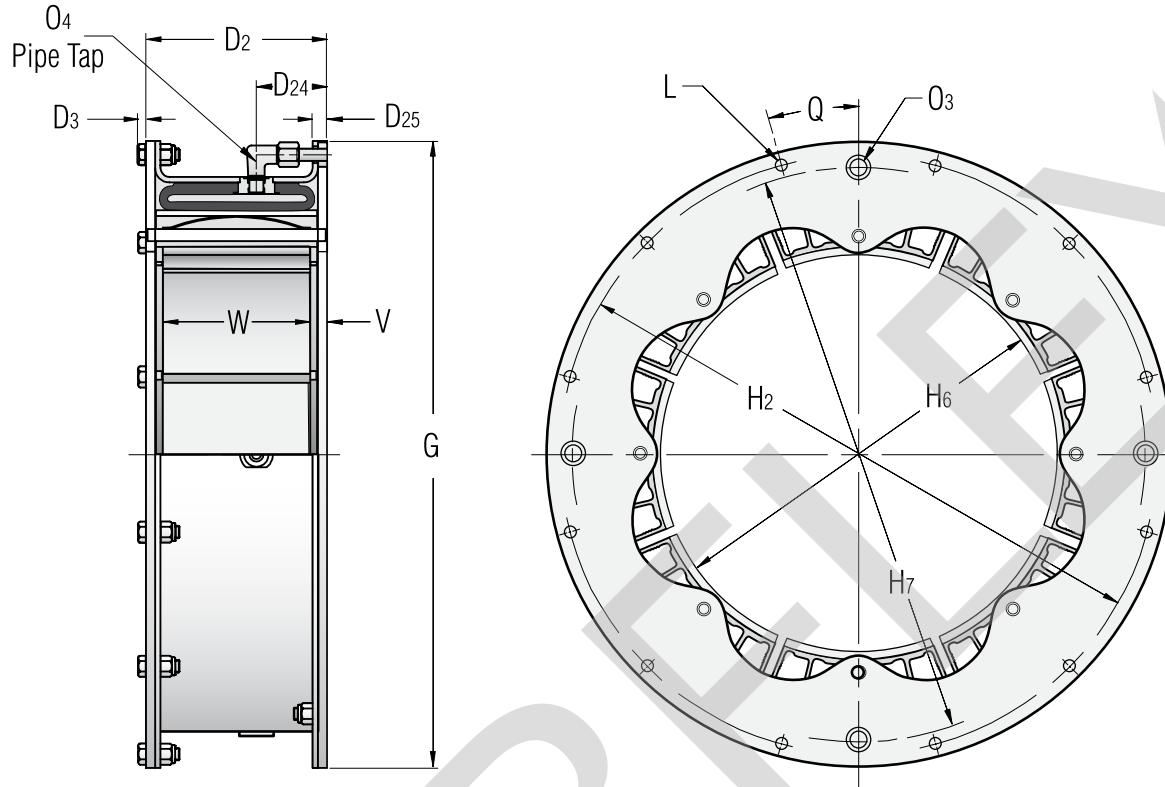


Single Narrow VC Elements



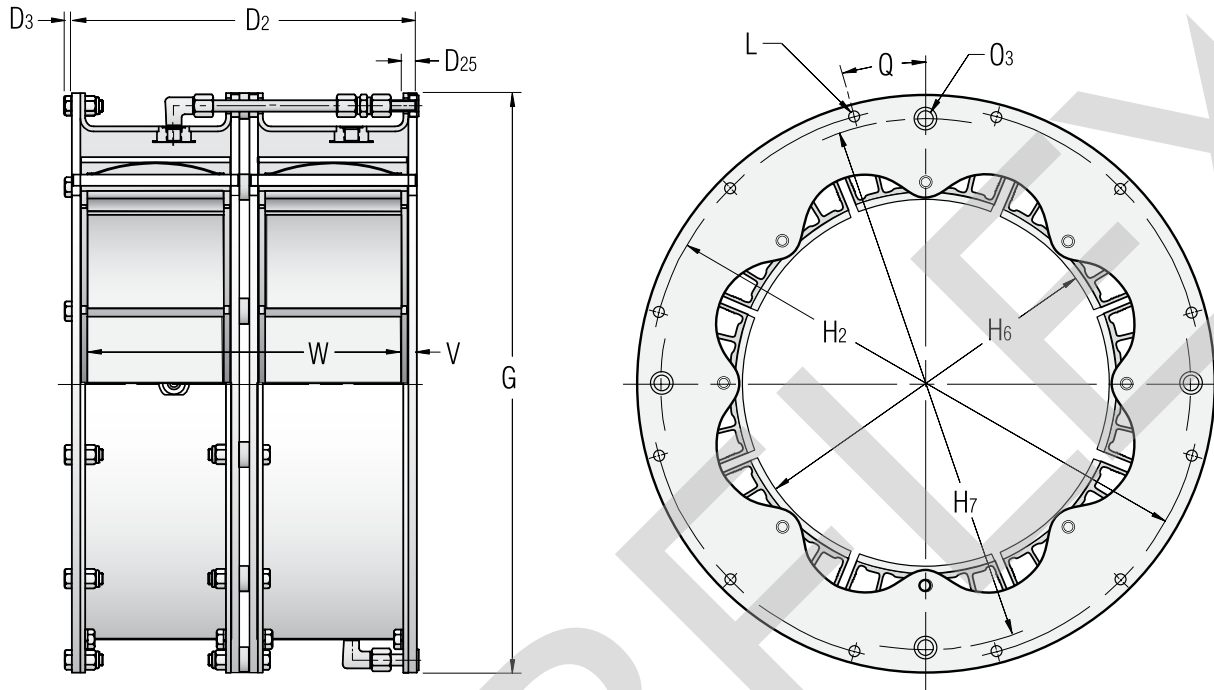
ENGLISH

Size	Mr Torque Part Number	Rating (lb-in @ 75 psi)	Maximum Speed (rpm)	C _s Centrifugal loss (psi/rpm ²)	Wk ² (lb-ft ²)	Weight (lb)	Friction Area (in ²)	Friction Lining Thickness (inches)	Worn	Air Tube Cavity (in ³)	Minimum Drum Diameter (inches)
11.5VC500	142639	27,000	1800	23 E-06	43	96	166	0.32	0.16	70	11.41
14VC500	143829	39,200	1500	28 E-06	78	128	205	0.32	0.16	95	13.91
16VC600	142640	65,000	1400	29 E-06	115	151	283	0.32	0.16	120	15.91
20VC600	142641	93,000	1200	40 E-06	193	179	380	0.32	0.16	140	19.88
24VC650	142642	135,000	1050	49 E-06	369	246	466	0.44	0.16	200	23.88
28VC650	142643	182,000	1000	58 E-06	537	280	548	0.44	0.16	270	27.81
33VC650	142644	255,000	900	74 E-06	1083	392	643	0.57	0.28	360	32.81
37VC650	142645	320,000	800	90 E-06	1400	433	720	0.57	0.28	400	36.81
42VC650	142647	380,000	800	95 E-06	1990	485	822	0.57	0.28	440	41.81

