

GENERAL PRODUCT LINE DIMENSIONAL SUMMARY

GES-55 LINE (English Units)

Catalog P/N	Spring P/N	DIMENSIONAL INFORMATION						PERFORMANCE DATA
		Rod Size In. (Nominal)	Min. Pocket Diameter In.	Free Bulge Diameter In.	Flange Diameter In.	Overall Height In.	Weight Lbs	Working Load Lbs.
GES-05-155	EPM0884115	0.5	1.06	0.74 ± .06	0.95 ± .03	0.64 ± .06	0.006	40
GES-05-255	EPM0884116					1.18 ± .06	0.010	
GES-05-355	EPM0884117					1.72 ± .06	0.014	
GES-05-455	EPM0884118					2.26 ± .06	0.018	
GES-05-1B55	EPM0884215					0.64 ± .06	0.007	
GES-05-2B55	EPM0884216					1.18 ± .06	0.011	
GES-10-155	EPM0884125	1.0	2.13	1.50 ± .06	1.90 ± .03	1.28 ± .06	0.050	200
GES-10-255	EPM0884126					2.35 ± .06	0.083	
GES-10-355	EPM0884127					3.42 ± .06	0.117	
GES-10-455	EPM0884128					4.50 ± .06	0.150	
GES-10-1B55	EPM0884225					1.28 ± .06	0.056	
GES-10-2B55	EPM0884226					2.34 ± .06	0.089	
GES-15-155	EPM0884135	1.5	3.19	2.25 ± .06	2.86 ± .03	1.90 ± .06	0.16	500
GES-15-255	EPM0884136					3.49 ± .06	0.27	
GES-15-355	EPM0884137					5.06 ± .06	0.38	
GES-15-455	EPM0884138					6.65 ± .09	0.49	
GES-15-1B55	EPM0884235					1.90 ± .06	0.19	
GES-15-2B55	EPM0884236					3.48 ± .06	0.30	
GES-20-155	EPM0884145	2.0	4.25	3.01 ± .06	3.82 ± .03	2.52 ± .06	0.39	900
GES-20-255	EPM0884146					4.65 ± .06	0.64	
GES-20-355	EPM0884147					6.78 ± .09	0.91	
GES-20-455	EPM0884148					8.89 ± .13	1.17	
GES-20-1B55	EPM0884245					2.53 ± .06	0.44	
GES-20-2B55	EPM0884246					4.62 ± .06	0.70	
GES-25-155	EPM0884155	2.5	5.25	3.76 ± .06	4.76 ± .03	3.14 ± .06	0.74	1,300
GES-25-255	EPM0884156					5.74 ± .06	1.24	
GES-25-355	EPM0884157					8.41 ± .09	1.77	
GES-25-455	EPM0884158					11.07 ± .13	2.25	
GES-25-1B55	EPM0884255					3.14 ± .06	0.85	
GES-25-2B55	EPM0884256					5.75 ± .06	1.34	
GES-30-155	EPM0884165	3.0	6.25	4.50 ± .06	5.69 ± .03	3.79 ± .06	1.28	1,700
GES-30-255	EPM0884166					6.88 ± .06	2.12	
GES-30-355	EPM0884167					10.08 ± .09	2.97	
GES-30-455	EPM0884168					13.33 ± .13	3.84	
GES-30-1B55	EPM0884265					3.80 ± .06	1.49	
GES-30-2B55	EPM0884266					6.90 ± .06	2.32	

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GES-55 LINE (Metric Units)

