

VALVE SPRINGS IDENTIFICATION CHART

PartNo.	Free Length	OutSide Diameter	Inside Diameter	Wire Size	Closed Position Pressure And Length	Open Position Pressure And Length	Number Of Coils Left Or Right Hand	Solid Height
466114		1.43	.796					
466124		1.384	.804					
466134	2.170		1.055/1.060	0.162		74-84 @ 1.562	6.0 RH	0.975
466154		1.55	.780					
466164	2.115	1.138	0.780/0.810	0.148	138-158 @ 1.125	68-77 @ 1.625	7.25 RH	1.110
466174		1.475	1.061					
466204		1.260	0.876					
466224		1.539	1.125					
466274	2.237	1.080/1.090		0.142	144-160 @ 1.087	68.5-76.5 @ 1.687	7.0 RH	1.000
466354	2.120	1.215	.857	0.177	220-240 @ 1.300	85-95 @ 1.800	6.75 RH	1.194
466364		1.260	0.876					
466434		1.435	1.035					
466444		1.437	1.075					
VS-110	2.0300	1.212/1.228	0.872/888	0.170	76-84 @ 1.696	155-165 @ 1.366	7.25 RH	1.1900
VS-120	1.968	1.382	1.058	0.162	55-61 @ 1.533	98-106 @ 1.203	LH	1.020
VS-130	1.7600	1.2030	0.9630	0.120	23-29 @ 1.483	54-60 @ 1.153	8.00 LH	0.9600
VS-140	2.0900	1.354/1.374	1.00/1.02	0.177	71-79 @ 1.78	161-177 @ 1.39	7.00 LH	1.3000
VS-150	2.0000	1.394/1.414	1.01/1.03	0.192	78-88 @ 1.6875	172-184 @ 1.3125	6.25 LH	1.2031
VS-160	2.260	1.428/1.448	1.052/1.072	.188	94-104 @ 1.820	180-198 @ 1.420	6.5 LH	1.250
VS-170	2.1090	1.2200	0.8800	0.170	76-89 @ 1.696	183.5-203 @ 1.306	6.90 RH	1.1250
VS-190	1.9840	1.406	1.066	.170	56-62 @ 1.531	N/A	6.50 LH	1.1050
VS-230	2.1250	1.4531	1.0791	0.187	74-84 @ 1.82	190-208 @ 1.42	7.00 LH	1.3090
VS-250	2.0630	1.516	1.084	.216	128-140 @ 1.688	N/A	5.60 LH	1.2100
VS-270	2.0469	1.4375	1.0235	0.207	84-94 @ 1.77	225-241 @ 1.38	6.00 LH	1.2600
VS-280	2.0600	1.490/1.510	1.052/1.07	0.217/.22	80-90 @ 1.82	255-280 @ 1.32	6.00 LH	1.2600
VS-290	1.969	1.448	1.053	0.192	75-85 @ 1.670	183-192 @ 1.270	5.78 RH	1.110
VS-310	1.7600	1.050/1.065	0.768/.783	0.141	28-34 @ 1.566	99-105 @ 1.114	6.75 LH	0.9500
VS-320	2.0930	1.532/1.548	1.082/1.09	0.225	94-106 @ 1.88	303-327 @ 1.38	6.00 LH	1.3500
VS-330	2.1100	1.496/1.512	1.082/1.09	0.207	84-96 @ 1.88	210-230 @ 1.46	6.50 LH	1.3400
VS-340	2.1560	1.485	1.071	.207	80-90 @ 1.828	N/A	6.25 LH	1.2940
VS-350	1.8600	1.2250	0.8850	0.170	57-63 @ 1.64	158-174 @ 1.25	6.50 LH	1.1050
VS-360	2.5800	1.380/1.400	1.010/1.03	0.185	121-129 @ 1.86	192-208 @ 1.43	7.52 RH	1.3500