SI

Size	Part Number	Mr Torque Rating (N-m @ 5.2 bar)	Maximum Speed (rpm)	C _s Centrifugal loss (bar/rpm ²)	J (kg-m ²)	Mass (kg)	Friction Area (cm ²)	Friction (mm) Lining Thickness New	Worn	Air Tube Cavity (dm ³)	Minimum Drum Diameter (mm)
11.5VC500	142639	3,050	1800	1.59 E-06	1.81	43	1071	8	4	1.15	290
14VC500	143829	4,430	1500	1.93 E-06	3.28	58	1322	8	4	1.56	353
16VC600	142640	7,340	1400	2.00 E-06	4.83	68	1825	8	4	1.97	404
20VC600	142641	10,505	1200	2.76 E-06	8.11	81	2451	8	4	2.30	505
24VC650	142642	15,250	1050	3.38 E-06	15.50	111	3006	11	4	3.28	607
28VC650	142643	20,560	1000	4.00 E-06	22.55	127	3535	11	4	4.43	706
33VC650	142644	28,810	900	5.11 E-06	45.49	178	4147	14	7	5.90	833
37VC650	142645	36,155	800	6.21 E-06	58.80	196	4644	14	7	6.56	935
42VC650	142647	42,930	800	6.56 E-06	83.58	220	5302	14	7	7.22	1062

Dual Narrow VC Elements

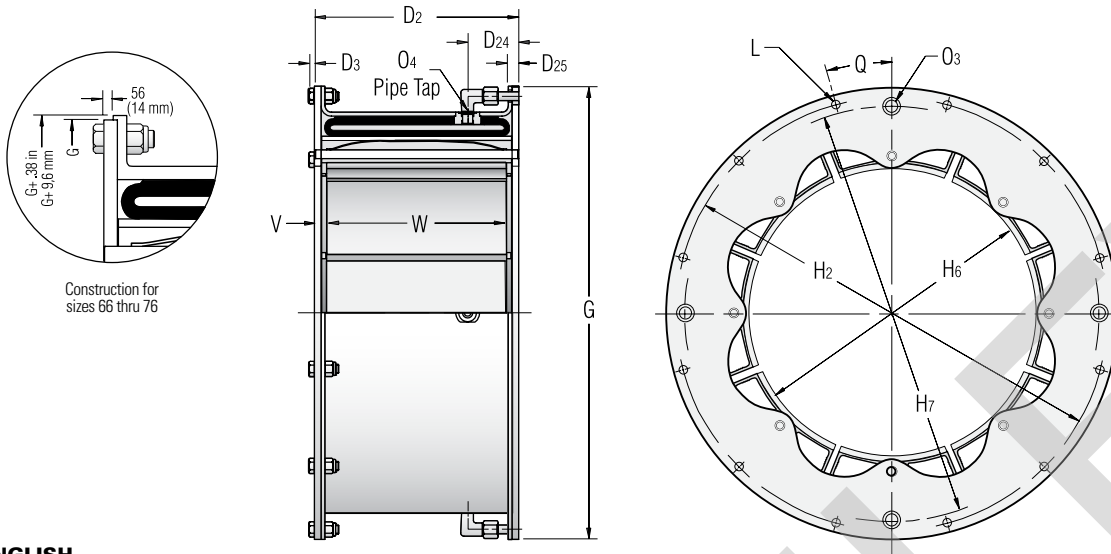


ENGLISH

Size	Part Number	M _r Torque Rating lb-in@ 75 psi	Max. Speed (rpm)	C _c Centrifugal Loss (psi/rpm ²)	Wk ² (lb-ft ²)	Weight (lb)	Friction Area (in ²)	Friction New	Lining Thickness (ins) Worn	Air Tube Cavity (in ³)	Minimum Drum Diameter (ins)
11.5VC500	142112	5,4000	1800	23 E-06	86	197	332	0.32	0.16	140	11.41
14VC500	142114	78,400	1500	28 E-06	156	258	410	0.32	0.16	190	13.91
16VC600	142115	130,000	1400	29 E-06	230	307	566	0.32	0.16	240	15.91
20VC600	142116	186,000	1200	40 E-06	386	363	760	0.32	0.16	280	19.88
24VC650	142117	270,000	1050	49 E-06	738	497	932	0.44	0.16	400	23.88
28VC650	142118	364,000	1000	58 E-06	1074	565	1096	0.44	0.16	540	27.81
33VC650	142119	510,000	900	74 E-06	2166	784	1286	0.57	0.28	720	32.81
37VC650	142120	640,000	800	90 E-06	2800	871	1440	0.57	0.28	800	36.81
42VC650	142121	760,000	800	95 E-06	3980	980	1644	0.57	0.28	880	41.81