Catalog P/N	Spring P/N	DIMENSIONAL INFORMATION						PERFORMANCE DATA
		Rod Size mm. (Nominal)	Min. Pocket Diameter mm	Free Bulge Diameter mm	Flange Diameter mm	Overall Height mm	Weight	Working Load N
GES-05-155	EPM0884115	12.7	26.9	18.8 ± 1.5	24.1 ± .8	16.3 ± 1.5	3 g	180
GES-05-255	EPM0884116					30.0 ± 1.5	5 g	
GES-05-355	EPM0884117					43.7 ± 1.5	6 g	
GES-05-455	EPM0884118					57.4 ± 1.5	8 g	
GES-05-1B55	EPM0884215					16.3 ± 1.5	3 g	
GES-05-2B55	EPM0884216					30.0 ± 1.5	5 g	
GES-10-155	EPM0884125	25.4	54.1	38.1 ± 1.5	48.3 ± .8	32.5 ± 1.2	23 g	900
GES-10-255	EPM0884126					59.7 ± 1.2	38 g	
GES-10-355	EPM0884127					86.9 ± 1.2	53 g	
GES-10-455	EPM0884128					114.3 ± 1.2	68 g	
GES-10-1B55	EPM0884225					32.5 ± 1.2	25 g	
GES-10-2B55	EPM0884226					59.4 ± 1.2	40 g	
GES-15-155	EPM0884135	38.1	81.0	57.2 ± 1.5	72.6 ± .8	48.3 ± 1.5	73 g	2,200
GES-15-255	EPM0884136					88.6 ± 1.5	122 g	
GES-15-355	EPM0884137					128.5 ± 1.5	172 g	
GES-15-455	EPM0884138					168.9 ± 2.3	222 g	
GES-15-1B55	EPM0884235					48.3 ± 1.5	86 g	
GES-15-2B55	EPM0884236					88.4 ± 1.5	136 g	
GES-20-155	EPM0884145	50.8	108.0	76.5 ± 1.5	97.0 ± .8	64.0 ± 1.5	177 g	4,000
GES-20-255	EPM0884146					118.1 ± 1.5	290 g	
GES-20-355	EPM0884147					172.2 ± 2.3	413 g	
GES-20-455	EPM0884148					225.8 ± 3.3	531 g	
GES-20-1B55	EPM0884245					64.3 ± 1.5	200 g	
GES-20-2B55	EPM0884246					117.3 ± 1.5	317 g	
GES-25-155	EPM0884155	63.5	133.4	95.5 ± 1.5	120.9 ± .8	79.8 ± 1.5	.3 Kg	5,800
GES-25-255	EPM0884156					145.8 ± 1.5	.6 Kg	
GES-25-355	EPM0884157					213.6 ± 2.3	.8 Kg	
GES-25-455	EPM0884158					281.2 ± 3.3	1.0 Kg	
GES-25-1B55	EPM0884255					79.8 ± 1.5	.4 Kg	
GES-25-2B55	EPM0884256					146.1 ± 1.5	.6 Kg	
GES-30-155	EPM0884165	76.2	158.8	114.3 ± 1.5	144.5 ± .8	96.3 ± 1.5	.6 Kg	7,600
GES-30-255	EPM0884166					174.8 ± 1.5	1.0 Kg	
GES-30-355	EPM0884167					256.0 ± 2.3	1.3 Kg	
GES-30-455	EPM0884168					338.6 ± 3.3	1.7 Kg	
GES-30-1B55	EPM0884265					96.5 ± 1.5	.7 Kg	
GES-30-2B55	EPM0884266					175.3 ± 1.5	1.1 Kg	

GENERAL PRODUCT LINE DIMENSIONAL SUMMARY

GES-63 LINE (English Units)

Catalog P/N	Spring P/N	DIMENSIONAL INFORMATION						PERFORMANCE DATA
		Rod Size In. (Nominal)	Min. Pocket Diameter In.	Free Bulge Diameter In.	Flange Diameter In.	Overall Height In.	Weight Lbs	Working Load Lbs.
GES-05-163	EPM0884615	0.5	1.06	0.76 ± .06	0.95 ± .03	0.63 ± .06	0.006	50
GES-05-263	EPM0884616					1.16 ± .06	0.010	
GES-05-363	EPM0884617					1.68 ± .06	0.014	
GES-05-463	EPM0884618					2.21 ± .06	0.018	
GES-05-1B63	EPM0884671					0.63 ± .06	0.007	
GES-05-2B63	EPM0884673					1.16 ± .06	0.011	
GES-10-163	EPM0884625	1.0	2.13	1.54 ± .06	1.90 ± .03	1.25 ± .06	0.051	250
GES-10-263	EPM0884626					2.29 ± .06	0.084	
GES-10-363	EPM0884627					3.34 ± .06	0.118	
GES-10-463	EPM0884628					4.38 ± .06	0.152	
GES-10-1B63	EPM0884676					1.25 ± .06	0.057	
GES-10-2B63	EPM0884678					2.27 ± .06	0.091	
GES-15-163	EPM0884635	1.5	3.19	2.33 ± .06	2.86 ± .03	1.85 ± .06	0.17	600
GES-15-263	EPM0884636					3.39 ± .06	0.28	
GES-15-363	EPM0884637					4.91 ± .09	0.39	
GES-15-463	EPM0884638					6.45 ± .09	0.51	
GES-15-1B63	EPM0884681					1.86 ± .06	0.19	
GES-15-2B63	EPM0884683					3.40 ± .06	0.30	
GES-20-163	EPM0884645	2.0	4.25	3.10 ± .06	3.81 ± .03	2.45 ± .06	0.39	1,100
GES-20-263	EPM0884646					4.52 ± .06	0.66	
GES-20-363	EPM0884647					6.57 ± .09	0.93	
GES-20-463	EPM0884648					8.63 ± .13	1.19	
GES-20-1B63	EPM0884686					2.46 ± .06	0.44	
GES-20-2B63	EPM0884688					4.51 ± .06	0.71	
GES-25-163	EPM0884655	2.5	5.25	3.88 ± .06	4.76 ± .03	3.07 ± .06	0.76	1,700
GES-25-263	EPM0884656					5.64 ± .06	1.27	
GES-25-363	EPM0884657					8.17 ± .09	1.80	
GES-25-463	EPM0884658					10.71 ± .13	2.30	
GES-25-1B63	EPM0884691					3.08 ± .06	0.87	
GES-25-2B63	EPM0884693					5.10 ± .06	1.37	
GES-30-163	EPM0884665	3.0	6.25	4.63 ± .06	5.69 ± .03	3.70 ± .06	1.31	2,100
GES-30-263	EPM0884669					6.69 ± .09	2.16	
GES-30-363	EPM0884667					9.76 ± .09	3.05	
GES-30-463	EPM0884668					13.05 ± .13	3.87	
GES-30-1B63	EPM0884696					3.72 ± .06	1.53	
GES-30-2B63	EPM0884698					6.76 ± .09	2.37	

