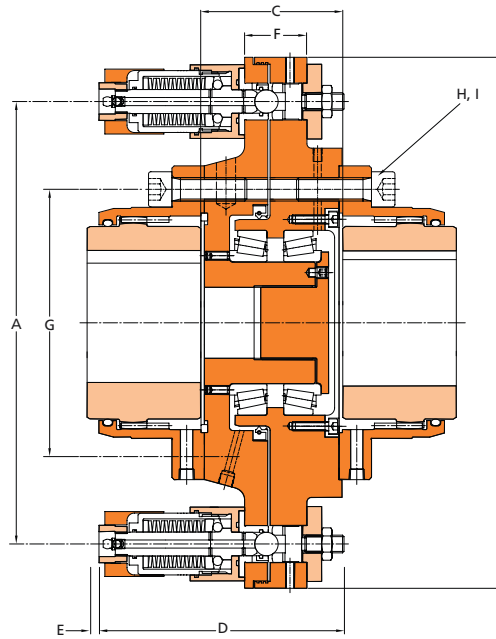


Brunel Safety Element Torque Limiters

For American Gear Coupling



The "SE" Series are manual reset, modular ball detent torque limiters. They are mounted between coupling halves, or U-joint flanges or other arrangements. The module construction allows assemblies of unlimited torque capacity, protecting the largest drive lines made.

Model Number	SE1025	SE1030	SE2035	SE2040	SE2045	SE2050	SE2055
Gear Coupling Size	2.5	3	3.5	4	4.5	5	5.5
Size of Module	JSE1	JSE1	JSE2	JSE2	JSE2	JSE2	JSE2
Quantity of Modules	4	6	3	4	5	6	7
A - Pitch Circle Diameter of Modules	11.81	11.81	15.35	15.35	18.11	18.11	21.26
Minimum Release Torque (lb in)	17,700	26,600	46,050	61,400	90,500	108,700	148,800
Maximum release Torque (lb in)	92,500	138,800	253,300	337,700	498,000	597,600	818,500
Recommended Max. Setting (lb in)	60,100	90,200	164,600	219,500	323,700	388,500	532,000
B - Torque Limiter Outside diameter	14.17	14.17	18.5	18.5	21.25	21.25	24.41
C - Torque Limiter Width	3.60	3.60	3.62	3.62	3.62	3.62	3.62
D - Overall Width	4.96	4.96	7.83	7.83	7.83	7.83	7.83
E - Breakout Extension	0.25	0.25	0.32	0.32	0.32	0.32	0.32
F - Flange Gap	2.07	2.07	3.62	3.62	3.62	3.62	3.62
G - Gear Clpg Bolt Circle Diameter	7.125	8.125	9.5	11	12	13.5	14.5
H - Tapped Hole Size	5/8"	5/8"	3/4"	3/4"	3/4"	7/8"	7/8"
I - Number of Tapped Holes	6	8	8	8	10	8	14
Shipping Weight (lbs)	127.6	132	290	297	365.2	372	405

Model Number	SE3060	SE3070	SE3080	SE3090	SE30100	SE30110	SE30120
Gear Coupling Size	6	7	8	9	10	11	12
Size of Module	JSE3	JSE3	JSE3	JSE3	JSE3	JSE3	JSE3
Quantity of Modules	3	3	4	5	6	8	9
A - Pitch Circle Diameter of Modules	22.83	25.98	28.35	31.1	33.07	35.43	38.58
Minimum Release Torque (lb in)	231,200	263,000	382,700	524,800	669,700	956,600	1,171,900
Maximum release Torque (lb in)	1,301,300	1,480,900	2,154,600	2,954,500	3,770,000	5,385,400	6,597,200
Recommended Max. Setting (lb in)	845,900	962,900	1,400,500	1,920,400	2,450,500	3,500,500	4,288,200
B - Torque Limiter Outside diameter	27.95	31.1	33.46	36.22	38.19	40.55	43.7
C - Torque Limiter Width	3.66	5.24	5.63	5.63	5.63	6.02	6.02
D - Overall Width	10.71	10.71	10.71	10.71	10.71	10.71	10.71
E - Breakout Extension	0.55	0.55	0.55	0.55	0.55	0.55	0.55
F - Flange Gap	3.66	3.66	3.66	3.66	3.66	3.66	3.66
G - Gear Clpg Bolt Circle Diameter	15.75	18.25	20.75	23.25	25.25	27.5	30
H - Tapped Hole Size	7/8"	1"	1.25"	1.25"	1.25"	1.5"	1.5"
I - Number of Tapped Holes	14	16	16	18	18	18	18
Shipping Weight (lbs)	737	1045	1287	1540	1738	2112	2464

Consult factory for special application