

MECHANICAL VALVES

Mac Valves Pacific Mechanical Valve range: 35/45 Series, JA2/JA3 (ISO2/ISO3) Series, 1800 Series Lever Valves and Foot Pedals.

35/45 SERIES

35A - XXX - XXXX
(Cv up to 0.18)

BODY TYPE	
AAA	Individual 1/8" NPT
ACA	Individual 1/8" BSPP
*B	800° Manifold

OPERATOR	FUNCTION	MANIFOLD SPACING	HOLE SIZE
R032	Button Red	33mm	25mm
G032	Button Green	33mm	25mm
B032	Button Black	33mm	25mm
R232	Button Red with Boot	33mm	25mm
G232	Button Green with Boot	33mm	25mm
B232	Button Black with Boot	33mm	25mm
G037	Palm Button Green	60mm	30mm
R037	Palm Button Red	60mm	30mm
0088	Push and Twist	40mm	25mm
0089	Lever Twist	33mm	30mm

* Must mount on a bar manifold. Check centre distances.

35A-ACA-R032

35A-ACA-B232

35A-ACA-G037



35A-ACA-0088

35A-ACA-0089



45A - XXX - XXXX
(Cv up to 0.18)

BODY TYPE		PORT SIZE		FLOW CONTROLS	
A	4 Port Body	A	1/8" NPT	1	No Flow Ctrl.
B	5 Port Body	C	1/8" BSPP	2	With Flow Ctrl. (4 Port Only)
*L	Manifold Body	*0	Manifold	*0	Manifold

45A-AC1-R032

45A-AC1-B232

45A-AC1-G037

45A-AC1-0088

45A-AC1-0089



JA2/JA3 (ISO2/ISO3) SERIES

JA2 - XXXX
(Cv up to 3.0)

INDIVIDUAL/MANIFOLD*		
MB-A2B-121	Individual	3/8" BSPP Side Port
MB-A2B-131	Individual	1/2" BSPP Side Port
MB-A2B-221	Individual	3/8" NPT Side Port
MB-A2B-231	Individual	1/2" NPT Side Port
MM-A2B-121	Manifold	1/2" BSPP Side Port
MM-A2B-131	Manifold	3/4" BSPP Side Port

JA2 Manifold Fastening Kit: N-63002-01

JA3 - XXXX
(Cv up to 6.3)

INDIVIDUAL/MANIFOLD*		
MB-A3B-121	Individual	1/2" BSPP Side Port
MB-A3B-131	Individual	3/4" BSPP Side Port
MB-A3B-221	Individual	1/2" NPT Side Port
MB-A3B-231	Individual	3/4" NPT Side Port
MM-B3A-121-A	Manifold	1/2" BSPP Side Port
MM-B3A-131-A	Manifold	3/4" BSPP Side Port

JA3 Manifold Fastening Kit: N-P3003-01

BODY TYPE	
2LSS	2 Position, Lever/Spring, Single Pressure
2LLS	2 Position, Lever/Lever, Single Pressure
3LLO	3 Position, Lever/Lever, Open Centre Position
3LLC	3 Position, Lever/Lever, Closed Centre Position
3LSO	3 Position, Lever/Spring to Centre, Open Centre Position
3LSC	3 Position, Lever/Spring to Centre, Closed Centre Position

NOTE: Bases are ordered separately



JA2-3LSC
Mounted on MB-A2B-131

JA2-3LLC
Mounted on MM-A2B-131

1800 SERIES LEVER VALVES

18XXXX - YYY - XXXX
(Cv up to 1.0)

SPOOL TYPE	
1	Single Pressure Port 1 = Inlet Ports 4&5 = Exhaust or Vacuum
5	Closed Centre All Ports Blocked Port 1 = Inlet Ports 4&5 = Exhaust
6	Open Centre Inlet Blocked Cylinder Port to Exhaust Port 1 = Inlet Ports 4&5 = Exhaust

BODY TYPE	
1	Individual External Pilot (1/4" Ports Only)
2	Stacking: Common Ports 1, 4, and 5 (1/4" or 3/8" Cylinder Ports)

PORT SIZE	
2	1/4" NPT
3	3/8" NPT Stacking Body Only
5	1/4" BSPP
6	3/8" BSPP Stacking Body Only

OPERATOR 'A' AND 'B' END

180002-115-0077	2 Position, Detented
180002-515-0087	3 Position, Closed Centre, Detented
180002-615-0087	3 Position, Open Centre, Detented
180687-515-0687	3 Position, Closed Centre, Spring to Centre
180687-615-0687	3 Position, Open Centre, Spring to Centre
181002-115-1077	2 Position, Detented
181002-515-1087	3 Position, Closed Centre, Detented
181002-525-1087	3 Position, Closed Centre, Detented
181002-615-1087	3 Position, Open Centre, Detented
181002-625-1087	3 Position, Open Centre, Detented
181687-515-1687	3 Position, Closed Centre, Spring to Centre
181687-525-1687	3 Position, Closed Centre, Spring to Centre
181687-615-1687	3 Position, Open Centre, Spring to Centre

BODY TYPE LEVER

Individual	Panel
Individual	Panel
Individual	Panel
Individual	Panel
Individual	Parallel
Individual	Parallel
Stacking	Parallel
Stacking	Parallel
Stacking	Parallel
Individual	Parallel
Stacking	Parallel

180002-515-0087
3 Position, Closed Centre
Detented (Panel)



181002-115-1077
2 Position, Detented
(Parallel)



181002-515-1087
3 Position, Closed
Centre, Detented
(Parallel)



181002-625-1087
3 Position, Open Centre
Detented (Parallel)



MANIFOLD END PLATE KITS

Style A	M-08001-03-01P	Mount Cylinder Port Down
Style B	M-08001-02-01P	Mount Cylinder Up or Down

M-08001-03-01P



FOOT PEDALS

PEDAL TYPE	FUNCTION	THREAD SIZE
36359	5/2 Spring Return	1/4" BSPP
36369	5/2 Latching	1/4" BSPP
ACT-411-02	5/2 2 Position - Foot Treadle	1/4" BSPP
ACT-411-02-3	5/3 3 Position - Foot Treadle	1/4" BSPP
ACT-403-02	5/2 Spring Return - Toe Treadle	1/4" BSPP
MVFA-240-8A	4/2 Spring Return	1/4" BSPP
MVFA-240-8A-L	4/2 Latching	1/4" BSPP

36359



ACT-403-02



ACT-411-02



MVFA-240-8A-L



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