

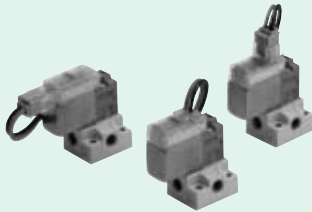
# 3 Port Solenoid Valves

## 3 Port

### V100

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Rubber seal



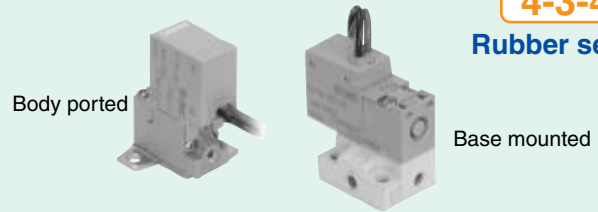
Model	Sonic conductance: C	Power consumption (W)	Applicable in vacuum use
<b>Standard type</b>	0.037 dm <sup>3</sup> /(s·bar)	0.35	-100 kPa
<b>Large flow type</b>	0.076 dm <sup>3</sup> /(s·bar)	1	

## 3 Port

### SY100

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Rubber seal



Model	Sonic conductance: C	Power consumption (W)	Applicable in vacuum use
<b>Standard type</b>	0.14 mm <sup>2</sup> *	0.5	-100 kPa
<b>Large flow type</b>	0.22 mm <sup>2</sup> *		

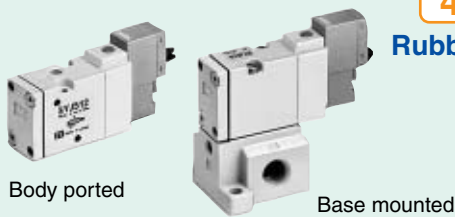
\* Values in terms of effective area (S)

## 3 Port

### SYJ300/500/700

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Rubber seal



Model	Sonic conductance: C	Power consumption (W)	Applicable in vacuum use
<b>SYJ300</b>	0.36 dm <sup>3</sup> /(s·bar)	0.5	-100 kPa
<b>SYJ500</b>	1.2 dm <sup>3</sup> /(s·bar)		
<b>SYJ700</b>	2.7 dm <sup>3</sup> /(s·bar)		

## 3 Port Direct Operated Poppet

### VK300

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Rubber seal



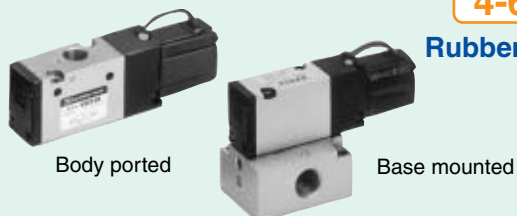
Model	Sonic conductance: C	Power consumption (W)	Applicable in vacuum use
<b>VK300</b>	0.80 dm <sup>3</sup> /(s·bar)	4	-101.2 kPa

## 3 Port

### VZ100/300/500

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Rubber seal



Model	Sonic conductance: C	Power consumption (W)	Applicable in vacuum use
<b>VZ100</b>	0.19 dm <sup>3</sup> /(s·bar)	1.8	-100 kPa
<b>VZ300</b>	1.2 dm <sup>3</sup> /(s·bar)		
<b>VZ500</b>	2.7 dm <sup>3</sup> /(s·bar)		

## 3 Port Direct Operated Poppet

### VT307/317/325

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Rubber seal



Model	Sonic conductance: C	Power consumption (W)	Applicable in vacuum use
<b>VT307</b>	0.71 dm <sup>3</sup> /(s·bar)	4.8	-101.2 kPa
<b>VT317</b>	2.6 dm <sup>3</sup> /(s·bar)	6.0	
<b>VT325</b>	6.1 dm <sup>3</sup> /(s·bar)	12	

C and S in the table are the representative values for 2 → 3(A → R).

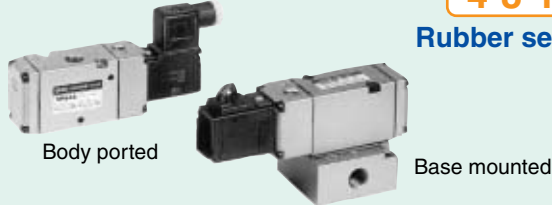
# 3 Port Solenoid Valves

## 3 Port Pilot Poppet

### VP300/500/700

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Rubber seal



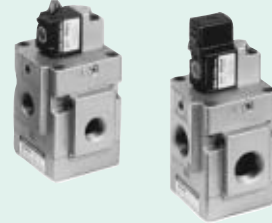
Model	Sonic conductance: C	Power consumption (W)	Applicable in vacuum use
VP300	4.1 dm <sup>3</sup> /(s·bar)	1.8	-101.2 kPa
VP500	9.3 dm <sup>3</sup> /(s·bar)		
VP700	16 dm <sup>3</sup> /(s·bar)		

