

Smolsys Ltd. High Vacuum Components Program 2023

HV Program 2023

Valves

Series		Number	Nominal Size	Connector Type	Connector	Special	Art. Reference	Article Number
HV	FS High Vacuum Bellow Valve Female	001	025-025	1-1-0	N	---	HV-001-025-025-1-1-0-N	500100
HV	FS High Vacuum Bellow Valve Female	001	025-025	1-1-0	L	---	HV-001-025-025-1-1-0-L	500101
HV	FS High Vacuum Bellow Valve Male	002	025-025	1-1-0	N	---	HV-002-025-025-1-1-0-N	500102
HV	FS High Vacuum Bellow Valve Male	002	025-025	1-1-0	L	---	HV-002-025-025-1-1-0-L	500103
HV	FS High Vacuum Bellow Valve Female	001	050-050	1-1-0	N	---	HV-001-050-050-1-1-0-N	500104
HV	FS High Vacuum Bellow Valve Male	002	050-050	1-1-0	N	---	HV-002-050-050-1-1-0-N	500105
HV	FS High Vacuum Bellow Valve Female	001	100-100	1-1-0	N	---	HV-001-100-100-1-1-0-N	500106
HV	FS High Vacuum Bellow Valve Male	002	100-100	1-1-0	N	---	HV-002-100-100-1-1-0-N	500107

Actuators

PA	Pneumatic Actuator for VH Serie	001	025-000	3-3-0	N	---	PA-001-025-000-3-3-0-N	550100
PA	Pneumatic Actuator for VH Serie	001	025-000	3-3-0	N	NC	PA-001-025-000-3-3-0-N-NC	550101
PA	Pneumatic Actuator for VH Serie	001	050-000	3-3-0	N	---	PA-001-050-000-3-3-0-N	550102
PA	Pneumatic Actuator for VH Serie	001	050-000	3-3-0	N	NC	PA-001-050-000-3-3-0-N-NC	550103
PA	Pneumatic Actuator for VH Serie	001	100-000	3-3-0	N	NC	PA-001-100-000-3-3-0-N-NC	550105

Adapters

HA	VH Line/ Adapter Extension	001	025-025	1-1-0	N	LINE	HA-001-025-025-1-1-0-N-LINE	560100
HA	VH Line/ Adapter T-Line	001	025-025	1-1-1	N	TVER	HA-001-025-025-1-1-1-N-TVER	560101
HA	VH Line/ Adapter X-Line	001	025-025	1-1-1	N	XVER	HA-001-025-025-1-1-1-N-XVER	560102
HA	VH Line/ Adapter Plug Female	001	025-025	1-0-0	N	BSFM	HA-001-025-025-1-0-0-N-BSFM	560103
HA	VH Line/ Adapter Plug Male	001	025-025	1-0-0	N	BSMA	HA-001-025-025-1-0-0-N-BSMA	560104
HA	VH Line/ Adapter Face Seal - ISO	001	025-016	1-2-0	N	---	HA-002-025-016-1-2-0-N	560105
HA	VH Line/ Adapter Face Seal - ISO	001	025-025	1-2-0	N	---	HA-002-025-025-1-2-0-N	560106
HA	VH Line/ Adapter Face Seal - ISO	001	025-040	1-2-0	N	---	HA-002-025-040-1-2-0-N	560107
HA	VH Line/ Adapter Extension	001	050-050	1-1-1	N	LINE	HA-001-050-050-1-1-0-N-LINE	560108
HA	VH Line/ Adapter Gender Changer	001	025-025	1-1-0	N	FMMA	HA-001-025-025-1-1-0-N-FMMA	560109
HA	VH Line/ Adapter T-Line	001	050-050	1-1-1	N	TVER	HA-001-050-050-1-1-1-N-TVER	560110
HA	VH Line/ Adapter X-Line	001	050-050	1-0-0	N	BSFM	HA-001-050-050-1-1-1-N-XVER	560111
HA	VH Line/ Adapter Plug Female	001	050-050	1-0-0	N	BSMA	HA-001-050-050-1-0-0-N-BSFM	560112
HA	VH Line/ Adapter Plug Male	001	050-050	1-0-0	N	BSMA	HA-001-050-050-1-0-0-N-BSMA	560113
HA	VH Line/ Adapter Gender Changer	001	050-050	1-1-0	N	FMMA	HA-001-050-050-1-1-0-N-FMMA	560114

Sensors

Series	Number	Nominal Size	Connector Type	Connector	Special	Art. Reference	Article Number	
SE	Tritium Sensor	001	025-000	1-0-0	N		SE-001-025-000-1-0-0-A	600100

Micro Reaction Chambers

RC	Gas reaction chamber/ sealed	001	025-025	1-1-0	A		RC-001-025-025-1-0-0-A	600101
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Copper Gaskets

CW	Copper Gasket 12x5x1mm	001	025-000	0-0-0	A	CENT	CW-001-025-000-0-0-0-A-CENT	590100
CW	Copper Gasket 12x5x1mm	001	025-000	0-0-0	A	DECI	CW-001-025-000-0-0-0-A-DECI	590101
CW	Copper Gasket 12x6 x0.8mm	002	025-000	0-0-0	A	CENT	CW-002-025-000-0-0-0-A-CENT	590112
CW	Copper Gasket 12x6 x0.8mm	002	025-000	0-0-0	A	DECI	CW-002-025-000-0-0-0-A-DECI	590113
CW	Copper Gasket 16x10 x1mm	003	050-000	0-0-0	A	CENT	CW-003-050-000-0-0-0-A-CENT	590114
CW	Copper Gasket 16x10 x1mm	003	050-000	0-0-0	A	DECI	CW-003-050-000-0-0-0-A-DECI	590115

