

Quick Ship Focused Delivery Program for Pneumatics

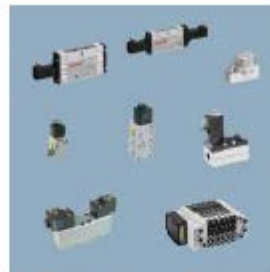


Focused
Delivery
Program

Customer Presentation
June 2014



Air Preparation
and Accessories



Pneumatic Valves



Pneumatic Cylinders

Quick Ship replaces *GoTo* for AVENTICS only

- The AVENTICS Quick Ship program replaces the former Rexroth Pneumatics ***GoTo*** focused delivery program and works the same way. (Other technology groups of Bosch Rexroth still have a ***GoTo*** program.)
- Quick Ship is a focused delivery program that for a defined set of our most popular, standard products, provides specific shipment parameters per part number. While “standard”, some product lines like valve manifolds and cylinders offer customization choices.
- Delivery performance for AVENTICS Quick Ship orders has remained above 99% on time (excluding items on Alert)
- The order is placed with your distributor, and shipment is made from the distributor’s stock or from the AVENTICS Lexington, Kentucky manufacturing facility within the stated time frame.

Quick Ship – Saving you time

- The AVENTICS Quick Ship program gives you access to a wide selection of our most popular pneumatic products with fast, reliable lead times that meet or improve on market lead times. Quick Ship saves you delivery time, and by standardizing on these products, you will save time over the life of your projects by using products that are readily available. Add to this your reduced downtime due to using quality, reliable AVENTICS pneumatic products vs. inferior choices.

- With Quick Ship, we strive to provide consistent, reliable, market best lead times for standard products.
- Quick Ship means:
 - Consistent lead times with minimal fluctuation
 - Reliable, on time delivery to published shipping times
 - Market best lead times for comparable products
 - Promoting standard and popular products in the marketplace



- Catalog SC-QS, a fifty page Quick Ship catalog replaces the former Rexroth Pneumatics **GoTo** catalog.
- A new four page Quick Ship brochure (F-QS) is available.
- Both pieces are available in PDF online (our home page is www.aventic.com/us).



- Note: Catalog and brochure share the same cover.

- The first section provides an overview of the product lines included in Quick Ship. Categories are: Air Preparation, Pneumatic Valves, Pneumatic Actuators and Accessories. On each page of the product overview section, you will find an internet shortcut to the specific product line Quick Ship web page, for example:


www.aventics.com/us/QuickShipCeram for Ceram™ valves.



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Quick Ship Focused Delivery Program: Ceram

Ceram™ ISO 5599-1 Directional Control Valves



ISO 5599-1 g valves, interchangeable with many other manufacturers. Unique ceramic plates form a nearly perfect, indestructible seal. The Ceram is more tolerant of dirty air and harsh conditions than any directional control valve available. Offers higher flow rates as compared other ISO valves within the same size. Construction allows field convertibility for internal or external pilot control. Specific models of ISO sizes 1, 2 and 3 are included in Quick Ship. In addition, for temporary flexibility, some ISO sizes 1 and 2 valves with CNOMO operators less coil are included in Quick Ship, and coils for these are ordered separately. Subbases are also ordered separately.

For the latest information and part numbers go to:
www.aventics.com/us/QuickShipCeram

Features:

- Long service life of over 150 million cycles
- Designed for non-lubricated service
- Near diamond hard ceramic sliding plates provide sealing and are guaranteed for life of the valve
- Works well in either harsh or normal environments
- Perfect for neglected air supply systems, i.e. contaminated with dirt, rust, moisture, carbon black, etc.
- Locking or non-locking manual overrides
- Valves with and without coils available for maximum flexibility to meet a variety of applications
- Accessories: NPT and ISO-G single subbase and manifolds, sandwich pressure regulators and flow controls

Model Codes and Descriptions for Quick Ship Program:

- Series: Ceram - 5599-1 ISO valve
- Size: S21 - ISO I
S22 - ISO II
S23 - ISO III
- Pilot: IP - Internal pilot
- Function: SS - 5/2 2-position, single sol., spring return
DS - 5/2 2-position, double solenoid
CC - 5/3 3-position, closed center
OC - 5/3 3-position, open center
AP - Air Pilot (Size 1 only)
- Electrical: LESS COIL - CNOMO with locking/non-locking override, no coil
With coil, 24 VDC or 120 VAC
- Model Code Example:
CERAM S21 IP SS LESS COIL, 07-010041-00040

Technical Data:

- Flow rates: ISO 1, 1.1 C_v
ISO 2, 2.4 C_v
ISO 3, 4.3 C_v
- Working pressure: Vacuum to 150 psi
- Working temperature: 5°F to 150°F
- Valve functions: 5/2 SS & DS, and 5/3 CC and OC
- Voltages available: 24 VDC, 120 VAC
(1/2 VDC, 24 & 240 VAC for less coils version only)
- Minimum pilot pressure:
ISO 1 & 2: 5/2 SS & 5/2 DS, 29 psi
5/2, 34 psi
ISO 3: 5/2 SS & 5/2 DS, 36 psi
5/2, 44 psi
- Protection: IP65 (NEMA 4)
- Size 4 also available

See Index Pages 33-34 for Quick Ship valves and accessory part numbers.

