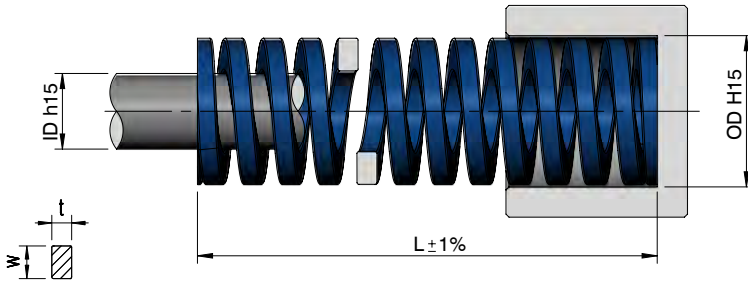


VG1.3

Blue Colour Medium Load

(Old Code : VB)



Code	OD	ID	L	Spring Constant	25% Minimum Compression		30% Medium Compression		37.5% Maximum Compression		Solid Compression NOT Recommended		Stock
	w x t				Compression mm	Load kgf(±10%)	Compression mm	Load kgf(±10%)	Compression mm	Load kgf(±10%)	Compression mm	Load kgf(±10%)	
	mm	mm			mm	kgf / mm	mm	kgf(±10%)	mm	kgf(±10%)	mm	kgf(±10%)	
VG1.3/ 10 x 25	10	5	25	1.6	6.3	10.2	7.5	12.2	9.4	15.3	10.2	16.6	✓
VG1.3/ 10 x 32			32	1.3	8	10.6	9.6	12.8	12	15.9	14.2	18.9	✓
VG1.3/ 10 x 38			38	1.2	9.5	11.5	11.4	14.2	14.3	17.3	16.8	20	✓
VG1.3/ 10 x 44			44	1.1	11	11.6	13.2	13.9	16.5	17.3	19.4	20	✓
VG1.3/ 10 x 51			51	0.9	12.8	11.5	15.3	13.9	19.1	17.3	23.4	21.2	✓
VG1.3/ 10 x 64			64	0.8	16	12.2	19.2	14.7	24	18.4	28.2	21.6	✓
VG1.3/ 10 x 76			76	0.5	19	10.3	22.8	12.3	28.5	15.4	34.2	18.5	✓
VG1.3/ 10 x 305	1.9 X 1.3	305	0.2	76.3	12.2	91.5	14.9	114.4	18.7	133.8	21.8	✓	
VG1.3/ 13 x 25	13	6.3	25	3.1	6.3	19.1	7.5	23	9.4	28.8	11.9	36.4	✓
VG1.3/ 13 x 32			32	2.5	8	20.2	9.6	24.3	12	30.4	16.2	41	✓
VG1.3/ 13 x 38			38	2.2	9.5	20.7	11.4	24.9	14.3	31.2	18.7	40.1	✓
VG1.3/ 13 x 44			44	1.9	11	20.7	13.2	24.9	16.5	31.1	21.3	40.2	✓
VG1.3/ 13 x 51			51	1.6	12.8	20.1	15.3	24.2	19.1	30.2	25.6	40.5	✓
VG1.3/ 13 x 64			64	1.2	16	19.7	19.2	23.7	24	29.6	32.4	40	✓
VG1.3/ 13 x 76			76	1	16	19.8	22.8	23.8	28.5	29.7	39	40.6	✓
VG1.3/ 13 x 89	89	0.9	22.3	18.9	26.7	22.8	33.4	28.7	45.9	39.4	✓		
VG1.3/ 13 x 102	102	0.6	25.5	16.3	30.6	19.7	38.3	24.6	52.3	33.6	✓		
VG1.3/ 13 x 305	2.5 X 1.5	305	0.2	76.3	16	91.5	19.6	114.4	24.5	152.5	32.6	✓	
VG1.3/ 16 x 25	16	8	25	5	6.3	31.4	7.5	37.8	9.4	47.3	10.5	52.9	✓
VG1.3/ 16 x 32			32	3.8	8	30.2	9.6	36.3	1	45.4	13.2	50	✓
VG1.3/ 16 x 38			38	3.5	9.5	32.8	11.4	39.4	14.3	49.5	17.2	59.5	✓
VG1.3/ 16 x 44			44	3.1	11	33.7	13.2	40.4	16.5	50.5	19.4	59.4	✓
VG1.3/ 16 x 51			51	2.7	12.8	34.3	15.3	41.2	19.1	51.4	24.2	65.2	✓
VG1.3/ 16 x 64			64	2.1	16	33.4	19.2	40.2	24	50.2	29.2	61.9	✓
VG1.3/ 16 x 76			76	1.8	19	34.4	22.8	41.4	28.5	51.7	36.3	65.9	✓
VG1.3/ 16 x 89	89	1.6	22.3	34.5	26.7	41.4	33.4	51.8	41.7	64.7	✓		
VG1.3/ 16 x 102	102	1.4	25.5	34.9	30.6	42.1	38.3	52.7	48.9	67.3	✓		
VG1.3/ 16 x 115	115	1.2	28.8	34.5	34.5	41.5	43.1	51.9	53.1	64	✓		
VG1.3/ 16 x 305	3.2 X 2.0	305	0.5	76.3	36.6	91.5	44.8	114.4	56	141.6	69.2	✓	
VG1.3/ 20 x 25	20	10	25	10	6.3	62.4	7.5	75	9.4	93.9	10.5	104.8	✓
VG1.3/ 20 x 32			32	7.4	8	59.2	9.6	71.1	12	88.8	13.9	102.9	✓
VG1.3/ 20 x 38			38	5.7	9.5	54.2	11.4	65.1	14.3	81.7	16.6	94.9	✓
VG1.3/ 20 x 44			44	4.8	11	53.2	13.2	64	16.5	80	18.8	91.8	✓
VG1.3/ 20 x 51	4.1 X 2.4	51	4.3	12.8	54.2	15.3	65.1	19.1	81.2	23.1	98.2	✓	

