

# PACKED SHUT-OFF VALVES

Packed valves are so called as the stem is sealed via a packed gland. The Henry Technologies range incorporates the 7, 926, 927 and 203 series.

## Applications

Henry Technologies packed valves are used in a variety of air conditioning and refrigeration applications for isolating, flow control, charging and purging purposes.

All valves are suitable for HCFC and HFC refrigerants, along with their associated oils.

The 7761 to 7775 models are also suitable for ammonia.

## Main features

- Wide range of inlet and outlet connection sizes
- Compact
- Back-seating options allow packing replacement in-situ

## Technical Specification

Allowable operating pressure = 0 to 34.5 barg (77-B & 78 series)

Allowable operating pressure = 0 to 48.0 barg (92 brass series)

Allowable operating pressure = 0 to 31.0 barg (203 series)

Allowable operating pressure = 0 to 69.0 barg (77 steel series)

Allowable operating temperature = -29°C to +149°C  
(All valves except 203 series)

Allowable operating temperature = -40°C to +163°C  
(203 series only)

## Materials of Construction

### For 77-B, 78 and 92 brass series:-

The valve body is made from brass. The stem is made from plated steel. A metal-to-metal seat seal is used. A graphite compound is used for the packing gland. The seal cap is made from moulded plastic.

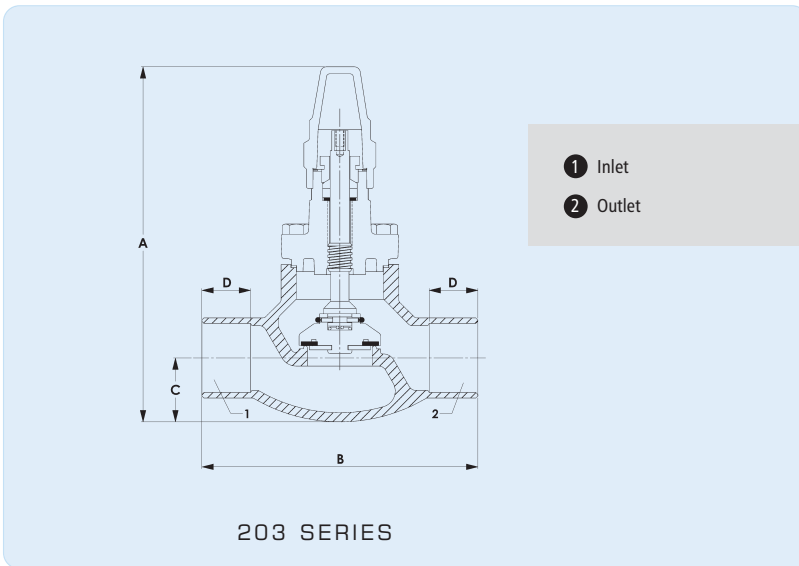
### For 203 brass series:-

The valve body and bonnet are made from bronze and brass respectively. The stem is made from stainless steel. The seat seal material is PTFE. A graphite compound is used for the packing gland. The seal cap is made from moulded plastic.

### For 77 steel series:-

The valve body is made from steel. The stem is made from plated steel. A metal-to-metal seat seal is used. A graphite compound is used for the packing gland. The seal cap is made from moulded plastic or steel.





	Part No	Conn Size (inch)	Dimensions (mm)				Weight (kg)	Kv (m³/hr)	MWP (barg)	CE Cat
			A	B	C	D				
Backseating	2030-AA	7/8 ODS	143	108	25	19	1.36	4.58	34.5	SEP
	2030-BA	1 1/8 ODS	149	124	29	24	2.13	6.40	34.5	SEP
	2031-CE	1 3/8 ODS	222	137	32	25	3.34	9.34	34.5	Cat I
	2032-CE	1 5/8 ODS	252	165	38	29	4.73	11.50	34.5	Cat I
	2033-CE	2 1/8 ODS	270	216	51	38	7.59	19.03	34.5	Cat I
	2034-CE	2 5/8 ODS	303	279	58	43	12.78	31.40	34.5	Cat I
	2035-CE	3 1/8 ODS	337	305	67	44	20	44.98	34.5	Cat I

**Installation – Main issues**

1. Valves must be protected from heat damage during installation. Full instructions are given in the Product Instruction Sheet, included with each valve.