## 3 Port Pilot Poppet

### VG342

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Rubber seal



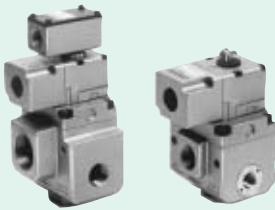
Model	Sonic conductance: C	Power consumption (W)	Applicable in vacuum use
VG342	38 dm <sup>3</sup> /(s·bar)	4.8	-101.2 kPa

## Large Size 3 Port

### VP3145/3165/3185

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Rubber seal



Model	Sonic conductance: C	Power consumption (W)	Applicable in vacuum use
VP3145	26 dm <sup>3</sup> /(s·bar)	12	-101.2 kPa
VP3165	330 mm <sup>2</sup> *		
VP3185	670 mm <sup>2</sup> *		

\* Values in terms of effective area (S)

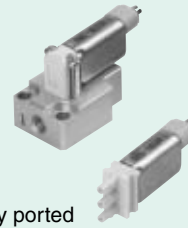
## 3 Port

### S070

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Base mounted

Body ported



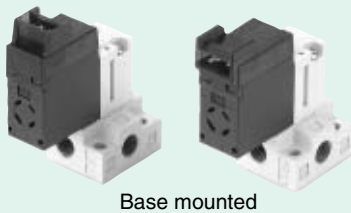
Model	Sonic conductance: C	Power consumption (W)
S070	0.083 dm <sup>3</sup> /(s·bar)	0.35

## 3 Port

### VQ100

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Metal seal



Model	Sonic conductance: C	Power consumption (W)
Standard type	0.055 dm <sup>3</sup> /(s·bar)	1.0
Large flow type	0.14 dm <sup>3</sup> /(s·bar)	

## 3 Port

### VKF300

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Rubber seal

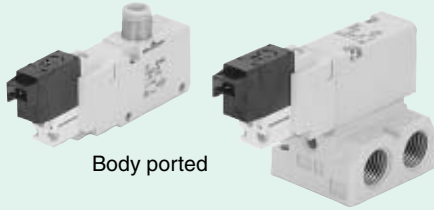


Model	Sonic conductance: C	Power consumption (W)	Applicable in vacuum use
VKF300	0.68 dm <sup>3</sup> /(s·bar)	4.0	-101.2 kPa

■ 3 Port

VQZ100/200/300

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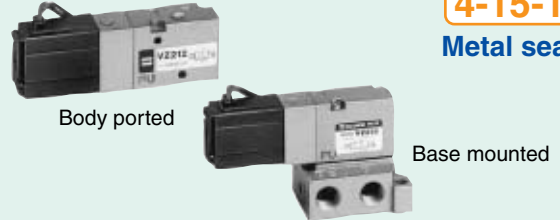
Metal seal  
Rubber seal

Model	Sonic conductance: C	Power consumption (W)
VQZ100	1.0 dm <sup>3</sup> /(s·bar)	1.0
VQZ200	3.0 dm <sup>3</sup> /(s·bar)	
VQZ300	4.5 dm <sup>3</sup> /(s·bar)	

■ 3 Port

VZ200/400

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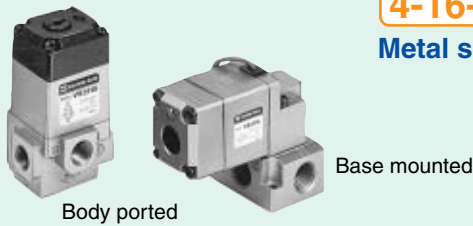
Metal seal

Model	Sonic conductance: C	Power consumption (W)
VZ200	1.0 dm <sup>3</sup> /(s·bar)	1.8
VZ400	2.4 dm <sup>3</sup> /(s·bar)	

■ 3 Port

VS3115/3110

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Metal seal

Model	Sonic conductance: C	Power consumption (W)
VS3115	3.8 dm <sup>3</sup> /(s·bar)	5.5
VS3110	4.0 dm <sup>3</sup> /(s·bar)	

■ 3 Port

VS3135/3145

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Metal seal

Model	Sonic conductance: C	Power consumption (W)
VS3135	9.0 dm <sup>3</sup> /(s·bar)	13.2
VS3145	20 dm <sup>3</sup> /(s·bar)	24.0