✓ - Ex-stock • - Against Order | Ordering Example: Code - Quantity | VG1.3/ 20 x 51 - 20 Pcs

◆ w x t=Approx.

VG1.3

Blue Colour Medium Load

(Old Code : VB)



Code	OD	ID	L	Spring Constant	25% Minimum Compression		30% Medium Compression		37.5% Maximum Compression		Solid Compression NOT Recommended		Stock		
	w x t				mm	kgf / mm	Compression	Load	Compression	Load	Compression	Load		Compression	Load
	mm	mm					mm	kgf(±10%)	mm	kgf(±10%)	mm	kgf(±10%)		mm	kgf(±10%)
VG1.3/ 20 x 64	20	10	64	3.3	16	52.6	19.2	63.2	24	79.1	27.5	90.6	✓		
VG1.3/ 20 x 76			76	2.6	19	48.6	22.8	58.3	28.5	72.9	33.8	86.5	✓		
VG1.3/ 20 x 89			89	2.2	22.3	49.8	26.7	59.9	33.4	75	39.7	89	✓		
VG1.3/ 20 x 102			102	2	25.5	51.3	30.6	61.8	38.3	77.3	47.3	95.6	✓		
VG1.3/ 20 x 115			115	1.8	28.8	52.9	34.5	63.6	42.1	79.6	52.5	96.1	✓		
VG1.3/ 20 x 127			127	1.7	31.8	53.7	38.1	64.5	47.6	88.6	56.9	96.4	✓		
VG1.3/ 20 x 139			139	1.5	35	53.5	42	64.7	52.5	80.9	62.1	95.7	✓		
VG1.3/ 20 x 152			152	1.3	38	50.9	45.6	61.2	57	76.1	67.6	90.7	✓		
VG1.3/ 20 x 305	4.1 X 2.4		305	0.6	76.3	47.3	91.5	56.9	114.4	71.2	143.4	89.3	✓		
VG1.3/ 25 x 25	25	12.5	25	15	6.3	93.7	7.5	102.5	9.4	141	10.2	152.9	✓		
VG1.3/ 25 x 32			32	12	8	96.2	9.6	115.6	12	144.4	13.7	164.9	✓		
VG1.3/ 25 x 38			38	9.5	9.5	90.1	11.4	108.1	14.3	135.7	15.7	148.9	✓		
VG1.3/ 25 x 44			44	8.2	11	90.6	13.2	108.8	16.5	136	18.2	150	✓		
VG1.3/ 25 x 51			51	7	12.8	89.1	15.3	107.1	19.1	133.6	21.7	151.9	✓		
VG1.3/ 25 x 64			64	5.4	16	86.4	19.2	103.8	24	129.7	26	140.6	✓		
VG1.3/ 25 x 76			76	4.4	19	83.6	22.8	100.5	28.5	125.6	32.3	142.3	✓		
VG1.3/ 25 x 89			89	3.9	22.3	86.6	26.7	104	33.4	130.2	38	148.1	✓		
VG1.3/ 25 x 102			102	3.4	25.5	85.7	30.6	103	38.3	128.9	43	144.7	✓		
