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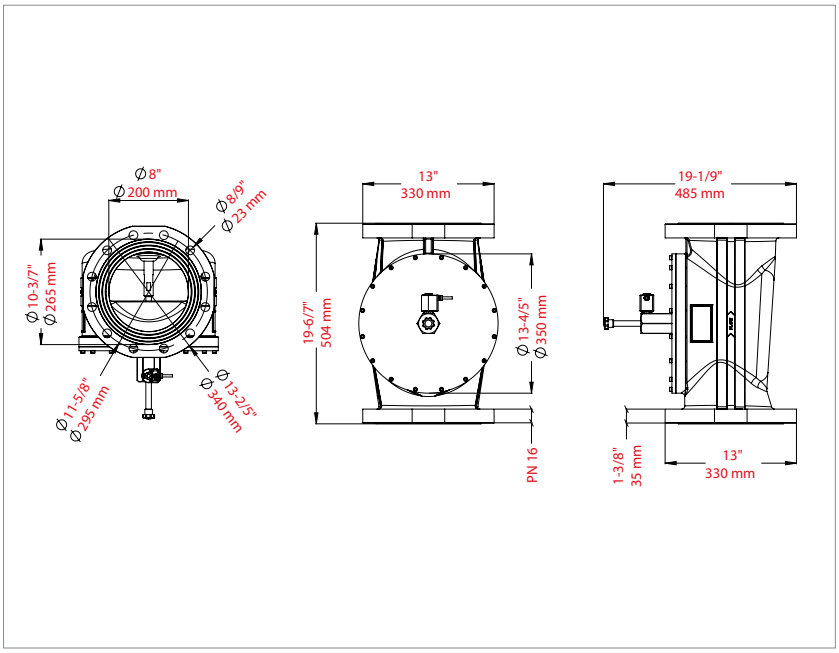
SLFDV 200 NORMALLY OPEN (NO) MANUALLY OPERATING SOLENOID VALVE 8" - Flanged - 0,5 Bar



MODEL	PIPE SIZE	DN	PN	NORM	TEMP. RANCE	MAX. PRESSURE	WEIGHT
SLFDV 200	8"	200	16	DIN	-23°C(-10°F) to +66°C (+150°F)	0,5 bar / 7 PSI	89,926 lb / 39,512 kg

Material	Min. Turning Effort	Min. Bending Moment	CV	Eqv Lenght of pipe (ft)
Aluminium Alloy / Brass / Stainless Steel	1500 Inc lbf / 169,5 Nm	200,0 Lb / 90,7 kg	759	13,3

FLOW CAPACITY TABLE IWC/PSIG - Capacity S.C.F.H

Pressure Drop		Inlet Pressure (iwc)		Inlet Pressure (psi)					
psi	iwc	8" iwc	14" iwc	3	5	7	10	20	60
0.0036	0.1	13160	13254	14301	15087	15834	16894	20024	29380
0.0072	0.2	18608	18742	20222	21334	22391	23890	28317	41549
0.0108	0.3	22788	22952	24764	26127	27422	29257	34679	50886
0.0144	0.4	26310	26499	28592	30166	31661	33780	40042	58757
0.018	0.5	29412	29624	31964	33723	35395	37765	44766	65690
0.0216	0.6	32215	32447	35011	36939	38770	41366	49036	71958
0.0252	0.7	34792	35043	37812	39895	41873	44677	52962	77722
0.0288	0.8	37190	37458	40419	42645	44761	47758	56616	83086
0.0324	0.9	39441	39726	42867	45228	47472	50652	60047	88124
0.036	1.0	41569	41870	45181	47670	50035	53388	63292	92889
0.072	2.0	58717	59142	63830	67354	70702	75446	89462	131333
0.108	3.0	71827	72348	78096	82415	86520	92335	109511	160811
0.144	4.0	82838	83441	90085	95078	99821	106541	126386	185644
0.18	5.0	92503	93178	100615	106202	111510	119029	141231	207506

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FLOW CAPACITY TABLE IWC/PSIG - Capacity m^3/h