Internet shortcut address

Features & specifications

- The second section of the catalog gives you specific part numbers grouped by product line that are included in Quick Ship. Listed with each part number is the lead time in business days (many are next business day shipping) and the maximum quantity that can be ordered as a Quick Ship item at one time.

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QUICK SHIP: PART NUMBERS

Page Number	Description/Model Code	Part Number	Maximum Quantity	Maximum Shipment Days
13	Manifold bushing kit for B40; for dual pressures	5728400092	2	1
13	Segment, end manifold for B40; end segment	R432008412	5	1
13	Segment, inlet manifold for B40; inlet segment	R432008411	5	1
13	Segment, station manifold for B40; intermediate segment	R432008413	8	3
13	Silencer for B40 Valve: MBx1	5324002000	10	1
13	Silencer for manifold for B40; M12x1	5324002020	10	1
13	Single station manifold for B40; single station subbase	R432008744	5	1
13	Tube nut kit 1/4" for B40 valve; 2/pkg	R432015689	2	1
13	Wireway end cap assembly; B40 valve	R432008829	5	1
13	Wireway segment; B40 valve	R432008679	8	3
Ceram™ ISO 5599/1 Valves				
14	CERAM S2.1 AP (GT-010050-0333)/S/2 double air pilot	R432006392	5	1
14	CERAM S2.1 AP (GT-010050-0340)/S/2 single air pilot	R432006393	5	1
14	CERAM S2.1 CC (GT-010042-0263)/S/3 closed cr., Int pilot, 120 VAC	R432006382	5	1
14	CERAM S2.1 CC (GT-010042-0414)/S/3 closed cr., Int pilot, 24 VDC	R432006386	5	1
14	CERAM S2.1 CC less Coils (GT-010042-0000)/S/3 closed cr., Int pilot	R432002473	5	1
14	CERAM S2.1 DS (GT-010042-0242)/S/2 double sol., Int pilot, 120 VAC	R432006471	5	1
14	CERAM S2.1 DS (GT-010042-0393)/S/2 double sol., Int pilot, 24 VDC	R432006474	5	1
14	CERAM S2.1 DS less Coils (GT-010042-0000)/S/2 double sol., Int pilot	R432002479	5	1
14	CERAM S2.1 OC (GT-010032-0262)/S/3 open cr., Int pilot, 120 VAC	R432006345	5	1
14	CERAM S2.1 OC (GT-010032-0411)/S/3 open cr., Int pilot, 24 VDC	R432006368	5	1
14	CERAM S2.1 OC less Coils (GT-010032-0000)/S/3 open cr., Int pilot	R432002472	5	1
14	CERAM S2.1 SS (GT-010061-0244)/S/2 single sol., Int pilot, 120 VAC	R432006435	5	1
14	CERAM S2.1 SS (GT-010061-0245)/S/2 sgl. sol., Int pilot, 120 VAC, air spr. res.	R432006436	5	1
14	CERAM S2.1 SS (GT-010061-0394)/S/2 single sol., Int pilot, 24 VDC	R432006441	5	1
14	CERAM S2.1 SS (GT-010061-0395)/S/2 sgl. sol., Int pilot, 24 VDC, air spr. res.	R432006442	5	1
14	CERAM S2.1 SS less Coils (GT-010061-0004)/S/2 single sol., Int pilot	R432002477	5	1
14	CERAM S2.2 CC (GS-020042-0262)/S/3 closed cr., Int pilot, 120 VAC	R432006076	5	1
14	CERAM S2.2 CC (GS-020042-0411)/S/3 closed cr., Int pilot, 24 VDC	R432006079	5	1
14	CERAM S2.2 DS (GS-020042-0000)/S/2 double sol., Int pilot	R432002443	5	1
14	CERAM S2.2 DS (GS-020042-0242)/S/2 double sol., Int pilot, 120 VAC	R432006156	5	1
14	CERAM S2.2 DS (GS-020042-0393)/S/2 double sol., Int pilot, 24 VDC	R432006158	5	1
14	CERAM S2.2 DS less Coils (GS-020042-0000)/S/2 double sol., Int pilot	R432002442	5	1
14	CERAM S2.2 SS (GS-020061-0244)/S/2 single sol., Int pilot, 120 VAC	R432006124	5	1
14	CERAM S2.2 SS (GS-020061-0394)/S/2 single sol., Int pilot, 24 VDC	R432006130	5	1
14	CERAM S2.2 SS less Coils (GS-020061-0004)/S/2 single sol., Int pilot	R432002447	5	1
14	CERAM S2.3 CC (GS-030042-0262)/S/3 closed cr., Int pilot, 120 VAC	R432006196	5	1
14	CERAM S2.3 CC (GS-030042-0411)/S/3 closed cr., Int pilot, 24 VDC	R432006199	5	1
14	CERAM S2.3 DS (GS-030042-0242)/S/2 double sol., Int pilot, 120 VAC	R432006265	5	1
14	CERAM S2.3 DS (GS-030042-0393)/S/2 double sol., Int pilot, 24 VDC	R432006267	5	1