VG1.3/ 25 x 115			115	2.9	28.8	81.9	34.5	98.5	43.1	123.1	48.6	138.8	✓		
VG1.3/ 25 x 127			127	2.6	31.8	83.8	38.1	100.7	47.6	125.8	53.7	141.9	✓		
VG1.3/ 25 x 139			139	2.4	34	82	42	99.3	52.5	124.2	59.4	140.6	✓		
VG1.3/ 25 x 152			152	2.1	38	80.6	45.6	96.7	57	121	63.8	135.4	✓		
VG1.3/ 25 x 178			178	1.8	44.5	80.5	53.4	97	66.8	121.3	76.6	139	✓		
VG1.3/ 25 x 203	203	1.6	50.8	81.7	60.9	98.1	76.1	122.6	88.4	142.5	✓				
VG1.3/ 25 x 305	5.4 X 3.3		305	1	76.3	79.3	91.5	95.2	114.4	119	135.1	140.6	✓		
VG1.3/ 32 x 38	32	16	38	18.9	9.5	179.3	11.4	215.1	14.3	269.9	16.3	307.6	✓		
VG1.3/ 32 x 44			44	16.1	11	177.2	13.2	212.8	16.5	265.9	18.9	304.6	✓		
VG1.3/ 32 x 51			51	13.7	12.8	174.2	15.3	209.1	19.1	261	23.1	315.7	✓		
VG1.3/ 32 x 64			64	10.1	16	161.4	19.2	193.9	24	242.4	28.5	287	✓		
VG1.3/ 32 x 76			76	8.2	19	156	22.8	187.2	28.5	234	34.2	280.8	✓		
VG1.3/ 32 x 89			89	7.1	22.3	156.9	26.7	188.2	33.4	235.4	40.4	284.8	✓		
VG1.3/ 32 x 102			102	6	25.5	152.7	30.6	183.5	38.3	229.7	48	287.8	✓		
VG1.3/ 32 x 115			115	5.3	28.8	150.9	34.5	181.3	43.1	226.4	54.3	285.2	✓		
VG1.3/ 32 x 127			127	4.6	31.8	144.8	38.1	174.1	47.6	217.5	59.2	270.5	✓		
VG1.3/ 32 x 139			139	4.3	35	149.8	42	181.3	52.5	226.5	65.3	281.7	✓		
VG1.3/ 32 x 152			152	3.9	38	146.3	45.6	175.8	57	219.8	73	281.4	✓		
VG1.3/ 32 x 178			178	3.3	44.5	147.3	53.4	177.1	66.8	221.4	84.5	280.1	✓		
VG1.3/ 32 x 203			203	2.9	50.8	149.2	60.9	179.5	76.1	224.3	96.9	285.6	✓		
VG1.3/ 32 x 254			254	2.2	63.5	138.4	76.2	166.4	95.3	208	120.9	263.9	✓		
VG1.3/ 32 x 305	6.8 X 4.0		305	1.9	76.3	141.8	91.5	170.7	114.4	213.6	146.9	278.2	✓		

✓ - Ex-stock • - Against Order | Ordering Example: Code - Quantity | VG1.3/ 32 x 305 - 20 Pcs

♦ w x t=Approx.

VG

VG1.3
Blue Colour Medium Load
 (Old Code : VB)



