

Pilot & Mechanical Valve Model Domino Junior

Up to 10 bar operating pressure

Superior performance
throughout the
full operational range

Features:

- 316L stainless steel
- Arctic Service options to -60°C
- Air, sweet & sour gases, hydraulic oil



TECHNICAL INFORMATION

OPERATING MEDIA

- Air, sweet and sour gas, hydraulic oil

FLOW PERFORMANCE

• 1-2	25 SCFM	12 NL/sec	708 NL/min	0.7 Cv
• 2-3	32 SCFM	15 NL/sec	906 NL/min	0.9 Cv

MECHANICAL CONSTRUCTION

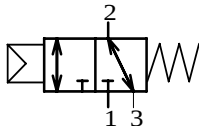
- Body:- stainless steel 316L
- Fasteners:- Metric A4 18/10 316 grade stainless steel
- Seat Material:- Viton (standard). Alternative elastomers available for extreme conditions
- Springs:- stainless steel 316L
- Ports:- 1/4" thread milled NPT (BSPP options available)

TEMPERATURE RANGE:

SJE/HSJE/SJJE/HSJJE	-20°C to +180°C
ASJE/AHSJE/ASJJE/AHSJJE	-60°C to +40°C

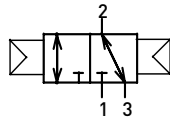
LOGIC VALVES - PREFERRED MODEL LIST

PILOT VALVES:



SJE06-P1-32-NU-00

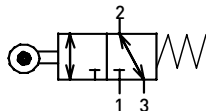
1/4" NPT, Pilot operated, 3 way 2 position, normally universal, spring return, C.v. 0.7, 10 bar (BBB)



SJE06-P1-32-NU-P1

1/4" NPT, Pilot operated, 3 way 2 position, normally universal, pilot return, C.v. 0.7, 10 bar (BBB)

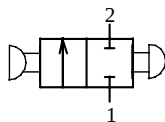
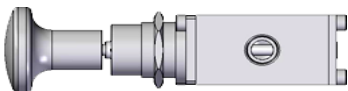
MECHANICAL VALVES:



SJE06-M12-32-NU-00

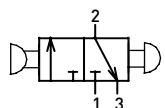
1/4" NPT, Cam operated, 3 way 2 position, normally universal, spring return, C.v. 0.7, 10 bar (BBB)

PANIC VALVES:



SJJE06-2-PV

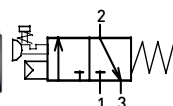
1/4" NPT, 2 way 2 position, push button to block, pull button to bleed, C.v. 0.7 10 bar (BBB)



SJJE06-3-PV

1/4" NPT, 3 way 2 position, push button to block, pull button to bleed, C.v. 0.7 10 bar (BBB)

RESET VALVES:



SJJE06-P1-32-NC-M15-K54

1/4" NPT, Pull button or energise pilot to operate, normally closed, spring return, C.v. 0.7, 10 bar (BAB)



SJJE06-P1-32-NC-M16-K54 1/4" NPT, Pull button or energise pilot to operate, mechanical latch, normally closed, spring return, C.v. 0.7, 10 bar (BAB)



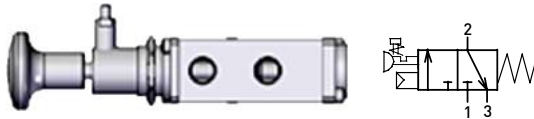
SJJE06-P9-32-NC-M15-K54 1/4" NPT, Pull button to energise air latch pilot, normally closed, spring return, C.v. 0.7, 10 bar (BAB)



SJJ06-P9-32-NC-M15-K54-K27C 1/4" NPT, Pull button or energise air latch pilot, normally closed, spring return with eyeball indicator from port 2 (green on, red off), C.v. 0.7, 10 bar (BAB)



SJJ06-P9-32-NC-M16-K54-K27C 1/4" NPT, Pull button or energise pilot and pull button to operate, mechanical latch, normally closed, spring return with eyeball indicator from port 2 (green on, red off), C.v. 0.7, 10 bar (BAB)



SJJE06-P9-32-NC-M16-K54 1/4" NPT, Pull button or energise pilot and pull button to operate, mechanical latch, normally closed, spring return, preliminary latch pin, C.v. 0.7, 10 bar (BAB)



SJJE06-P9X-32-NC-M15-K54-K27P 1/4" NPT, Pull button to energise air latch pilot, normally closed, spring return, with eyeball indicator from pilot with restricted feed to port 2 in energised state (green on, red off) C.v. 0.7, 10 bar (BAB)

