

INTEGRAL CLAMP TYPE

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► FEATURES:

- Torque range from 33 to 1300 ozf in.
- Zero backlash.
- Zero cyclic speed variation during 360° rotation.
- Very low torsional deflection.



Hi-Flex Bellows Couplings are used for applications which require large amounts of shaft misalignment combined with low resultant radial loads on the bearings.

**INCH COMPONENT**

Catalog Number (Ref.)	Q <sub>M</sub> Max. Torque	P <sub>M</sub> Max. Offset	Θ <sub>M</sub> Max. Angle	S Max. Axial	F Side Force	Φ Torsional Def.	Spring rate lbf / in.
S9901Y-G120134	33	.045	18	.125	.32	36.9	22.6
S9901Y-G125134	33	.045	18	.125	.32	36.9	22.6
S9901Y-G125124	41	.028	13	.117	.53	18.2	17.5
S9901Y-G188134	33	.045	18	.125	.32	36.9	22.6
S9901Y-G188124	41	.028	13	.117	.53	18.2	17.5
S9901Y-G188110	53	.017	10	.090	1.11	14.3	22.8
S9901Y-G250134	33	.045	18	.125	.32	36.9	22.6
S9901Y-G250124	41	.028	13	.117	.53	18.2	17.5
S9901Y-G250110	53	.017	10	.090	1.11	14.3	22.8
S9901Y-G250120	186	.014	8	.083	3.37	6.2	58.7
S9901Y-G313138	348	.018	7.6	.105	3.47	3.2	63.8
S9901Y-G313189	150	.068	16	.230	.53	5.4	26.1
S9901Y-G375189	150	.068	16	.230	.53	5.4	26.1
S9901Y-G375116	1000	.001	1	.026	307.12	.3	397.3
S9901Y-G500116	1000	.001	1	.026	307.12	.3	397.3
S9901Y-G500185	1300	.018	6	.129	8.02	.8	115.2

- Q<sub>M</sub> = Maximum rated instantaneous torque in ounce inches
- P<sub>M</sub> = Maximum permissible parallel misalignment
- Θ<sub>M</sub> = Maximum permissible angular misalignment in degrees
- S = Maximum permissible compression of the coupling (axial deflection) inches
- F = Radial reaction force (side force) in ounces per .001" of parallel misalignment (average)
- Φ = Torsional deflection (twist) in seconds of arc per ounce inch of torque (average)