VS-365	2.1300	1.380/1.400	1.01/1.03	0.185	80-90 @ 1.74	168-182 @ 1.33	6.50 RH	1.1500
VS-380	2.0300	1.222/1.238	0.868/.884	0.177	76-84 @ 1.70	194-206 @ 1.25	6.60 RH	1.1500
VS-390	1.9000	1.226/1.242	0.872/888	0.177	56-64 @ 1.66	180-192 @ 1.27	6.70 RH	1.1700
VS-410	2.1200	1.452/1.472	1.052/1.07	0.200	85-95 @ 1.82	209-231 @ 1.38	6.625 LH	1.3200
VS-420	2.0730	1.460/1.480	1.06/1.08	0.200	79-89 @ 1.79	204-225 @ 1.34	6.375 LH	1.2700
VS-430	2.2300	1.484/1.504	1.070/1.09	0.207	100-110 @ 1.8594	236-256 @ 1.3594	6.25 RH	1.2938
VS-450	1.9400	1.390/1.405	1.050/1.06	0.170	59-65 @ 1.586	135-145 @ 1.134	5.80 LH	0.9900
VS-460	2.2000	1.384/1.404	1.00/1.02	0.192	80-88 @ 1.812	210-226 @ 1.365	6.90 RH	1.3000
VS-470	2.2300	1.364/1.384	0.990/1.01	0.187	85-93 @ 1.812	193-207 @ 1.387	7.00 RH	1.3000
VS-480	2.3750	1.140/1.155	0.828/.843	0.156	65-70 @ 1.8125	115-125 @ 1.4375	9.00 LH	1.3750
VS-490	2.0300	1.226/1.242	0.872/888	0.177	59-69 @ 1.727	158-170 @ 1.34	6.625 RH	1.2500
VS-500	2.2600	1.322/1.342	0.948/.968	0.187	95-105 @ 1.812	188-202 @ 1.437	7.25 RH	1.3558
VS-510	2.1300	1.285/1.299	0.931/.945	0.177	70-80 @ 1.727	173-187 @ 1.34	7.1250 LH	1.2600
VS-520	1.9850	1.285/1.299	0.931/.945	0.177	65-75 @ 1.727	168-182 @ 1.34	7.1250 LH	1.2600
VS-540	2.2200	1.197/1.211	0.843/.857	0.177	67-77 @ 1.89	170-184 @ 1.45	7.40 LH	1.2800
VS-550	2.2000	1.295/1.309	0.931/.945	0.182	67-77 @ 1.89	170-184 @ 1.45	6.75 LH	1.2200
VS-570	1.9400	1.212/1.228	0.872/888	0.170	59-69 @ 1.64	158-170 @ 1.26	7.00 RH	1.1500
VS-580	1.9100	1.222/1.238	0.868/.884	0.177	76-84 @ 1.61	194-206 @ 1.16	6.60 RH	1.1300
VS-584	2.0625	0.9688	0.6848	0.142	47-53 @ 1.7031	96-104 @ 1.4219	9.00 RH	1.3125
VS-590	1.9500	1.224/1.240	0.870/886	0.177	76-84 @ 1.61	196-204 @ 1.16	6.60 RH	1.1060
VS-700	2.0900	1.395/1.419	1.041/1.06	0.177	77-83 @ 1.67	144-158 @ 1.30	6.00 RH	1.0520
VS-720	1.9600	1.425/1.449	1.041/1.06	0.192	76-84 @ 1.67	180-194 @ 1.27	5.85 RH	1.1100
VS-730	2.2500	1.212/1.228	0.872/888	0.170	60-65 @ 1.946	155-165 @ 1.496	8.20 RH	1.3940
VS-740	2.0930	1.532/1.548	1.082/1.09	0.225	74-86 @ 1.88	288-312 @ 1.38	5.58 LH	1.2780
VS-750	1.4800	1.110/1.124	0.802/.816	0.154	47.5-52.5 @ 1.26	117.5-127.5 @ 0.95	5.75 RH	0.8600
VS-760	1.9100	1.340/1.370	0.996/1.02	0.172	60-68 @ 1.585	138-149 @ 1.222	6.125 RH	1.0540

VALVE SPRINGS IDENTIFICATION CHART (Cont.)