GENERAL PRODUCT LINE DIMENSIONAL SUMMARY

GES-63 LINE (Metric Units)

Catalog P/N	Spring P/N	DIMENSIONAL INFORMATION						PERFORMANCE DATA
		Rod Size mm (Nominal)	Min. Pocket Diameter mm	Free Bulge Diameter mm	Flange Diameter mm	Overall Height mm	Weight	Working Load N
GES-05-163	EPM0884615	12.7	26.9	19.3 ± 1.5	24.1 ± .8	16.0 ± 1.5	3 g	220
GES-05-263	EPM0884616					29.5 ± 1.5	5 g	
GES-05-363	EPM0884617					42.7 ± 1.5	6 g	
GES-05-463	EPM0884618					56.1 ± 1.5	8 g	
GES-05-1B63	EPM0884671					16.0 ± 1.5	3 g	
GES-05-2B63	EPM0884673					29.5 ± 1.5	5 g	
GES-10-163	EPM0884625	25.4	54.1	39.1 ± 1.5	48.3 ± .8	31.8 ± 1.5	23 g	1,100
GES-10-263	EPM0884626					58.2 ± 1.5	38 g	
GES-10-363	EPM0884627					84.8 ± 1.5	54 g	
GES-10-463	EPM0884628					111.3 ± 1.5	69 g	
GES-10-1B63	EPM0884676					31.8 ± 1.5	26 g	
GES-10-2B63	EPM0884678					57.7 ± 1.5	41 g	
GES-15-163	EPM0884635	38.1	81.0	59.2 ± 1.5	72.6 ± .8	47.0 ± 1.5	77 g	2,700
GES-15-263	EPM0884636					86.1 ± 1.5	127 g	
GES-15-363	EPM0884637					124.7 ± 2.3	177 g	
GES-15-463	EPM0884638					163.8 ± 2.3	231 g	
GES-15-1B63	EPM0884681					47.2 ± 1.5	86 g	
GES-15-2B63	EPM0884683					86.4 ± 1.5	136 g	
GES-20-163	EPM0884645	50.8	108.0	78.7 ± 1.5	96.8 ± .8	62.2 ± 1.5	177 g	4,900
GES-20-263	EPM0884646					114.8 ± 1.5	299 g	
GES-20-363	EPM0884647					166.9 ± 2.3	422 g	
GES-20-463	EPM0884648					219.2 ± 3.3	540 g	
GES-20-1B63	EPM0884686					62.5 ± 1.5	200 g	
GES-20-2B63	EPM0884688					114.6 ± 1.5	322 g	
GES-25-163	EPM0884655	63.5	133.4	98.6 ± 1.5	120.9 ± .8	78.0 ± 1.5	.3 Kg	7,600
GES-25-263	EPM0884656					143.3 ± 1.5	.6 Kg	
GES-25-363	EPM0884657					207.5 ± 2.3	.8 Kg	
GES-25-463	EPM0884658					272.0 ± 3.3	1.0 Kg	
GES-25-1B63	EPM0884691					78.2 ± 1.5	.4 Kg	
GES-25-2B63	EPM0884693					129.5 ± 1.5	.6 Kg	
GES-30-163	EPM0884665	76.2	158.8	117.6 ± 1.5	144.5 ± .8	94.0 ± 1.5	.6 Kg	9,300
GES-30-263	EPM0884669					169.9 ± 2.3	1.0 Kg	
GES-30-363	EPM0884667					247.9 ± 2.3	1.4 Kg	
GES-30-463	EPM0884668					331.5 ± 3.3	1.8 Kg	
GES-30-1B63	EPM0884696					94.5 ± 1.5	.7 Kg	
GES-30-2B63	EPM0884698					171.7 ± 2.3	1.1 Kg	