Size	Part Number	M _r Torque Rating N-m@ 5,2 bar	Max. Speed (rpm)	C _c Centrifugal Loss (bar/rpm ²)	J (kg-m ²)	Mass (kg)	Friction Area (cm ²)	Friction New	Lining Thickness (mm) Worn	Air Tube Cavity (dm ³)	Minimum Drum Diameter (mm)
11.5VC500	142112	6,100	1800	1,59 E-06	3,61	89	2141	8	4	2,30	290
14VC500	142114	8,860	1500	1,93 E-06	6,55	117	2645	8	4	3,12	353
16VC600	142115	14,690	1400	2,00 E-06	9,66	139	3651	8	4	3,94	404
20VC600	142116	21,010	1200	2,76 E-06	16,21	164	4902	8	4	4,59	505
24VC650	142117	30,500	1050	3,38 E-06	31,00	225	6011	11	4	6,56	607
28VC650	142118	41,125	1000	4,00 E-06	45,11	256	7069	11	4	8,86	706
33VC650	142119	57,620	900	5,11 E-06	90,97	355	8295	14	7	11,8	833
37VC650	142120	72,310	800	6,21 E-06	117,6	395	9288	14	7	13,1	935
42VC650	142121	85,870	800	6,56 E-06	167,2	444	10604	14	7	14,4	1062