PartNo.	Free Length	OutSide Diameter	Inside Diameter	Wire Size	Closed		Open		Number Of Coils Left Or Right Hand	Solid Height
					Position	Pressure And Length	Position	Pressure And Length		
VS-780	1.9430	1.400/1.420	1.00/1.02	0.200	76-84 @	1.69	190-210 @	1.31	6.1875 LH	1.2300
VS-800	1.853	1.394	1.010	0.190	76-84 @	1.60	190-210 @	1.220	6.06 LH	0.872
VS-810	2.0600	1.384/1.404	1.00/1.02	0.191/.19	71.3-78.7 @	1.79	190-210 @	1.34	6.9375 LH	1.2550
VS-820	2.0560	1.400/1.420	1.00/1.02	0.200	76-84 @	1.82	214.7-237.3 @	1.39	6.6875 LH	1.3300
VS-830	1.9650	1.395/1.425	0.995/1.02	0.200	40-50 @	1.80	190-220 @	1.30	6.10 LH	1.2200
VS-835	1.9700	1.452/1.472	1.052/1.07	0.200	76-84 @	1.72	218.5-241.5 @	1.26	6.00 LH	1.1000
VS-836	2.1000	1.450/1.470	1.050/1.07	0.200	70-80 @	1.80	195-220 @	1.40	6.25 LH	1.2500
VS-840	2.0680	1.390/1.410	0.990/1.01	0.200	76-84 @	1.81	218-240 @	1.33	6.375 LH	1.2750
VS-850	1.9900	1.4000	1.0160	0.192	76-84 @	1.70	187-207 @	1.30	6.00 LH	1.1520
VS-870	2.0000	1.318/1.338	0.994/1.01	0.162	48-56 @	1.585	112-122 @	1.22	7.25 LH	1.1500
VS-890	1.8750	1.395/1.405	1.019/1.02	0.188	77-85 @	1.58	183-202 @	1.18	6.00 LH	1.1200
VS-900	2.0200	1.450/1.470	1.06/1.08	0.195	73.4-80.6 @	1.70	171-189 @	1.28	6.25 LH	1.2200
VS-920	1.7800	0.962/0.982	0.842/0.862	0.120	18-22 @	1.50	63-77 @	1.073	7.90 RH	0.9480
VS-940	2.1200	1.494/1.508	1.080/1.09	0.207	65-81 @	1.88	228-252 @	1.38	6.50 RH	1.2800
VS-960	2.0500	1.390/1.410	0.990/1.01	0.200	72-80 @	1.80	191-203 @	1.40	6.50 RH	1.2600
VS-970	2.0350	1.355/1.385	0.955/0.985	0.200	65-75 @	1.80	190-225 @	1.40	6.50 RH	1.2250
VS-980	1.1900	1.388/1.408	1.00/1.02	0.194	80-88 @	1.63	210-226 @	1.183	6.00 RH	1.1000
VS-990	1.3600	0.827/0.843	0.631/0.647	0.098	25-29 @	1.00	47-57 @	0.700	6.10 RH	0.5970
VS-1000	1.6000	1.84/1.204	0.900/0.920	0.142	37-42 @	1.30	90-105 @	0.900	5.50 RH	0.7810
VS-1010	2.3250	1.365/1.385	1.011/1.03	0.177	62-73 @	1.90	155-185 @	1.30	6.75 LH	1.1940
VS-1011	2.1600	1.384/1.404	1.01/1.03	0.187	108-120 @	1.65	200-216 @	1.22	6.50 RH	1.1650
VS-1020	1.8750	1.305/1.325	0.951/0.971	0.177	51-63 @	1.60	140-170 @	1.20	6.50 RH	1.1500
VS-1040	2.0500	1.496/1.512	1.082/1.09	0.207	84-96 @	1.80	210-230 @	1.40	6.40 LH	1.2400
VS-1043	1.5060	1.326/1.342	0.984/1.00	0.169/.17	64-72 @	1.26	167-179 @	0.886	4.75 LH	0.8000
VS-1058	1.4600	0.910/0.920	0.670/0.680	0.120	11-13 @	1.35	51-55 @	1.00	7.00 RH	0.8400
VS-1059	1.4750	1.289/1.305	0.947/0.963	0.172	25-29 @	1.35	97-108 @	1.05	5.25 LH	0.8870
VS-1060	1.9500	1.354/1.374	1.00/1.02	0.177	43-53 @	1.70	150-180 @	1.20	6.00 LH	1.0620
VS-1065	1.8770	1.332/1.352	0.990/1.01	0.171	71.3-78.7 @	1.52	152-166 @	1.12	6.16 RH	1.0400