Code	OD	ID	L	Spring Constant	25% Minimum Compression		30% Medium Compression		37.5% Maximum Compression		Solid Compression NOT Recommended		Stock		
	w x t				mm	kgf / mm	Compression	Load	Compression	Load	Compression	Load		Compression	Load
	mm	mm					mm	kgf(±10%)	mm	kgf(±10%)	mm	kgf(±10%)		mm	kgf(±10%)
VG1.3/ 40 x 51	40	20	51	18.5	12.8	236.1	15.3	283.4	19.1	353.8	21.4	396.4	✓		
VG1.3/ 40 x 64			64	14.3	16	228.5	19.2	274.2	24	342.7	26.8	382.7	✓		
VG1.3/ 40 x 76			76	11	19	209.2	22.8	251.1	28.5	314	32.7	360.3	✓		
VG1.3/ 40 x 89			89	9.3	22.3	205.8	26.7	247	33.4	309	39	360.8	✓		
VG1.3/ 40 x 102			102	8.3	25.5	210.6	30.6	252.9	38.3	316.4	44.1	364.3	✓		
VG1.3/ 40 x 115			115	7.3	28.8	210.5	34.5	252.7	43.1	315.7	50.6	370.6	✓		
VG1.3/ 40 x 127			127	6.4	31.8	202.9	38.1	243.7	47.6	304.5	55.9	357.5	✓		
VG1.3/ 40 x 139			139	5.9	35	203.6	42	246.3	52.5	307.9	61.8	362.5	✓		
VG1.3/ 40 x 152			152	5.3	38	199.9	45.6	240	57	300	67.5	355.3	✓		
VG1.3/ 40 x 178			178	4.5	44.5	199.8	53.4	240.2	66.8	300.5	77.2	347.3	✓		
VG1.3/ 40 x 203			203	3.7	50.8	189.8	60.9	228	76.1	284.9	91.8	343.6	✓		
VG1.3/ 40 x 254			254	3.1	63.5	194.9	76.2	234	95.3	292.6	112.7	346	✓		
VG1.3/ 40 x 305			8.2 X 4.7	305	2.5	76.3	190.6	91.5	229.6	114.4	287	138.1	346.5	✓	
VG1.3/ 50 x 64	50	25	64	21.3	16	341	19.2	409.3	24	511	28.2	601	✓		
VG1.3/ 50 x 76			76	17.1	19	325	22.8	390.7	28.5	487	34.9	597	✓		
VG1.3/ 50 x 89			89	14.3	22.3	319	26.7	381.3	33.4	478	39.2	561	✓		
VG1.3/ 50 x 102			102	12.1	25.5	309	30.6	371.4	38.3	463	47.3	572	✓		
VG1.3/ 50 x 115			115	10.8	28.8	311	34.5	373	43.1	465	52.6	568	✓		
VG1.3/ 50 x 127			127	9.9	31.8	315	38.1	377	47.6	471	59.8	592	✓		
VG1.3/ 50 x 139			139	8.9	35	312	42	372.7	52.5	467	65.1	579	✓		
VG1.3/ 50 x 152			152	8.2	38	312	45.6	372.1	57	467	70.8	581	✓		
VG1.3/ 50 x 178			178	7.1	44.5	316	53.4	378.5	66.8	474	84.2	598	✓		
VG1.3/ 50 x 203			203	6.1	50.8	310	60.9	356.7	76.1	464	96.5	589	✓		
VG1.3/ 50 x 254			254	4.5	63.5	286	76.2	341.2	95.3	429	121.8	548	✓		
VG1.3/ 50 x 305			11.1 X 5.8	305	3.9	76.3	298	91.5	360.3	114.4	446	146.8	573	✓	
VG1.3/ 63 x 76			63	38	76	31.8	19	604	22.8	725.6	28.5	906	30.7	976	✓
VG1.3/ 63 x 89	89	26.5			22.3	591	26.7	708.1	33.4	885	36.5	967	✓		
VG1.3/ 63 x 102	102	22.5			25.5	574	30.6	689.8	38.3	862	43.6	981	✓		
VG1.3/ 63 x 115	115	19.1			28.8	550	34.5	658.1	43.1	823	48.9	934	✓		
VG1.3/ 63 x 127	127	17.1			31.8	544	38.1	652.9	47.6	814	54.2	927	✓		
VG1.3/ 63 x 152	152	13.9			38	528	45.6	632.6	57	792	65.7	887	✓		
VG1.3/ 63 x 178	178	11.6			44.5	516	53.4	621	66.8	775	76.5	898	✓		
VG1.3/ 63 x 203	203	10.2			50.8	518	60.9	621.2	76.1	776	88	945	✓		
VG1.3/ 63 x 229	229	9.1			57.3	521	68.7	625.1	85.9	782	103.9	899	✓		
VG1.3/ 63 x 254	254	8			63.5	508	76.2	609.3	95.3	762	112.4	898.8	✓		
VG1.3/ 63 x 305	11.5 X 9.1	305			6.6	76.3	504	91.5	603.8	114.4	755	133.8	883	✓	

✓ - Ex-stock • - Against Order | Ordering Example: Code - Quantity | VG1.3/ 63 x 305 - 20 Pcs

◆ w x t = Approx.