Single Wide VC Elements

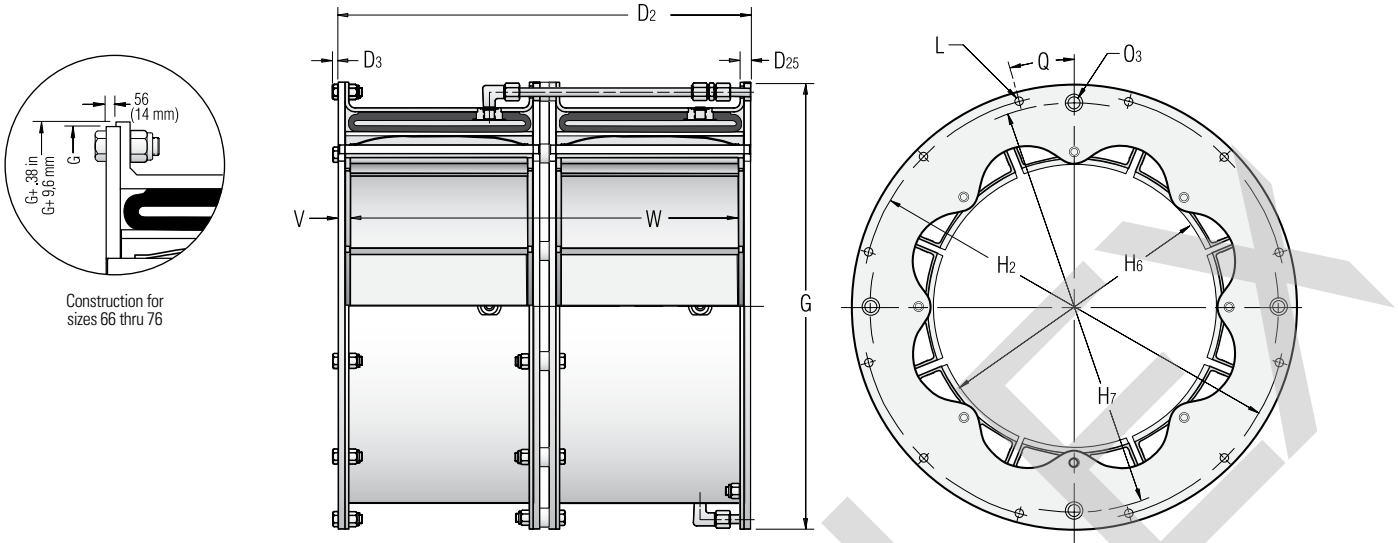


ENGLISH

Size	Part Number	M _t Torque Rating lb-in@ 75 psi	Max. Speed (rpm)	C _s Centrifugal Loss (psi/rpm ²)	Wk ² (lb-ft ²)	Weight (lb)	Friction Area (in ²)	Friction New	Lining Thickness (ins) Worn	Air Tube Cavity (in ³)	Minimum Drum Diameter (ins)
14VC1000	142838	85,000	1800	22 E-06	127	213	350	0.32	0.16	185	13.91
16VC1000	142821	114,000	1400	27 E-06	212	240	470	0.32	0.16	255	15.91
20VC1000	142832	161,000	1300	37 E-06	309	282	635	0.32	0.16	310	19.87
24VC1000	142675	219,000	1250	46 E-06	552	378	720	0.44	0.16	465	23.87
28VC1000	142674	296,000	1100	55 E-06	826	431	840	0.44	0.16	530	27.81
32VC1000	142673	415,000	1050	63 E-06	1570	624	960	0.57	0.38	600	31.81
38VC1200	142739	680,000	740	82 E-06	2330	684	1360	0.57	0.38	755	37.81
42VC1200	142677	819,000	670	86 E-06	3670	895	1500	0.57	0.38	850	41.75
46VC1200	142671	950,000	600	108 E-06	4830	980	1410	0.68	0.38	1205	45.75
52VC1200	142841	1,215,000	550	127 E-06	7285	1310	1590	0.68	0.38	1510	51.75
51VC1600	142835	1,610,000	550	125 E-06	10580	1830	2380	0.66	0.30	2000	50.75
60VC1600	142915	2,183,000	520	145 E-06	20532	2374	2800	0.66	0.30	2350	59.75
66VC1600	142097	2,800,000	480	185 E-06	24850	2630	3080	0.66	0.30	1950	65.75
76VC1600	—	—	—	Consult Factory	—	—	—	—	—	—	—

Size	Part Number	M _t Torque Rating N-m@ 5,2 bar	Max. Speed (rpm)	C _s Centrifugal Loss (bar/rpm ²)	J (kg-m ²)	Mass (kg)	Friction Area (cm ²)	Friction New	Lining Thickness (mm) Worn	Air Tube Cavity (dm ³)	Minimum Drum Diameter (mm)
14VC1000	142838	9,605	1800	1,52 E-06	5,33	96	2258	8	4	3,03	353
16VC1000	142821	12,880	1400	1,86 E-06	8,90	109	3032	8	4	4,18	404
20VC1000	142832	18,190	1300	2,55 E-06	12,98	128	4096	8	4	5,08	505
24VC1000	142675	24,745	1250	3,17 E-06	23,18	171	4644	11	4	7,63	606
28VC1000	142674	33,445	1100	3,80 E-06	34,69	195	5418	11	4	8,69	706
32VC1000	142673	46,890	1050	4,35 E-06	65,94	283	6192	14	10	9,84	808
38VC1200	142739	76,830	740	5,66 E-06	97,86	310	8772	14	10	12,4	960
42VC1200	142677	92,535	670	5,93 E-06	154,1	405	9675	14	10	13,9	1060
46VC1200	142671	107,335	600	7,45 E-06	202,9	444	9097	17	10	19,8	1162
52VC1200	142841	137,275	550	8,76 E-06	306,0	594	10256	17	10	24,8	1314
51VC1600	142835	181,905	550	8,63 E-06	444,4	830	15351	17	8	32,8	1289
60VC1600	142915	246,645	520	10,01 E-06	852,3	1077	18060	17	8	38,5	1518
66VC1600	142097	316,355	480	12,83 E-06	1044	1191	19866	17	8	32,1	1670
76VC1600	—	—	—	Consult Factory	—	—	—	—	—	—	—

