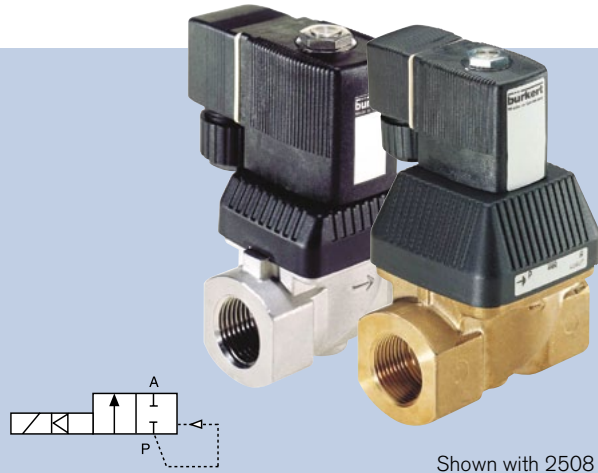


Assisted Soft-Coupled Solenoid Valve for Liquids

6213

NPT 1/4" - NPT 2", 0-145 PSI

- Zero differential pressure
- Rolling diaphragm design
- Waterhammer-free



Shown with 2508 plug

Soft-coupled, normally closed solenoid valve with a plunger piloted rolling diaphragm seal for neutral liquids to 194 °F. Its high flow waterhammer-free design allows switching from 0 PSI. For complete opening, a differential pressure of at least 1.5 PSI is required.

Technical Data

Pressure range	0-145 PSI, Max.
Temperature media	+14 °F ... +194 °F
Ambient temperature	131 °F, Max.
Body material	Brass or Stainless steel
Seal material	NBR with brass, FKM with Stainless
Coil material	Epoxy (Class H for UL, Class B for UR)
Consumption	DC: 8 W, AC: 21 VA (inrush), 12 VA (hold)
Protection class	IP65
Electrical Connection	2509 cable plug Form A (included)
Accreditations	UL Listed, FM Class 1, Div 2, CSA, CE

Options

- FKM seals on BR, NBR seals on SS
- Cables plug with LED
- Cable plug with varistor
- High performance version fully open at zero PSI differential

Envelope Dimensions [inch] (see datasheet for details)

2509 cable plug Form A included (see page 30)

Size	A	B	C
3/8"	2.17	1.48	3.25
1/2"	2.56	1.77	3.76
3/4"	3.94	2.60	4.55
1"	3.94	4.11	6.24
1 1/4"	3.94	4.11	6.42
1 1/2"	5.20	4.11	7.07
2"	5.20	4.11	7.26

Ordering Chart

Port connection [inch]	Orifice [mm]	Cv	Pressure range [PSI]	Power consumption			Item no. Voltage/Frequency [V/Hz]			
				Inrush [VA]	Hold [VA]	Hold [W]	24 V DC	24 V/60 Hz	120 V/60 Hz	240 V/60 Hz
Brass										
NPT 3/8	10	2.4	1.5 - 145	34	14	8	456 534	456 535	456 536	456 537
NPT 1/2	13	4.2	1.5 - 145	36	14	8	456 538	456 539	456 540	456 541
NPT 3/4	20	10.5	1.5 - 145	38	14	8	456 542	456 543	456 544	456 545
NPT 1	25	12.9	1.5 - 145	160	38	18	-	457 339	457 340	457 341
NPT 1 1/4	25	12.9	1.5 - 145	160	14	8	-	457 342	457 343	457 344
NPT 1 1/2	40	35.1	1.5 - 145	202	38	18	-	457 345	457 346	457 347
NPT 2	40	35.1	1.5 - 145	202	38	18	-	457 348	457 349	457 350
Stainless steel										
NPT 1/4	10	2.4	1.5 - 145	34	14	8	458 796	458 797	458 798	458 799
NPT 3/8	10	2.4	1.5 - 145	34	14	8	458 800	458 801	458 802	458 803
NPT 1/2	13	4.2	1.5 - 145	36	14	8	458 804	458 805	458 806	458 807
NPT 3/4	20	10.5	1.5 - 145	38	14	8	458 808	458 809	458 810	458 811
NPT 1	20	10.5	1.5 - 145	38	14	8	458 812	458 813	458 814	458 815