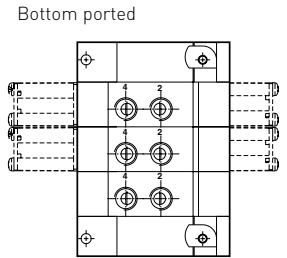


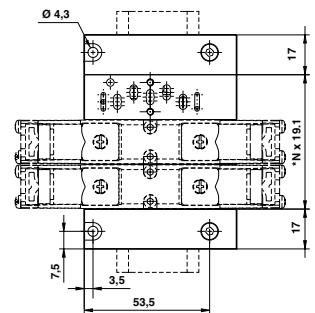
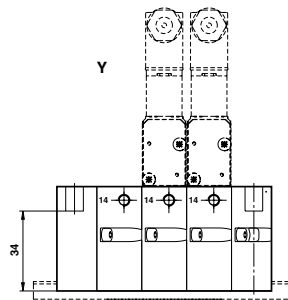
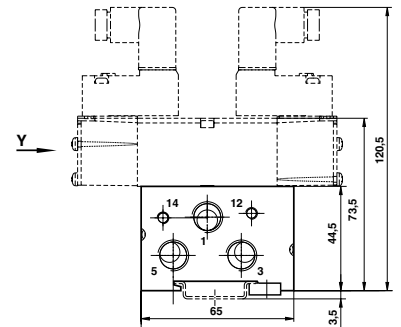
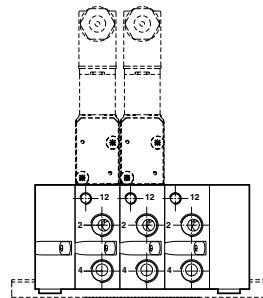
MINI ISO VALVES V40/V41 Series

2 x 3/2, 5/2 and 5/3 Valves – Solenoid and pilot actuated – ISO 15407-1/VDMA 24 563 – Size 18 mm

- High performance, compact design
- Flexible sub-base system
- Multipressure system capability
- Wide range of accessories
- Dual spool technology
 - V40 Glandless spool and sleeve (long life)
 - V41 Softseal spool (high flow)
- Easy to convert from internal to external pilot supply
- Valve exchange under pressure



Side ported



TECHNICAL DATA

Medium:

Compressed air, 40 µm filtered, lubricated or non-lubricated

Operation:

V40: Glandless spool valve, solenoid pilot or air pilot actuated

V41: Softseal spool valve, solenoid pilot or air pilot actuated

Operating pressure:

Maximum 16 bar, see tables for individual details

Flow:

570-680 l/min

Ambient temperature:

–15°C to +50°C V40/V41 solenoid & V41 air pilot models

–15°C to +80°C V40 air pilot models

Consult our Technical Service for use below +2°C

Models – Softseal Spool (V41 Series)

2 X 3/2 VALVES – SOLENOID ACTUATED VALVES INTERNAL PILOT SUPPLY

Model	Actuation	Size	Flow (l/min)	Operating pressure (bar)
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V415A11D-C313A	Sol/Spring NC	18 mm	610	2,5 ... 10
V415B11D-C313A	Sol/Spring NO	18 mm	610	2,5 ... 10
V415C11D-C313A	Sol/Spring NO/NC	18 mm	610	2,5 ... 10

Accessories

Basic plug



5/2 VALVES – SOLENOID ACTUATED VALVES INTERNAL PILOT SUPPLY

Model	Actuation	Size	Flow (l/min)	Operating pressure (bar)
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V415513D-C313A	Sol/Air spring	18 mm	650	1 ... 10
V415517D-C313A	Sol/Spring	18 mm	650	2 ... 10
V415511D-C313A	Sol/Sol	18 mm	650	2 ... 10

Basic plug



For further information
www.norgren.com/info/nec/en090

MINI ISO VALVES V40/V41 Series

2 x 3/2, 5/2 and 5/3 Valves – Solenoid and pilot actuated – ISO 15407-1/VDMA 24 563 – Size 18 mm

