

Variations

● Standard ○ Option ▲ Made to order (Refer to page 34.)

Response Time

Series	Seal type	Model	Type of actuation	Response time [ms] (at 0.5 MPa)*1					
				Standard			Quick response type		
				Without light/ surge voltage suppressor	With light/surge voltage suppressor		Without light/ surge voltage suppressor	With light/surge voltage suppressor	
					S/Z type	R/U type		S/Z type	R/U type
SY3000	Rubber seal	SY31□0	2-position single	15 or less	20 or less	15 or less	12 or less	15 or less	12 or less
	Metal seal	SY31□1		15 or less	20 or less	15 or less	12 or less	15 or less	12 or less
	Rubber seal	SY32□0	2-position double	12 or less	15 or less	12 or less	10 or less	13 or less	10 or less
	Metal seal	SY32□1		12 or less	15 or less	12 or less	10 or less	13 or less	10 or less
	Rubber seal	SY33/4/5□0	3-position	18 or less	22 or less	18 or less	14 or less	18 or less	14 or less
	Metal seal	SY33/4/5□1		18 or less	22 or less	18 or less	14 or less	18 or less	14 or less
	Rubber seal	SY3A/B/C□0	4-position dual 3-port valve	18 or less	22 or less	18 or less	15 or less	19 or less	15 or less
SY5000	Rubber seal	SY51□0	2-position single	24 or less	31 or less	24 or less	18 or less	25 or less	18 or less
	Metal seal	SY51□1		24 or less	31 or less	24 or less	18 or less	25 or less	18 or less
	Rubber seal	SY52□0	2-position double	12 or less	15 or less	12 or less	10 or less	13 or less	10 or less
	Metal seal	SY52□1		12 or less	15 or less	12 or less	10 or less	13 or less	10 or less
	Rubber seal	SY53/4/5□0	3-position	30 or less	34 or less	30 or less	24 or less	28 or less	24 or less
	Metal seal	SY53/4/5□1		28 or less	30 or less	28 or less	23 or less	25 or less	23 or less
	Rubber seal	SY5A/B/C□0	4-position dual 3-port valve	35 or less	42 or less	35 or less	28 or less	35 or less	28 or less
SY7000	Rubber seal	SY71□0	2-position single	47 or less	58 or less	53 or less	42 or less	52 or less	44 or less
	Metal seal	SY71□1		39 or less	48 or less	39 or less	34 or less	43 or less	34 or less
	Rubber seal	SY72□0	2-position double	18 or less	19 or less	19 or less	18 or less	17 or less	17 or less
	Metal seal	SY72□1		17 or less	17 or less	16 or less	16 or less	16 or less	16 or less
	Rubber seal	SY73/4/5□0	3-position	52 or less	54 or less	47 or less	42 or less	46 or less	40 or less
	Metal seal	SY73/4/5□1		38 or less	45 or less	39 or less	33 or less	38 or less	34 or less
	Rubber seal	SY7A/B/C□0	4-position dual 3-port valve	52 or less	60 or less	54 or less	49 or less	53 or less	48 or less

*1 Based on dynamic performance test, JIS B 8419-2010 (Coil temperature: 20°C, at rated voltage)

Since the response time of the external pilot type of the 4-position dual 3-port valve differs from the above table, please contact SMC.

Chart

Valve
Specifications

Valve
Construction

Valve
Replacement
Parts

With Residual
Pressure
Release Valve

Vacuum
Release Valve
with Restrictor

With
Pressure
Sensor

Made to
Order

Connector
Connecting Base

Metal Base

Sub-plate

Specific
Product
Precautions