

**JOUCOMATIC**

**SPOOL VALVES**  
**air operated**  
 ISO 15407-1 - VDMA 24563  
 subbase-mounted body



**2x3/2-5/2-5/3**

Series

**539**

Type

ISO size 01 (26 mm)

**GENERAL**

<b>Fluid</b>	Air or neutral gaz, filtered, lubricated or not
<b>Operating pressure</b>	-0,950 to 10 bar
<b>Pilot pressure</b>	See "specifications"
<b>Ambient temperature</b>	-10 °C to +60 °C
<b>Flow (Qv at 6 bar)</b>	1150 l/min (ANR)
<b>- conforming to ISO 6358</b>	C = 5,8 x 10 <sup>-8</sup> m <sup>3</sup> /s.Pa (sonic conductance) b = 0,28 (absolute static pressure)
<b>Subbase</b>	Single or joinable subbases

**CONSTRUCTION**

<b>Body</b>	Injected aluminium
<b>Top cover, end covers</b>	PAA (polyarylamide)
<b>Internal parts</b>	POM (polyacetal) and aluminium
<b>Seals</b>	NBR (nitrile)



**SPECIFICATIONS**

function	symbol	operators		pilot pressure (bar)		catalogue number
		pilot (14)	return (12)	min.	max.	
<b>2x 3/2</b>	<b>NC-NC</b> 	air	spring	2,5	10	<b>53902160</b>
	<b>NO-NO</b> 	air	spring	2,5	10	<b>53902159</b>
	<b>NC-NO</b> 	air	spring	2,5	10	<b>53902162</b>
<b>5/2</b>		air	spring	2,5	10	<b>53902158</b>
		air	differential	2	10	<b>53902001</b>
		air	air	1	10	<b>53902002</b>
<b>5/3</b>		air operated pressure held <b>W1</b>		2,5	10	<b>53902003</b>
		air operated pressure applied <b>W2</b>		2,5	10	<b>53902004</b>
		air operated pressure release <b>W3</b>		2,5	10	<b>53902005</b>

**SUBBASES**

subbase	size	raccordement	description	port connection			catalogue number
				1-3-5	2-4	12-14	
single subbase	ISO 01	side	subbase	G 1/4	G 1/4	M5	<b>35500526</b>
joinable subbases		see P568-4					

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