VS-1070	1.7000	1.277/1.297	0.923/0.943	0.176/.17	71.2-78.7 @	1.46	170.8-18.9 @	1.091	6.00 RH	1.0180
VS-1080	1.8200	1.332/1.352	0.948/0.968	0.192	66-74 @	1.625	205-220 @	1.20	6.22 RH	1.1500
VS-1090	1.9350	1.287/1.313	0.947/0.973	0.170	40-50 @	1.70	129-157 @	1.20	6.00 RH	1.0020
VS-1100	2.0100	1.424/1.454	1.04/1.07	0.192	85.1-95.02 @	1.6	03.3-217.2 @	1.22	5.78 RH	1.1100
VS-1110	1.8310	1.3100	0.8860	0.162	49.8-55.6 @	1.52	122-136 @	1.19	7.00 RH	1.1000
VS-1118	1.5390	1.324/1.340	0.984/1.00	0.170	61.5-69.7 @	1.29	64-180 @	0.9055	4.90 RH	0.8660
VS-1120	1.9400	1.4940	1.0800	0.207	91-101 @	1.65	231-245 @	1.22	5.625 RH	1.1000
VS-1130	2.0200	1.364/1.384	1.00/1.02	0.182	56-66 @	1.73	173-193 @	1.28	6.50 LH	1.1830
VS-1140	2.035	1.260	0.876	0.192	75-85 @	1.811	220-240 @	1.390	6.6 RH	1.278
VS-1282	1.909	1.396	0.670	0.187	90-100 @	1.570	213-223 @	1.170	6.18 LH	1.098
VS-1298	1.967	1.320	0.837	0.177	81-89 @	1.640	198-208 @	1.216	6.79 RH	1.163
VS-1301	1.9000	1.375/1.395	1.001/1.02	0.187	55-63 @	1.75	175-205 @	1.20	5.75 RH	1.0750
VS-1302	2.100	1.393	1.010	0.192	74-82 @	1.780	194-214 @	1.330	6.50 LH	1.260
VS-1304	2.059	1.230	0.878	0.177	100-110 @	1.216	207-221 @	1.146	6.80 RH	1.146
VS-1306	1.949	1.343	0.950	0.199	67-77 @	1.732	218-228 @	1.346	6.5 LH	1.250
VS-1317	1.9600	1.33/1.361	1.129/1.16	0.163/.20	66-74 @	1.60	168-188 @	1.20	6.80 RH	1.1500
VS-1328	2.160	1.394	1.020	0.187	108-116 @	1.650	196-210 @	1.220	6.5 RH	1.180
VS-1330	2.050	1.500	1.085	0.207	75-85 @	1.800	210-220 @	1.370	6.25 LH	1.280
VS-1880	1.6750	1.177/1.197	0.8965/0.88	0.156	24-30 @	1.50	100-120 @	1.10	6.40 LH	0.9980
VS-2070	1.58000	1.115/1.135	0.829/0.839	0.148	22-28 @	1.40	70-85 @	1.10	6.90 LH	1.0210
VS-2080	2.1750	1.175/1.193	0.891/0.909	0.142	35-42 @	1.20	70-86 @	1.20	7.75 RH	1.1000
VS-2100	1.6500	0.822/0.838	0.638/0.654	0.092	12-15 @	1.30	37-45 @	0.85	8.75 RH	0.8130
VS-2110	1.1750	0.668/0.683	0.508/0.523	0.080	14-18 @	0.90	32-39 @	0.60	6.20 RH	0.4960
VS-2130	1.3350	0.693/0.707	0.509/0.523	0.092	22-25 @	1.00	34-40 @	0.850	8.25 LH	0.7540
VS-2202	1.9680	1.30/1.33	0.988/1.01	0.156	50-60 @	1.575	95-115 @	1.20	7.00 RH	1.1060
VS-2203	1.7700	0.900	0.7540	0.113	25.5-28.5 @	1.38	53-59 @	0.96	7.50 LH	0.8500
VS-2205	1.7250	0.948/0.968	0.722/0.742	0.113	14-17 @	1.50	52-63 @	1.00	7.70 LH	0.8970
VS-2206	2.0100	1.32/1.34	0.996/1.01	0.162	31-38 @	1.75	110-130 @	1.20	6.60 RH	1.0930
VS-2207	2.110	1.286	0.930	0.180	86-94 @	1.700	209-221 @	1.291	7.00 RH	1.240
VS-2208	1.780	1.236	0.900	0.166	71-79 @	1.440	160-170 @	1.040	6.00 RH	0.960

VALVE SPRINGS IDENTIFICATION CHART (Cont.)

