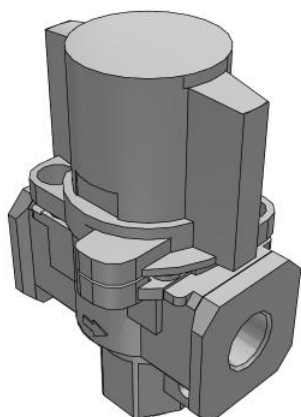




VHS20/30/40/50, Pressure Relief 3 Port Valve w/Locking Holes (Single Action)

VHS40-F03A-S

Datasheet

The VHS Series is the latest product to benefit from a design review as part of our investment in R&D to improve the performance and functionality of SMC products, as well as to develop innovations that drive energy savings and deliver competitive advantages for our customers. A result of this focus, the updated VHS features an increased flow rate of up to 45%, which means it can be used for larger applications, offering commercial benefits as customers don't have to pay for bigger and therefore, more costly valves. The new VHS Series also has two material options for the handle and bonnet; PBT resin and aluminium. The PBT resin is highly flame resistant and up to 60% lighter than the conventional all-aluminium model. Furthermore, the double action model, which prevents malfunctions, is available in two new sizes, the VHS2510 and VHS3510. Other new features include a built-in silencer to save space in the area below the valve and the mounting bracket. All this is combined with an improved look to complement the new air preparation AC Series.



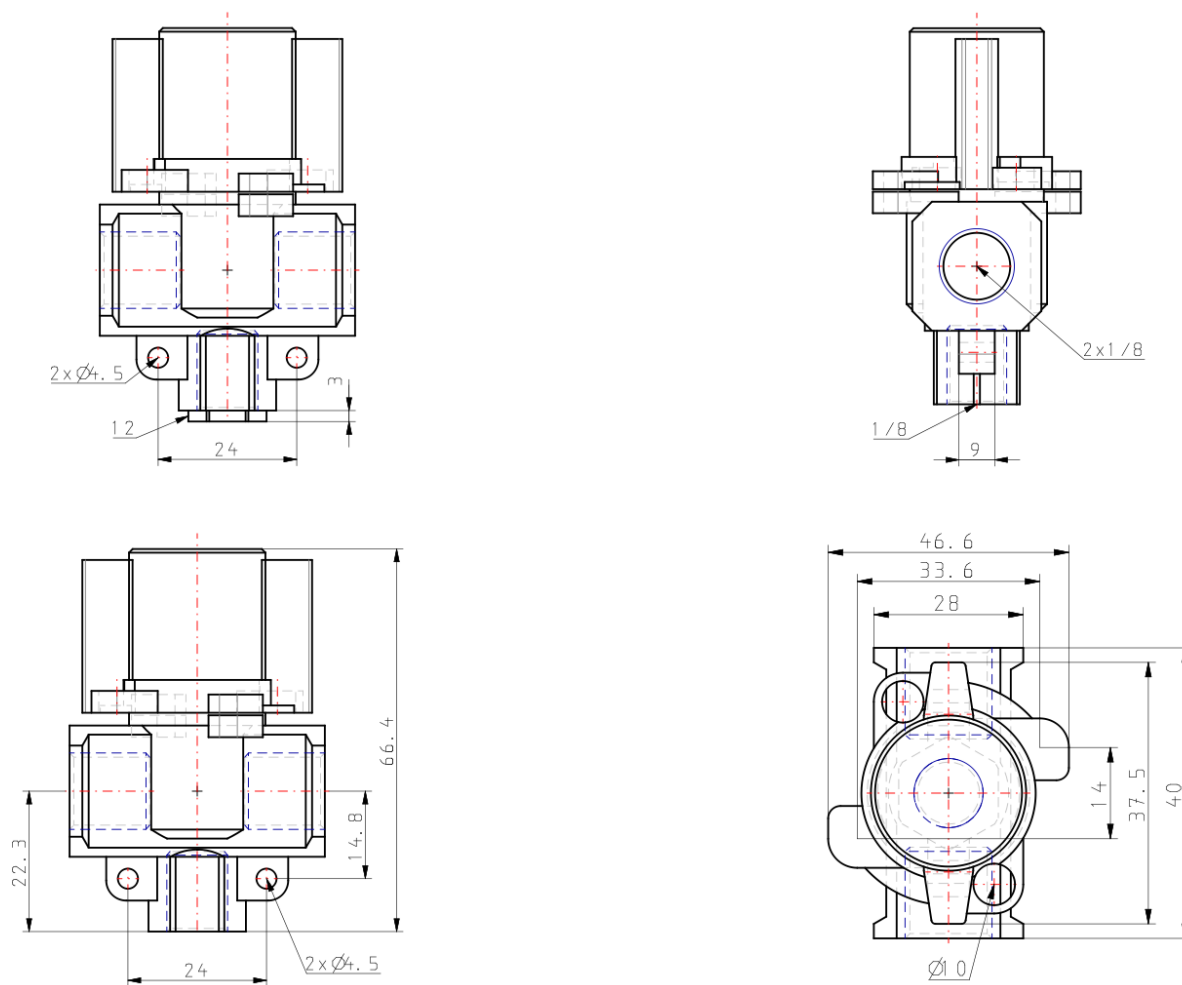
Return with general manual control

Standard specifications

Body Size	40
Thread	F (G)
Port Size	03 (3/8)
Handle/Bonnet Material	A (Flame Resistant PBT)
Options	S (Built-in Silencer, EXH Port)
Semi-standard	None
Made to Order	None
Pressure medium	Air
Maximum operating pressure	1.0 MPa
Minimum operating pressure	0.01 MPa
Proof pressure	1.5 MPa
Maximum ambient temperature	60 °C
Minimum ambient temperature	-5 °C (No freezing)
Conform to the European RoHS Directive	Conform

Approvals	No need
Paint colour	Handle: Red Body: White
Handle switching angle	90°
Weight	0.266 Kg

Dimensions



Additional information

Catalogue

[VHS-A_EU.pdf](#)

Operation manuals

[OM_VHS_Q0023EN-B.pdf](#)