

Function	Port size	Flow (Max)	Individual Mounting	Series
<b>3/2 NO-NC</b>	<b>G 1/4" – G3/8"</b>	<b>2000 NI/min</b>	<b>Inline</b>	<b>53</b>

## OPERATIONAL BENEFITS

1. The 4-way pilot develops maximum shifting forces both ways
2. Memory spring available
3. Balanced spool, immune to variations of pressure, also provides high flow
4. Short stroke with high flow
5. Bonded spool with minimum friction, shifting in a glass-like finished bore
6. Pilot with balanced poppet, high flow, short and consistent response times.
7. Wiping effect eliminates sticking
8. Long service life



## HOW TO ORDER

Port size	Pilot air	NC Valve	NO Valve
<b>G1/4"</b>	Internal	53A-1AC- <b>xx-xxxx-xxx</b>	53A-2AC- <b>xx-xxxx-xxx</b>
<b>G3/8"</b>		53A-1AD- <b>xx-xxxx-xxx</b>	53A-2AD- <b>xx-xxxx-xxx</b>
<b>G1/4"</b>	External from 10 end	53A-1BC- <b>xx-xxxx-xxx</b>	53A-2BC- <b>xx-xxxx-xxx</b>
	from 12 end	53A-1CC- <b>xx-xxxx-xxx</b>	53A-2CC- <b>xx-xxxx-xxx</b>
<b>G3/8"</b>	External from 10 end	53A-1BD- <b>xx-xxxx-xxx</b>	53A-2BD- <b>xx-xxxx-xxx</b>
	from 12 end	53A-1CD- <b>xx-xxxx-xxx</b>	53A-2CD- <b>xx-xxxx-xxx</b>

## SOLENOID OPERATOR

DM – D **XX X** – **X XX**

XX	Voltage	X	Wire length	X	Manual Operator	XX	Electrical connection
<b>JA</b>	110V~/50Hz	<b>A</b>	45 cm	<b>1</b>	Non locking	<b>BA</b>	Flying leads
<b>JB</b>	220V~/50Hz	<b>B</b>	60 cm	<b>2</b>	Locking	<b>KA</b>	Mini square connector
<b>JC</b>	24V~/50Hz	<b>J†</b>	15 cm			<b>KD</b>	Mini square connector with light
<b>FB</b>	24V=/1,8W					<b>JB</b>	Rectangular connector
<b>DA</b>	24V=/5,4W					<b>JD</b>	Rectangular connector with light
<b>DF</b>	24V=/ 12,7W						

† For use with "J" and "K" type connectors

GM – G **XX X** – **X XX**

XX	Voltage	X	Wire length	X	Manual Operator	XX	Electrical connection
<b>DC</b>	24V=/1,8W	<b>A</b>	45 cm	<b>1</b>	Non locking	<b>BA</b>	Flying leads
<b>DD</b>	24V=/2,5W	<b>B</b>	60 cm	<b>2</b>	Locking	<b>BT</b>	Flying leads with light
<b>DF</b>	24V=/4,0W	<b>C</b>	90 cm			<b>KA</b>	Solenoid plug-in wire assembly
						<b>KT</b>	Solenoid plug-in wire assembly with light
						<b>GA</b>	MAC JAC solenoid plug-in wire assembly

## OPTIONS

53A- **X** AC-**xx-xxxx-xxx**

For Memory spring

Replace by **5** (Normally closed)

Replace by **6** (Normally open)

## TECHNICAL DATA

<b>Fluid:</b>	Compressed air, inert gases
<b>Pressure range:</b>	Internal pilot: 1,3 to 8 bar External pilot: Vacuum to 8 bar
<b>Lubrication:</b>	Not required, if used select a medium aniline point lubricant (between 80°C and 100°C)
<b>Filtration:</b>	40µ
<b>Temperature range:</b>	-18°C to +50°C
<b>Orifice:</b>	8,5 mm
<b>Flow:</b>	G1/4" : 1700 NI/min (Cv 1.7) – G3/8" : 2000 NI/min (Cv 2.0)
<b>Coil:</b>	Epoxy encapsulated - Class A wires – 100% ED
<b>Voltage range:</b>	-15% to +10% of nominal voltage
<b>Protection:</b>	Consult factory
<b>Power:</b>	1,0 to 5,4W (Higher wattages available)

Options: NPTF threads

## DIMENSIONS