PartNo.	Free Length	OutSide Diameter	Inside Diameter	Wire Size	Closed Position Pressure And Length	Open Position Pressure And Length	Number Of Coils Left Or Right Hand	Solid Height
VS-2209	2.031	1.233	0.900	0.166	75-84 @ 1.678	170-187 @ 1.239	7.00 RH	1.165
VS-2210	2.202	1.338	1.003	0.171	97-108 @ 1.522	185-196 @ 1.172	6.00 RH	1.155
VS-2211	1.840	1.303	0.933	0.182	61-69 @ 1.577	172-188 @ 1.156	5.90 LH	1.050
VS-2212	2.020	1.425	1.041	0.192	81-89 @ 1.660	188-202 @ 1.260	6.10 LH	1.171
VS-2213	1.930	1.473	1.088	0.192	64-74 @ 1.701	194-214 @ 1.280	6.4 RH	1.220
VS-2214	1.850	1.314	0.960	0.177	71-79 @ 1.500	176-188 @ 1.088	5.9 RH	1.020
VS-2215	1.960	1.389	1.010	0.185	67-73 @ 1.640	170-180 @ 1.240	6.2 LH	1.140
VS-2216	1.780	1.383	1.010	0.182	67-73 @ 1.470	168-182 @ 1.070	5.87 LH	1.010
VS-2218	1.902	1.274	0.933	0.173	89-97 @ 1.460	207-223 @ 1.016	6.00 RH	0.976
VS-2219	2.030	1.236	0.880	0.177	59-69 @ 1.727	158-170 @ 1.340	6.58 RH	1.250
VS-2220								
VS-2221								
VS-2222	1.981	1.249"	.895"	.177"	80# @ 1.720	210# @ 1.230	7.0 LH	1.230
VS-2223	2.130	1.352	1.012	.170"	60# @ 1.730	130# @ 1.330	6.75 RH	1.148
VS-2226	1.964	1.020/1.252	.646/.878	0.187	75 @ 1.720	228 @ 1.277	6.6 LH	1.234
VS-2228	2.016	1.300	.901	.1995	85 @ 1.780	255 @ 1.330	6.55	1.280
VS-2229	2.021	1.250"	.876"	.177"	80# @ 1.700	255# @ 1.330	6.55	1.200
VS-2230	1.905	.892	.740	.152	75	1.496	N/A	N/A
VS-2231	1.902	.942	.648	.148	81	1.468	N/A	N/A
VS-2232	1.975	TAPER	TAPER	.160	85	1.602	N/A	N/A
VS-2234	1.855	.821	.665	.156	75	1.496	N/A	N/A
VS-2235	1.750	1.0	.745	.170	75	1.496	N/A	N/A
VS-2237	1.670	TAPER	TAPER	.129	35	1.375	N/A	N/A
VS-2238	1.675	TAPER	TAPER	.124	30	1.375	N/A	N/A
VS-2239	1.694	1.212	.824	.155 x .191	63	1.437	N/A	N/A
VS-2243	2.100	.985	.634	.144 x .170	N/A	N/A	N/A	N/A
VS-2244	2.058	1.3/.997	.964/.670	.169	7.0 RH	1.062	N/A	N/A
VS-2246	1.809	.978	.533 x .711	.130	40	1.500	N/A	N/A
VS-2247	1.844	.974	.580 x .711	.130	40	1.500	N/A	N/A
VS-2250	1.922	.805 x .950	.592 x .725	.110	40	1.250	N/A	N/A
VS-2254	2.275	1.046 x 1.263	.673 x .878	.160 x .192	110	1.812	N/A	N/A
VS-2255	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
VS-2256	1.902	0.942	0.648	0.148	80.9 @ 1.468	152 @ 1.226	8.0 RH	1.1910
VS-2258								
VS-2259								