





HV3 **Stop Valve**

Description

A bronze bodied globe valve for steam, water, oil or air applications. To BS 5154 Series A.

Sizes and pipe connections $\frac{1}{2}$, $\frac{3}{4}$, 1", 1 $\frac{1}{4}$, 1 $\frac{1}{2}$ " and 2" screwed BSP parallel.

Limiting conditions

Body design conditions	PN25
PMA - Maximum allowable pressure	25 bar g
TMA - Maximum allowable temperature	260°C
Designed for a maximum cold hydraulic test pressure	of 38 bar g

Operating range

ပ	260-								
ar	200-								\neg
ratı	150-	Char	T						
эdг	100-	satu	am ration						\neg
Femperature °C	50-	curv							-
'	0-	ļ		1	0	15	20	<u>า</u>	25
_		5	5		ressure ba		20	J	20

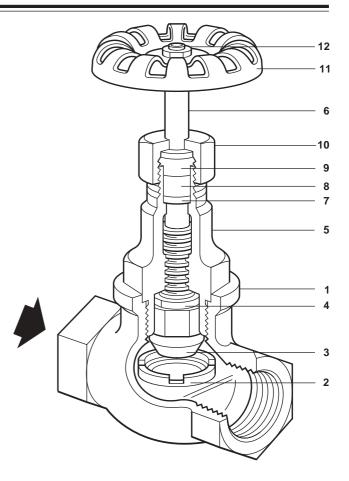
The product must not be used in this region.

Materials

Part		Material	
Body		Gunmetal	BS 1400 LG2
Valve seat		Stainless steel	AISI 431
Valve		Stainless steel	AISI 431
Lock-nut		Gunmetal	BS 1400 LG2
Bonne	et	Gunmetal	BS 1400 LG2
Stem	1⁄2" - 1"	Austenitic stainless stee	el BS 970 303 S31
	1¼" - 2"	Gunmetal	BS 1400 LG2
Washe	ər	Gunmetal	BS 1400 LG2
Gland	packing	PTFE	
Gland		Gunmetal	BS 1400 LG2
Packir	ng nut	Gunmetal	BS 1400 LG2
Handv	vheel	Aluminium D	IN 1725 GK-A1 Si 1
Handv	vheel nut	Brass	DIN 17660 MS63
	Body Valve Valve Lock-r Bonne Stem Washe Gland Gland Packir Handv	Body Valve seat Valve Lock-nut Bonnet Stem	Body Gunmetal Body Gunmetal Valve Stainless steel Valve Stainless steel Lock-nut Gunmetal Bonnet Gunmetal Bonnet Gunmetal Stem ½" - 1" 1¼" - 2" Gunmetal Washer Gunmetal Gland packing PTFE Gland Gunmetal Packing nut Gunmetal Handwheel Aluminium

K_v values

Size	1⁄2"	3⁄4"	1"	1¼"	1½"	2"
Κv	1.3	1.6	4.2	13.8	19.7	28
For co	nversion:	C _V (UK)) = K _V x 0.963	C _V (L	JS) = K _V x	1.156

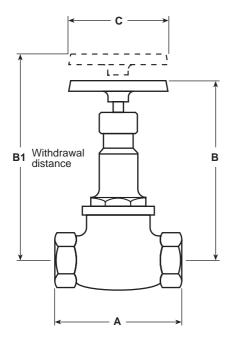


Local regulations may restrict the use of this product to below the conditions quoted. In the interests of development and improvement of the product, we reserve the right to change the specification.

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Dimensions/weights (approximate) in mm and kg					
Size	Α	В	B1	С	Weight
1⁄2"	67	102	110	60	0.60
3⁄4"	80	110	125	60	0.86
1"	95	130	146	80	1.30
1¼"	112	144	160	100	2.08
11⁄2"	132	144	160	100	2.86
2"	160	174	203	120	4.65



Installation

Install in the direction of the flow given on the body with the handwheel in a suitable position.

How to order

Example: 1 off Spirax Sarco HV3 stop valve having 11/2 BSP parallel connections.

Spare parts

The spare parts available are shown in heavy outline. Parts drawn in broken line are not supplied as spares.

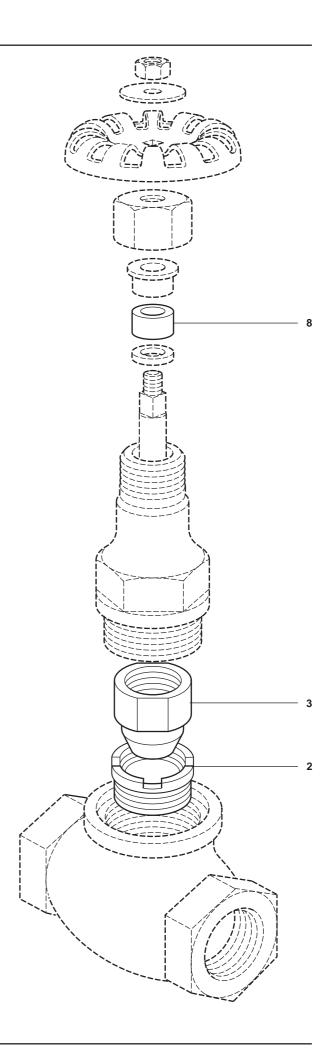
Available spares

Valve and seat assembly	2, 3
Gland packing (packet of 3)	8

How to order spares

Always order spares by using the description given in the column headed 'Available spares' and state the size and type of valve. **Example:** 1 - Valve and seat assembly for a 1" Spirax Sarco HV3 stop valve.

Note: The above spares are applicable to the HV3 stop valve only, identified by its blue handwheel. They are not interchangeable with spares for the HV1 stop valve identified by its green handwheel, or the HV2 stop valve, identified by its red handwheel.



spirax sarco

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