Dual Wide VC Elements



ENGLISH

Size	Part Number	M _T Torque Rating lb-in@ 75 psi	Max. Speed (rpm)	C _s Centrifugal Loss (psi/rpm ²)	Wk ² (lb-ft ²)	Weight (lb)	Friction Area (in ²)	Friction New	Lining Thickness (ins) Worn	Air Tube Cavity (in ³)	Minimum Drum Diameter (ins)
16VC1000	142122	228,000	1400	27 E-06	380	430	940	0.32	0.16	510	15.91
20VC1000	142123	322,000	1300	37 E-06	618	568	1270	0.32	0.16	620	19.87
24VC1000	142124	438,000	1250	46 E-06	1104	756	1440	0.44	0.16	930	23.87
28VC1000	142125	592,000	1100	55 E-06	1652	862	1680	0.44	0.16	1060	27.81
32VC1000	142126	830,000	1050	63 E-06	3140	1248	1920	0.57	0.38	1200	31.81
38VC1200	142127	1,360,000	740	82 E-06	4660	1368	2720	0.57	0.38	1510	37.81
42VC1200	142128	1,638,000	670	86 E-06	7340	1790	3000	0.57	0.38	1700	41.75
46VC1200	142129	1,900,000	600	108 E-06	9660	1960	3180	0.68	0.38	2410	45.75
52VC1200	142131	2,430,000	550	127 E-06	14570	2384	3580	0.68	0.38	3020	51.75
51VC1600	142130	3,220,000	550	125 E-06	21160	3868	4760	0.66	0.30	4000	50.75
60VC1600	142132	4,366,000	520	145 E-06	41064	4900	5600	0.66	0.30	4700	59.75
66VC1600	142198	5,600,000	480	186 E-06	49700	5260	6160	0.66	0.30	3920	65.75
76VC1600	146509	7,300,000	416	241 E-06	72940	5970	6940	0.66	0.30	4800	75.75
76VC2000	146531	9,300,000	275	146 E-06	82084	6700	8390	0.66	0.30	4963	75.75

Size	Part Number	M _T Torque Rating N-m@ 5,2 bar	Max. Speed (rpm)	C _s Centrifugal Loss (bar/rpm ²)	J (kg-m ²)	Mass (kg)	Friction Area (cm ²)	Friction New	Lining Thickness (mm) Worn	Air Tube Cavity (dm ³)	Minimum Drum Diameter (mm)
16VC1000	142122	25,760	1400	1,86 E-06	15,96	195	6063	8	4	8,36	404
20VC1000	142123	36,380	1300	2,55 E-06	25,96	257	8192	8	4	10,2	505
24VC1000	142124	49,490	1250	3,17 E-06	46,37	342	9288	11	4	15,3	606
24VC1000	142125	66,890	1100	3,80 E-06	69,38	390	10836	11	4	17,4	706
32VC1000	142126	93,780	1050	4,35 E-06	131,9	565	12384	14	10	19,7	808
38VC1200	142127	153,660	740	5,66 E-06	195,7	620	17544	14	10	24,8	960
42VC1200	142128	185,070	670	5,93 E-06	308,3	811	19350	14	10	27,9	1060
46VC1200	142129	214,670	600	7,45 E-06	405,7	888	20516	17	10	39,5	1162
52VC1200	142131	274,550	550	8,76 E-06	611,9	1080	23097	17	10	49,5	1314
51VC1600	142130	363,810	550	8,63 E-06	888,7	1752	30702	17	8	65,6	1289
60VC1600	142132	493,290	520	10,01 E-06	1725	2220	36120	17	8	77,1	1518
66VC1600	142198	632,710	480	12,83 E-06	2087	2383	39732	17	8	64,3	1670
76VC1600	146509	827,050	416	16,66 E-06	3074	2705	45150	17	8	79,0	1924
76VC2000	146531	1,050,760	275	10,06 E-06	3461	3038	54128	17	8	81,7	1924