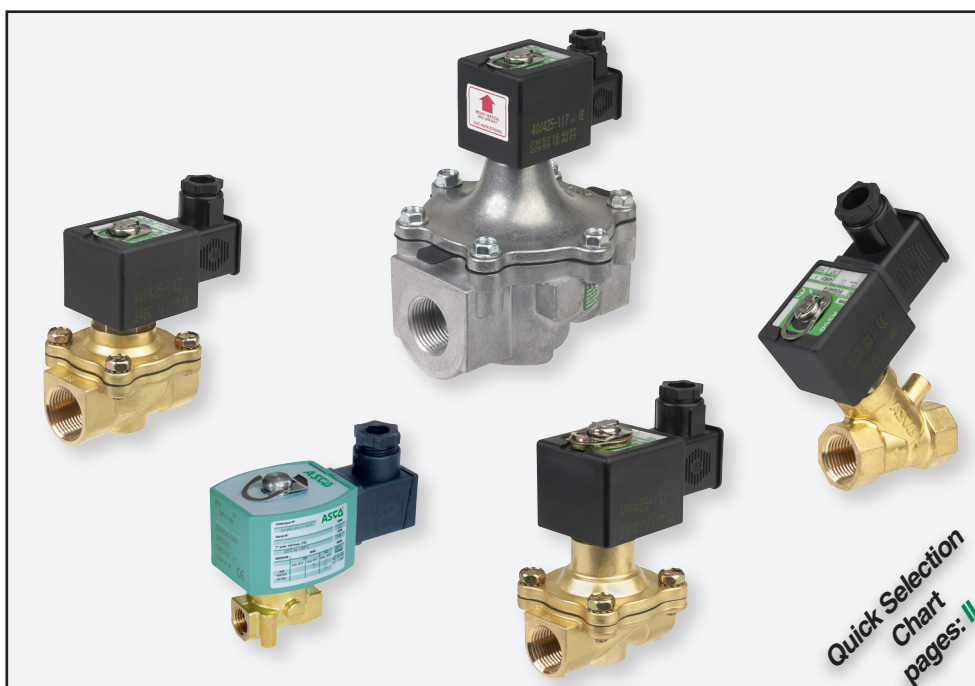


SPECIAL FLUIDS VACUUM SERVICE

Product Index



Fonction	Abs. pressure		Temperature		Pipe connections	Series	page	
	min. (mbar)	min. (Torr)	min. (°C)	max. (°C)				
SOLENOID VALVES, BRASS BODY								
NC	1,33.10 ⁻⁶	10 ⁻⁶	-25	+80	1/4	262	1	
	1,33.10 ⁻⁶	10 ⁻⁶	-20	+90	3/8 - 1/2	030	5	
NC-NO	1,33.10 ⁻⁶	10 ⁻⁶	-20	+90	3/8 .. 3/4	210	7	
2/2 NC-NO	10 ⁻⁴	7,5.10 ⁻⁵	-20	+100	Coaxial 3/8 .. 1	287	⁽¹⁾	
3/2 NC-NO	10 ⁻⁴	7,5.10 ⁻⁵	-20	+100	Coaxial 3/8 .. 1	387	⁽³⁾	
SOLENOID VALVES, ALUMINIUM BODY								
NC	1,33.10 ⁻⁶	10 ⁻⁶	-20	+90	1 .. 2	215	9	
SOLENOID VALVES, STAINLESS STEEL BODY								
2/2 NC-NO	10 ⁻⁴	7,5.10 ⁻⁵	-20	+100	Coaxial 3/8 .. 1	287	⁽¹⁾	
VALVES, BRASS BODY								
2/2 NC-NO	10 ⁻⁴	7,5.10 ⁻⁵	-20	+100	Coaxial 3/8 .. 1	287	⁽²⁾	
3/2 NC-NO	10 ⁻⁴	7,5.10 ⁻⁵	-20	+100	Coaxial 3/8 .. 1	387	⁽⁴⁾	
VALVES, BRONZE BODY								
2/2 NC-NO	1,33.10 ⁻³	10 ⁻³	-10	+184	Threaded ports ⁽¹⁾	3/8 .. 2 1/2	E290	⁽²⁾
					Flanged ⁽¹⁾	DN 25..50	T290	⁽²⁾
3/2 NC-NO	1,33.10 ⁻³	10 ⁻³	-10	+184	Threaded ports ⁽¹⁾	1/2 .. 2	E390	⁽⁴⁾
VALVES, STAINLESS STEEL BODY								
2/2 NC-NO	10 ⁻⁴	7,5.10 ⁻⁵	-20	+100	Coaxial	3/8 .. 1	287	⁽²⁾
					Threaded ports ⁽¹⁾	1/2 .. 2 1/2	E290	⁽²⁾
					External thread ⁽¹⁾	1/2..1	U290	⁽²⁾
					Ext. thread, foods connections DIN 11851 ⁽¹⁾	RD 28x1/8 .. 44x1/6	Y290	⁽²⁾
	1,33.10 ⁻³	10 ⁻³	-10	+184	Clamp / Butt welding ⁽¹⁾	DN 10..65	S290	⁽²⁾
					Threaded ports (PN40)	1/2 .. 2	E298	⁽²⁾
					Flanged (DIN and ANSI Class 300)	DN 15..50	T298	⁽²⁾
					Socket welding ends	DN 15..50	S298	⁽²⁾
3/2 U	10 ⁻²	10 ⁻²	-25	+250	Threaded ports (PN40)	1/2 .. 2	E398	⁽⁴⁾
					Flanged (DIN and ANSI Class 300)	DN 15..50	T398	⁽⁴⁾
					Socket welding ends	DN 15..50	S398	⁽⁴⁾

