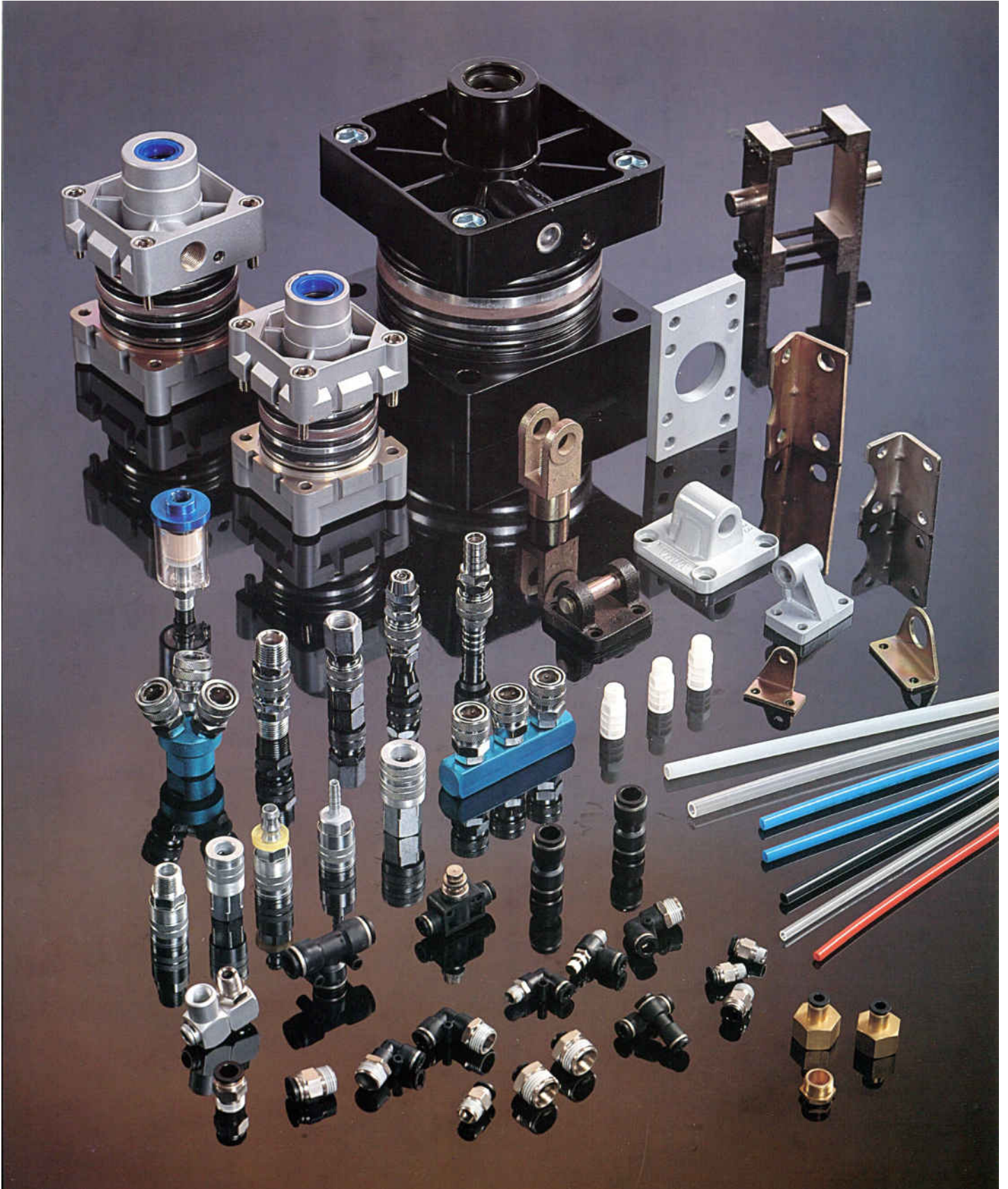
Bore (mm)	10	CXS15 TN16	20	25	32
Motion Pattern	Double Action				
Working Medium	Air				
Ensured Pressure Resistance	CXS: 13.5 kgf/cm <sup>2</sup> TN: 10.5 kgf/cm <sup>2</sup>				
Max. pressure	1~9.0Mpa				
Operating Temperature Range	CXS: 0-60°C TN: -5-70°C				
Operating speed range	CXS: 50-800 TN: 100-500				
Buffer	Softland Buffer				
Buffer Type	100		200		
Joint pipe bore	CXS :10,15,20: M5 x 0.8 25,32 : 1/8" TN: 10,16,20,15: M5 x 0.8 32 : 1/8"				



TN

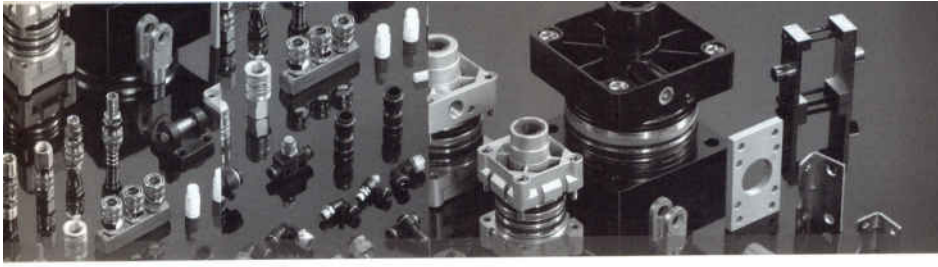
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## Cylinder Accessories



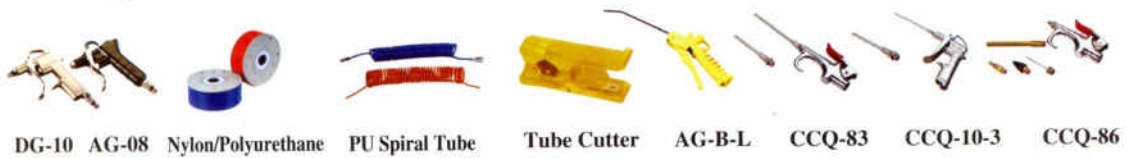
## Pneumatic Fitting



## Quick Coupler.



## Air Gun/Pipe



## Multipass Quick Coupler



## Al-Qemam Hydraulics Eng.