

Control Valve & Accessories Ordering Instructions

Complete the order form, and email it to Hygrade NZ.

When completing your order form, please include as much detail as possible.

Specifically, always include the following:

- Product model number
- Globe or angle pattern
- End connections
- Valve size

Please note that some products will require additional information, refer to the specific product page sheet for clarification.

PARTS AND REPAIR KITS

To order Parts and Repair Kits, please complete the order form and include the following information:

- Valve model
- Revision
- Valve size (inches or millimeters)
- Maximum inlet pressure (psi or bar)
- Serial number

This information can be found on the identification plate on the product.

Essential information required includes valve function, material, pressure rating, end connections, pilot controls, and control adjustment ranges.

TO SPECIFY SINGER® PRODUCTS

Singer® Specifications are set up in a modular fashion.

1. Select the product you require. Refer to the specification which accompanies that product.
2. Refer to the Main Valves section. Add the specification for the Singer® Main Valve Body selected.
3. Refer to the Main Valves Options section. Add the addendum to your Main Valve specification (*if applicable*).
4. Refer to the Pilots & Accessories section. Add the specification for the Singer® pilot and/or accessory selected (*if applicable*).

		REV.
MODEL		
SIZE	IN.	MAX INLET PSI
SER. NO		

Identification Plate Sample

Control Valve & Accessories Form

1. Valve size mms inches

2. Body Port

106 (full port)
206 (reduced port)

i.e. D = 4" D minus one pipe size, i.e. 3"

3. End connections

BSPT	ANSI 150	ISO PN10	AS PN16
	ANSI 300	ISO PN 16	AS PN25
	NPT	ISO PN 25	AS PN35
		ISO PN 40	Victaulic

4. Body Orientation & Installation

S1 S2 S3 A1 A2 A3

5. Pilot System Orientation

Standard Opposite

6. Main Valve Shell Materials

ASTM A536 Ductile Iron (standard)
AISI Stainless Steel 316
NAB (nickel alum, bronze)
ASTM A536 Ductile Iron & NAB (nickel alum, bronze)

7. Main Valve Internal Materials

AISI sst 316 seat & stem, other internals are ASTM A536 coated Ductile Iron, B62 Bronze, AISI 303 Sst, B16 Brass (standard)
All sst (AISI 302, 303, 316)
NYM - no yellow metals (any brass or bronze internals are replaced with sst 303)

8. Elastomer
EPDM diaphragm & res disc, buna-N orings (standard)
Other:

9. Function / Model (i.e. PR, BPC, R, etc)
Model:
Dwg / Schematic (if known):

**Common valve functions are listed below and on the right*
**For each instance a function shows up on your valve model you must provide the information asked for.*

For example: Model PR-C-R-SC
PR must give range of reducing pilot
C no info needed
R must give range of sustaining pilot
SC must give voltage, max pressure & power fail position

PR - Pressure Reducing
pilot range

R, RPS - Sustaining / Relief
sust/high surge pilot range

S, SM - Downstream Surge
pilot range

L&H - Low & High Pressure
high level pilot range

A-1, A-2 - Altitude
pilot range

A3, A-4 - Altitude
high level pilot range
drawndown pilot range

RF - Rate of Flow
range to usgpm (1:2 ratio)

BPC, DW, DWX - Pump Control
voltage vac or vdc
max pressure to valve inlet psi

SC Solenoid
voltage vac or vdc
max pressure to valve inlet psi
fail open, closed or last pos

AC - Anti Cavitation. *Must fill out AC form A0680C.*

PC, C, F-4, F-5, IDC, HC, SIV. *No specific info needed.*

Other function
Please specify

Control Valve & Accessories Form

10. Tubing & Fittings

ASTM B280 rigid copper tubing & brass B16 fittings (standard)
 AISI sst 316 rigid tubing & sst 316 fittings
 Sst 304 braided teflon hose with brass B16 ends & brass B16 fittings
 Sst 304 braided teflon hose with sst 316 ends & sst 316 fittings

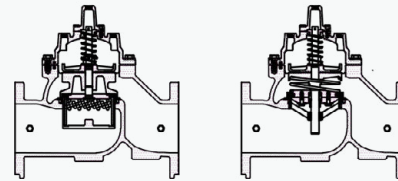
11. Pilot System Materials

B16 brass, AISI sst 303, bronze B62 & ASTM A536 ductile iron
 All stainless steel (AISI 302, 303 & 316)
 Other:

12. Regulatory / Approvals

N/A	AIS
Lead free (LF) compliant	Other

13. Optional Internal Accessories



Anti-cavitation (AC) trim

Internal mech. check (IDC)

14. Main Valve Coating

Interior & exterior NSF approved 8-10 mils dry fill thickness fusion epoxy (on ductile iron only),
 Other:

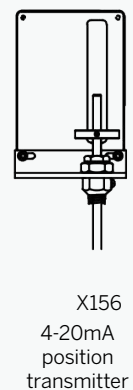
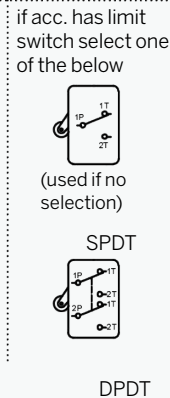
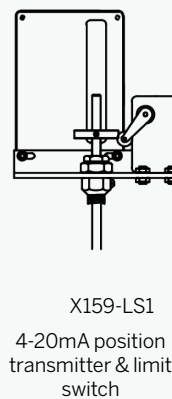
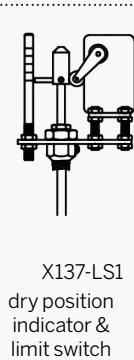
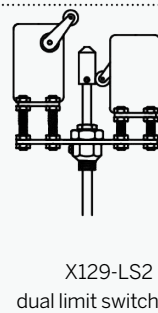
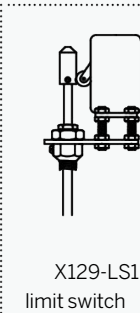
15. Optional External Stem Mounted Accessories

Material of mounting hardware & bracketry (excluding any electrical equipment)

N/A

Brass B16 Sst 303/316

Sst 303/316



16. Optional Speed Controls

Opening	Closing	N/A
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18. Optional Pilot Strainer

Include Strainer	Other:	N/A
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17. Optional Pilot Ball Valves

Include all optional b.valves	N/A
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19. Other information:

Name :
 Email :
 Phone :

SEND TO EMAIL