



**New VT307 series**  
**3 port solenoid valve**  
**Direct operated poppet type**

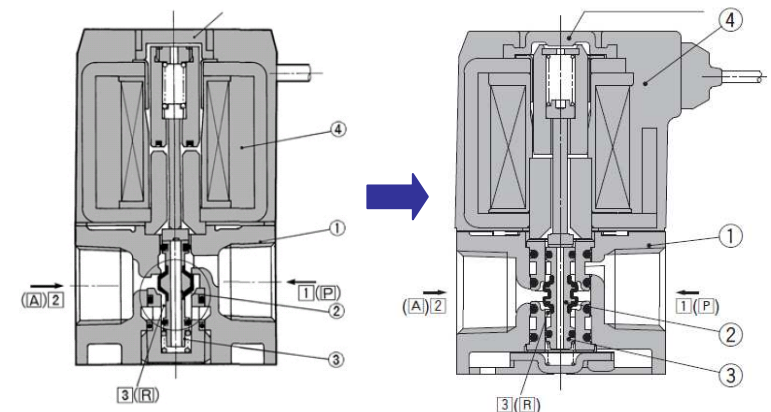
# Improved features and related benefits

**FEATURE:** The armature structure has been changed to reduce the power consumption from 4,8 W to 4 W in the standard model and from 2 W to 1,8 W in the energy-saving type,

**CUSTOMER BENEFIT:** Cost savings due to energy saving.

**FEATURE:** The rubber material for the main valve has been changed from NBR to HNBR to make it resistant to low concentration ozone.

**CUSTOMER BENEFIT:** Reduction in maintenance costs, particularly when ozone is generated in the pneumatic line.

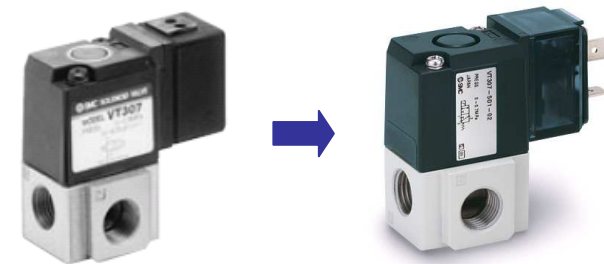


Old VT307

New VT307

**FEATURE:** External colour changed to urban white

**CUSTOMER BENEFIT:** Contribution to an improved external appearance



# Technical details

## General specifications

		Old VT307	New VT307
Operating pressure range [MPa]		0 to 0,9	0 to 0,7 (standard type); 0 to 1,0 (High-pressure type)
Ambient and fluid temperature [°C]		0 to 50	-10 to 50
Response time [ms]		20 or less	20 or less
Max. Operating frequency [Hz]		10	10
Power consumption (DC) [W]	Standard type	Without light: 4,8	Without light: 4
		With light: 5	With light: 4,2
	Energy-saving type / Continuous duty type	Without light: 2	Without light: 1,8
		With light: 2,2	With light: 2
Weight [Kg]		0,14	0,15

*The new VT307 can be mounted on the same manifold base as the old VT307*

## Flow characteristics: Q[L/min](ANR)

Valve model	Port size	1 → 2 (P → A)		2 → 3 (A → R)		3 → 2 (R → A)		2 → 1 (A → P)	
		Old VT307	New VT307	Old VT307	New VT307	Old VT307	New VT307	Old VT307	New VT307
VT307	1/8"	206	187	206	170	196	172	186	166
VT307V									
VT307E		127	102	107	116	107	120	117	91
VT307Y									
VT307W									
VT307	1/4"	206	182	215	175	206	176	225	176
VT307V									
VT307E		137	117	127	115	127	113	137	116
VT307Y									
VT307W									

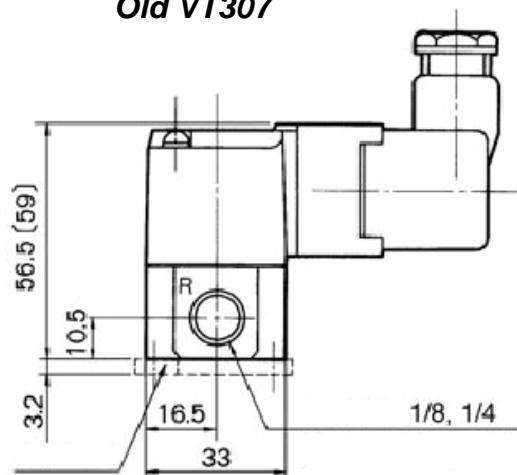
 Different specifications

# Technical details

## ■ Dimensions

*Different dimensions*

*Old VT307*



*New VT307*