Models – Softseal Spool (V41 Series)

Accessories

5/3 VALVES – SOLENOID ACTUATED VALVES INTERNAL PILOT SUPPLY					Basic plug
24 DC Push only M/O Model	Actuation	Size	Flow (l/min)	Operating pressure (bar)	
V415611D-C313A	Sol/Sol APB	18 mm	680	2 ... 10	V10027-D00
V415711D-C313A	Sol/Sol COE	18 mm	680	2,5 ... 10	V10027-D00
V415811D-C313A	Sol/Sol COP	18 mm	680	2 ... 10	V10027-D00

2 X 3/2 VALVES – PILOT ACTUATED VALVES				
Model	Actuation	Size	Flow (l/min)	Operating pressure (bar)
V415A33A-X0020	Air/Spring NC	18 mm	610	0 ... 10
V415B33A-X0020	Air/Spring NO	18 mm	610	0 ... 10
V415C33A-X0020	Air/Spring NO/NC	18 mm	610	0 ... 10

5/2 VALVES – PILOT ACTUATED VALVES				
Model	Actuation	Size	Flow (l/min)	Operating pressure (bar)
V415537A-X0090	Air/Spring	18 mm	650	-0,9 ... 10
V415533A-X0090	Air/Air	18 mm	650	-0,9 ... 10

5/3 VALVES – PILOT ACTUATED VALVES				
Model	Actuation	Size	Flow (l/min)	Operating pressure (bar)
V415633A-X0020	Air/Air APB	18 mm	680	-0,9 ... 10
V415733A-X0020	Air/Air COE	18 mm	680	-0,9 ... 10
V415833A-X0020	Air/Air COP	18 mm	680	-0,9 ... 10

APB – All Ports Blocked, COE – Centre Open Exhaust, COP – Centre Open Pressure

EXPRESS PLUS

Looking for long life valves?

Then select a glandless version which can increase life up to four times.
Please see page 92

EXPRESS LINKS

Connectors and cables

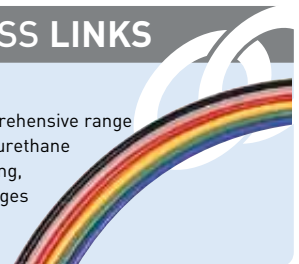
For a full selection of 15 mm DIN EN175301-803 Form C plugs and cables please see page 151



EXPRESS LINKS

Tubing...



For our comprehensive range of nylon, polyurethane and weld tubing, please see pages 267 to 269





MINI ISO VALVES V40/V41 Series

2 x 3/2, 5/2 and 5/3 Valves – Solenoid and pilot actuated – ISO 15407-1/VDMA 24 563 – Size 18 mm

Models – Glandless Spool (V40 Series)

5/2 VALVES – SOLENOID ACTUATED VALVES INTERNAL PILOT SUPPLY 24 DC Push only M/O					Operating pressure (bar)	Basic plug
Model	Actuation	Size	Flow (l/min)			
						
V405513D-C313A	Sol/Air spring	18 mm	570	1 ... 10		V10027-D00
V405516D-C313A	Sol/Spring	18 mm	570	1,6 ... 10		V10027-D00
V405511D-C313A	Sol/Sol	18 mm	570	2 ... 10		V10027-D00

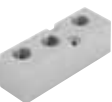





5/3 VALVES – SOLENOID ACTUATED VALVES INTERNAL PILOT SUPPLY 24 DC Push only M/O					Operating pressure (bar)	Basic plug
Model	Actuation	Size	Flow (l/min)			
						
V405611D-C313A	Sol/Sol APB	18 mm	610	2 ... 10		V10027-D00
V405711D-C313A	Sol/Sol COE	18 mm	610	2 ... 10		V10027-D00
V405811D-C313A	Sol/Sol COP	18 mm	610	2 ... 10		V10027-D00