Accessories

WM	Handwheel Marker Aluminum	001	000-000	0-0-0	A	CUST	WM-001-000-000-0-0-0-A-CUST	590102
SP	Valve Spindle Spare Part Set	001	025-000	0-0-0	A	---	SP-001-025-000-0-0-0-A	590103
SP	Valve Spindle Spare Part Set	001	050-000	0-0-0	A	---	SP-001-050-000-0-0-0-A	590104
SP	Pneumatic Actuator O-Ring Set ¼"	002	025-000	0-0-0	A	---	SP-002-025-000-0-0-0-A	590105
SP	Pneumatic Actuator O-Ring Set ½"	002	050-000	0-0-0	A	---	SP-002-050-000-0-0-0-A	590106
MO	Mounting Rail 100mm length	010	100-025	0-0-0	A	---	MO-010-100-000-0-0-0-A	590107
MO	Mounting Rail 200mm length	010	200-025	0-0-0	A	---	MO-010-200-000-0-0-0-A	590108
MO	Mounting Rail 500mm length	010	500-025	0-0-0	A	---	MO-010-500-000-0-0-0-A	590109
MO	Rail Block	020	025-000	0-0-0	N	---	MO-020-025-000-0-0-0-N	590110
MO	Rail Block	020	050-000	0-0-0	N	---	MO-020-050-000-0-0-0-N	590111

How to read Article References

AA		000	000-000		0-0-0		A		AAAA	
Series		Number	Size		Connector Type		Connector		Special	
HV	High Vacuum Valve	3 digit sequential number	025	¼ Inch	1	Face Seal	S	Short	LINE	Extension
HA	High Vacuum Adapter		050	½ Inch	2	ISO KF	N	Normal	TVER	T-Line
PA	Pneumatic Actuator		100	1 inch	3	Tube Fitting	L	Long	XVER	X-Line
CW	Sealings		100	mm	4	CF			BSFM	Plug Female
WM	Marker		200	mm					BSMA	Plug Male
SP	Spare Part		500	mm					NC	Normally closed
MO	Mount				DECI	Package of 10				
SE	Sensor				CENT	Package of 100				
						CUST			Customer Specific	
						FMMA			Gender Changer	

Code: A resp. 0 is undefined (not in use resp. Not Applicable)

Price List 2023-10

Valves & Accessories

Article	Art. Reference	Article Number	Quantity	Price [CHF]/ pce	Price [CHF]/ sales unit	
High Vacuum Valve	HV-001-025-025-1-1-0-N HV-001-025-025-1-1-0-L	500100 500101	1 - 5	348.50		
			6 - 30	335.20		
			31 - 50	305.80		
			51 - 100	292.50		
	HV-001-050-050-1-1-0-N HV-001-050-050-1-1-0-L	500104 500105	1 - 5	475.00		
			6 - 30	462.50		
			31 - 50	430.00		
			51 - 100	415.50		
	HV-001-050-050-1-1-0-N	500106 500107	1 - 5	975.00		
			6 - 30	937.00		
	Pneumatic Actuator for VH Serie (Actuator only, not including valve)	PA-001-025-000-3-3-0-N	550100	1 - 30	623.20	
				31 - 50	582.00	
51 - 100				564.50		
PA-001-025-000-3-3-0-N-NC		550101	1 - 30	658.20		
			31 - 50	617.00		
			51 - 100	599.50		
PA-001-050-000-3-3-0-N		550102	1 - 30	855.10		
			31 - 50	831.80		
			51 - 100	793.30		
PA-001-050-000-3-3-0-N-NC		550103	1 - 30	895.10		
			31 - 50	871.80		
			51 - 100	833.30		
PA-001-100-000-3-3-0-N-NC		550105	1 - 5	2158.00		
			6 - 30	1982.00		
Mounting Rail		MO-010-100-000-0-0-0-N	On Request	1 - 100	On Request	
	MO-010-200-000-0-0-0-N	1 - 100		On Request		
	MO-010-500-000-0-0-0-N	1 - 100		On Request		
Rail Block	MO-020-025-000-0-0-0-N	On Request	1 - 100	On Request		
	MO-020-050-000-0-0-0-N		1 - 100	On Request		

Copper Gasket	CW-001-025-000-000-A	590100	20	2.80	28.00
	CW-001-025-000-000-A-CENT	590101	100	0.98	98.00
	CW-002-025-000-0-0-0-A	590112	20	2.80	28.00
	CW-002-025-000-0-0-0-A-CENT	590113	100	0.98	98.00
	CW-003-050-000-0-0-0-A	590114	20	3.50	35.00
	CW-003-050-000-0-0-0-A-CENT	590115	100	1.95	195.00
Tritium Sensor incl. Electronics	SE-001-025-000-1-0-0-A	On Request	1-5	On Request	

Articles not listed are available on request. Please ask for lead time and price (vacuumtec@smolsys.com)

Order Conditions:

*We sell Business to Business only.
All prices are mentioned DDP (Incoterms 2020). Tax may apply for customers outside Switzerland.
Min. Order vaule is 250CHF/order.
Smolsys Ltd. terms of trade apply for all orders.*

Please order via E-Mail
vacuumtec@smolsys.com (CH/ DE/ AUT/ UK/ CAN/ USA)
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