Maximum Quantity

Maximum Shipment Days (business days after receipt of order)

- In addition to the printed catalog, the latest Quick Ship information is available online. The main Quick Ship Internet page is at: www.aventics.com/QuickShip
- Links to specific product pages are formatted like: www.aventics.com/QuickShip/MNI

Main page

Part Number	Description	Max.Order Qty.	Shipment (Days)
0822032202	MNI-DA-016-0025 Series MNI cyl., dbl. acting 16mm bore x 25mm stroke	5	1
0822032203	MNI-DA-016-0050 Series MNI cyl., dbl. acting 16mm bore x 50mm stroke	5	1
0822032204	MNI-DA-016-0080 Series MNI cyl., dbl. acting 16mm bore x 80mm stroke	5	1
0822032202	MNI-DA-020-0025 Series MNI cyl., dbl. acting 20mm bore x 25mm stroke	5	1
0822032203	MNI-DA-020-0050 Series MNI cyl., dbl. acting 20mm bore x 50mm stroke	5	1
0822032205	MNI-DA-020-0100 Series MNI cyl., dbl. acting 20mm bore x 100mm stroke	5	1
0822034202	MNI-DA-025-0025 Series MNI cyl., dbl. acting 25mm bore x 25mm stroke	5	1
0822034203	MNI-DA-025-0050 Series MNI cyl., dbl. acting 25mm bore x 50mm stroke	5	1

Sample product page

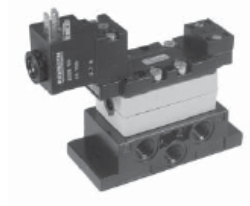
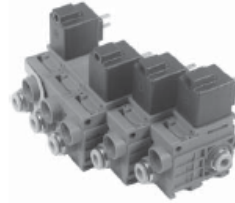
Air Preparation

- Series MU1 Pressure Regulator
- Series AS2, AS3 & AS5 Air Preparation
- Series NL-C (Combi) Air Preparation
- Vacuum Products



Pneumatic Valves

- Series 579 Directional Control
- Series 581 ISO 5599/1 Directional Control
- Series 740 Directional Control
- Series 840 Directional Control
- Ceram™ ISO 5599/1 Directional Control
- Series AP Directional Control

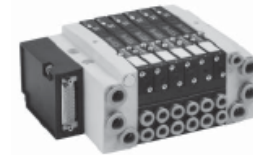


Pneumatic Valves (cont.)

- Series ST (Stainless Steel) Directional Control



- Series HF03-LG Directional Control Manifolds



- Series TC08 & TC15 Directional Control



- Series CD04 Directional Control



- Series ED02 & ED05 Electro-Pneumatic Pressure Control



Pneumatic Actuators

- Series M Mini Cylinders



- Series MNI Metric ISO 6432 Mini Cylinders



- Series PRA & TRB ISO 15552 Cylinders



- Series RTC Rodless Cylinders



- TaskMaster[®] NFPA Compatible Cylinders



Pneumatic Accessories

- Series PE5 Pressure Switches
- Flow Controls (inch & metric)
- Fittings & Tubing (inch & metric)
- Silencers (inch & metric)



- Use AVENTICS Quick Ship products in your next project to insure availability of quality pneumatics products! Save time by knowing that these products are readily available.
- Save design time using our online calculation tools for sizing, to efficiently size your components. Use our online product configurators for custom valve manifolds, cylinders and air prep assemblies – save time and reduce errors, get a part number and CAD drawings quickly.