Pressure Drop		Inlet Pressure (iwc)		Inlet Pressure (psi)					
psi	iwc	8" iwc	14" iwc	3	5	7	10	20	60
0.0036	0.1	368,48	371,11	400,43	422,44	443,35	473,03	560,67	822,64
0.0072	0.2	521,02	524,78	566,22	597,35	626,95	668,92	792,88	1163,37
0.0108	0.3	638,06	642,66	693,39	731,56	767,82	819,20	971,01	1424,81
0.0144	0.4	736,68	741,97	800,58	844,65	886,51	945,84	1121,18	1645,20
0.018	0.5	823,54	829,47	894,99	944,24	991,06	1057,42	1253,45	1839,32
0.0216	0.6	902,02	908,52	980,31	1034,29	1085,56	1158,25	1373,01	2014,82
0.0252	0.7	974,18	981,20	1058,74	1117,06	1172,44	1250,96	1482,94	2176,22
0.0288	0.8	1041,32	1048,82	1131,73	1194,06	1253,31	1337,22	1585,25	2326,41
0.0324	0.9	1104,35	1112,33	1200,28	1266,38	1329,22	1418,26	1681,32	2467,47
0.036	1.0	1163,93	1172,36	1265,07	1334,76	1400,98	1494,86	1772,18	2600,89
0.072	2.0	1644,08	1655,98	1787,24	1885,91	1979,66	2112,49	2504,94	3677,32
0.108	3.0	2011,16	2025,74	2186,69	2307,62	2422,56	2585,38	3066,31	4502,71
0.144	4.0	2319,46	2336,35	2522,38	2662,18	2794,99	2983,15	3538,81	5198,03
0.18	5.0	2590,08	2608,98	2817,22	2973,66	3122,28	3332,81	3954,47	5810,17

FLOW CAPACITY TABLE IWC/PSIG - Capacity kW

Pressure Drop		Inlet Pressure (iwc)		Inlet Pressure (psi)					
psi	iwc	8" iwc	14" iwc	3	5	7	10	20	60
0.0036	0.1	3887,46	3915,23	4224,52	4456,70	4677,36	4990,49	5915,09	8678,85
0.0072	0.2	5496,80	5536,39	5973,58	6302,06	6614,30	7057,11	8364,84	12273,57
0.0108	0.3	6731,58	6780,02	7315,29	7717,92	8100,46	8642,52	10244,18	15031,72
0.0144	0.4	7771,97	7827,80	8446,08	8911,04	9352,66	9978,61	11828,41	17356,82
0.018	0.5	8688,30	8750,93	9442,17	9961,77	10455,68	11155,78	13223,88	19404,83
0.0216	0.6	9516,31	9584,84	10342,25	10911,78	11452,66	12219,52	14485,23	21256,39
0.0252	0.7	10277,56	10351,70	11169,66	11784,98	12369,28	13197,59	15644,97	22959,08
0.0288	0.8	10985,93	11065,09	11939,77	12597,33	13222,40	14107,71	16724,37	24543,60
0.0324	0.9	11650,87	11735,06	12662,91	13360,35	14023,23	14962,60	17737,88	26031,83
0.036	1.0	12279,48	12368,40	13346,47	14081,72	14780,34	15770,82	18696,46	27439,41
0.072	2.0	17345,00	17470,55	18855,38	19896,37	20885,37	22286,75	26427,07	38795,77
0.108	3.0	21217,70	21371,60	23069,56	24345,39	25558,01	27275,76	32349,55	47503,57
0.144	4.0	24470,35	24648,47	26611,11	28086,04	29487,12	31472,21	37334,42	54839,24
0.18	5.0	27325,39	27524,78	29721,67	31372,07	32940,05	35161,17	41719,64	61297,27

CERTIFICATES	TUV Austria CE 2737 (Products Approval Standard EN 12266-1 / EN 12516-3)
APPLICATION	Gasses : Natural Gas, LPG, methane, propane, air, etc… non corrosive gaseous fluids.
INFORMATION	Experiments were carried out with air. Calculations based on gas with a density of 0.64 and a calorific value of 37 MJ/m3. The measured flow value is arranged according to 15 °C and 101.3 kPa pressure.