⁽¹⁾ With FPM disc, see: [Pressure Operated Valves \(2/2\)](#), [www.asco.com].

Solenoid Valves (2/2) ⁽¹⁾
 Pressure Operated Valves (2/2) ⁽²⁾
 Solenoid Valves / Pneumatic Valves (3/2) ⁽³⁾
 Pressure Operated Valves (3/2) ⁽⁴⁾

(Potentially explosive atmospheres, see page: II)

All leaflets are available on: www.asco.com

00120GB-2018/R01
Availability, design and specifications are subject to change without notice. All rights reserved.

pipe connections ☒ - internal thread				body material		orifice size (mm)	minimum absolute vacuum pressure (mbar)						pipe connections (°C)		power coil (W)		series	page									
M5	1/8	1/4	3/8	1/2	3/4		1	1 1/4	1 1/2	2	2 1/2	3	brass	aluminium	vacuum ≤ 25 Torr	AC (⌋) vacuum ≤ 10 ⁻³ Torr			DC (⌋) vacuum ≤ 10 ⁻⁶ Torr	vacuum ≤ 25 Torr	AC (⌋) vacuum ≤ 10 ⁻³ Torr	DC (⌋) vacuum ≤ 10 ⁻⁶ Torr	min.	max.	AC (⌋)	DC (⌋)	
NORMALLY CLOSED (NC)																											
												☒			7,1	33,3	-	1,33 10 ⁻⁶	33,3	-	1,33 10 ⁻⁶	-25	+80	8,1	10,6	262	1
												☒			9	33,3	1,33 10 ⁻³	1,33 10 ⁻⁶	-	-	-	-20	+90	10,5	-	030	5
												☒			11	33,3	1,33 10 ⁻³	1,33 10 ⁻⁶	-	-	-	-20	+90	15,4	-	030	5
												☒			19	33,3	1,33 10 ⁻³	1,33 10 ⁻⁶	-	-	-	-20	+85/90	10,5	-	210	7
												☒			41	33,3	1,33 10 ⁻³	1,33 10 ⁻⁶	-	-	-	-20	+85/90	15,4	-	215	9
												☒			53	33,3	1,33 10 ⁻³	1,33 10 ⁻⁶	-	-	-	-20	+85/90	15,4	-	215	9
NORMALLY OPEN (NO)																											
												☒			16	33,3	1,33 10 ⁻³	1,33 10 ⁻⁶	-	-	-	-20	+85/90	10,5	-	210	7
												☒			19	33,3	1,33 10 ⁻³	1,33 10 ⁻⁶	-	-	-	-20	+85/90	10,5	-	210	7
												☒			41	33,3	1,33 10 ⁻³	1,33 10 ⁻⁶	-	-	-	-20	+85/90	15,4	-	215	9
												☒			53	33,3	1,33 10 ⁻³	1,33 10 ⁻⁶	-	-	-	-20	+85/90	15,4	-	215	9

page	series	power coil (W)	operators (See Explosionproof Solenoids section)	group II				
				dusts zone 22	gas / dusts zones 1 - 21			zones 0 - 20
					3 D Ex tc	2 G Ex db 2 D Ex tb	2 G Ex eb mb 2 D Ex tb	
				III C T115°C Dc IP65X	II C T6..T4 Gb /II C Db IP66/67	II C T6..T3 Gb /Ex tb II C Db IP66/67	II C T5..T3 Gb /II C Db IP67	
				SG (M6-II)	NF (MXX) NF (M12) WSNF (MXX) WSNF (M12)	EM (M6) EM (MXX) EM (M12) WSEM (M6) WSEM (MXX) WSEM (M12)	PV (EM5) PV (EMXX)	
1	262	8,1 10,6		☒	☒	9 15,3	9 15,3	☒
5	030	10,5 15,4		☒	☒	☒	☒	☒
7	210	10,5		☒	☒	☒	☒	☒
9	215	15,4		☒	☒	☒	☒	☒