RESET VALVES:



SJJE06-M2-32-NU-00 1/4" NPT, shrouded push button, normally universal, spring return, C.v. 0.7, 10 bar



SJJE06-M2-32-NU-00-K10 1/4" NPT, push button, normally universal, spring return, C.v. 0.78, 10 bar



SJJE06-M14-32-NU-04 1/4" NPT, push/pull button, normally universal, detented, C.v. 0.7, 10 bar

ALL VALVES ABOVE AVAILABLE FOR HYDRAULIC SERVICE WITH THE ADDITION OF H AT THE START OF THE START NUMBER

SELECTION CHART : J06

SJE06 HSJE06 ASJE06 / AHSJE06	gaseous service hydraulic service arctic service (-50°C) gaseous / hydraulic	See Note below	Model Code
P1 M11 M12 M52	pilot operator plunger actuator roller cam operated key operator		Primary Actuator
22 32 52	2-way, 2-position 3-way, 2-position 5-port, 2-position		Configuration
NC NO NU XX	Normally Closed Normally Open Normally Universal 52 valves only		Configuration
00	spring return end cap		Return Devices - Secondary Actuator
P1	pilot operator		Air Pilot - Secondary Actuator
M11 M12	plunger actuator roller cam operated		Hand / Mechanical - Secondary Actuator
K4 K6 K54 L26	valve exhaust bug vent BSPP port option block after bleed (std for HSJ/AHSJ) proximity switch (consult BFP)		Options
SJE06 - P1 - 32 - NC - 00 - K4			Ordering Example

NOTE:- the bodies of the 3 way 2 position junior range have been reduced from 1 1/2" bar stock to 1 1/4" bar stock. This has been reflected by the addition of the letter 'e' in the part code e.g. SJE06, HSJE06 etc. This is applicable to all options except for when using K27 and 5 way 2 position which will remain as SJJ06 etc.

SELECTION CHART : JJ06

SJJE06 / HSJJE06 gaseous / hydraulic service ASJJE06 / AHSJJE06 arctic service (-50°C) gaseous / hydraulic service		See Note below	Model Code
P1	pilot operator		Air Pilot Primary Actuator
P9	air latch pilot operator		
P92	air latch pilot operator - HSJJ or AHSJJ only		
M2	shrouded push button panel mounting		Hand / Mechanical Primary Actuator
M9	push / pull (padlockable) panel mounting		
M14	push / pull panel mounting		
22	2-way, 2-position		Configuration
32	3-way, 2-position		
52	5-port, 2-position		
NC	Normally Closed		Configuration
NO	Normally Open		
NU	Normally Universal		
XX	52 valves only		
00	spring return end cap		Return Devices - Secondary Actuator
04	blanking cap - M9 & M14 only		
05	detented action end cap - M9 & M14 only		
M15	pull button spring return with panel mount		Hand / Mechanical - Secondary Actuator
M16	pull button spring return with preliminary latch & panel mount		
K4	valve exhaust bug vent		Options
K6	BSPP port option		
K10	black plastic button		
K22	extra panel mount ring		
K27	eye ball indicator - M15 / M16 only		
K28	red plastic button		
K54	block after bleed (std for M15/M16 and HSJ/AHSJ series)		
L26	proximity switch (consult Bifold Fluidpower Ltd)		
SJJE06 - P9 - 32 - NC - M16 - K54			Ordering Example

NOTE:- the bodies of the 3 way 2 position junior range have been reduced from 1 1/2" bar stock to 1 1/4" bar stock. This has been reflected by the addition of the letter 'e' in the part code e.g. SJJE06, SJE06 etc. This is applicable to all options except for when using K27 and 5 way 2 position which will remain as SJJ06 etc.

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Quality Assurance

All Bifold Fluidpower products are manufactured to a most stringent QA programme. Every care is taken at all stages of manufacture to ensure that every product will give optimum performance and reliability. We are recognised to EN ISO 9001:2000. Functional test certificate, letter of conformity and copies of original mill certificates, providing total traceability are available on request, to BSEN 10204 3.1.B where available. The manufacturer reserves the right to make changes to the specifications and design etc., without prior notice

Accuracy of information

We take care to ensure that product information in this catalogue is reasonably accurate and up-to-date. However, our products and services are continually updated so to ensure accurate and up-to-date information please refer to the issue list on the web site or contact a member of our sales team.