APB = All Ports Blocked, COE = Centre Open Exhaust, COP = Centre Open Pressure

5/2 VALVES – PILOT ACTUATED VALVES				
Model	Actuation	Size	Flow (l/min)	Operating pressure (bar)

				
V405537A-X0090	Air/Spring	18 mm	570	-0,9 ... 16
V405533A-X0020	Air/Air	18 mm	570	-0,9 ... 16
V405533A-X0070	Air/Air priority 14	18 mm	570	-0,9 ... 16

BASES AND ACCESSORIES

Intermediate supply/exhaust module	Single valve shut-off plate	Single pressure regulator plate	Double pressure regulator plate	Flow regulator plate	Sandwich plate with additional pressure port 1
					
V70429-A50 (G1/8)	V70430-K50 (Port 1 blocked)	V70427-K51 (Port 1 reg.)	V70427-K54 (Ports 2+4 reg.) V70427-K52 (Port 2 reg.) V70427-K53 (Port 4 reg.)	V70428-K50 (Ports 3+5 reg.)	V70435-A50 (G1/8)


DIN EN 50 022 rail (1 metre)	DIN-rail mounting kit	Blanking plate for unused station	Blanking disk to modular sub-base	Manual override set-up kit	Transition plate #18 mm to #26 mm
					
V10009-C00 (35 x 7,5 mm)	V70531-KA0	V70400-K50	V70422-K50 (Ports 1,3,5) V70423-K50 (Ports 12 + 14)	V70532-K00	V70436-K00

MINI ISO VALVES V40/V41 Series

2 x 3/2, 5/2 and 5/3 Valves – Solenoid and pilot actuated – ISO 15407-1/VDMA 24 563 – Size 18 mm

BASES AND ACCESSORIES


Models

SINGLE STATION Model	Description	Straight fitting	Elbow fitting	Silencer	
	V70401-A5B	Single station side ported with pilot ports – G 1/8	C02250618	C02470618	T40C1800

Accessories




Models


MODULAR SUB-BASES AND END PLATES Model	Description	Straight fitting	Elbow fitting	Silencer	
	V70425-A5F	Modular sub-base side ported without pilot ports – G1/8	C02250618	C02470618	-
	V70426-A5F	Modular sub-base side ported with pilot ports – G1/8	C02250618	C02470618	-
	V70425-65F	Modular sub-base side ported (PIF) without pilot ports – Ø6 mm	Included 6mm	-	-
	V70426-65F	Modular sub-base side ported (PIF) with pilot ports – Ø6 mm	Included 6mm	-	-
	V70425-A5E	Modular sub-base bottom ported without pilot ports – G1/8	C02250618	C02470618	-
	V70426-A5E	Modular sub-base bottom ported with side pilot ports – G1/8	C02250618	C02470618	-


Accessories



	V70432-A5F	Double modular sub-base side ported without pilot ports – G1/8	C02250618	C02470618	-
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	V70424-B5C	End plate kit. End ported – G1/4	C02250828	C02470828	T40C2800
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	V70431-A5F	End plate kit with 2 side ported valve stations without pilot ports – G1/4, G1/8	C02250618 [2 & 4] C02250828 [1, 3 & 5]	C02470618 [2 & 4] C02470828 [1, 3 & 5]	T40C2800 -
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	V70402-A50	2 Station fixed length manifold. Bottom ported – G1/8	C02250618	C02470618	T40C2800
	V70404-A50	4 Station fixed length manifold. Bottom ported – G1/8	C02250618	C02470618	T40C2800
	V70406-A50	6 Station fixed length manifold. Bottom ported – G1/8	C02250618	C02470618	T40C2800
	V70408-A50	8 Station fixed length manifold. Bottom ported – G1/8	C02250618	C02470618	T40C2800
	V70410-A50	10 Station fixed length manifold. Bottom ported – G1/8	C02250618	C02470618	T40C2800