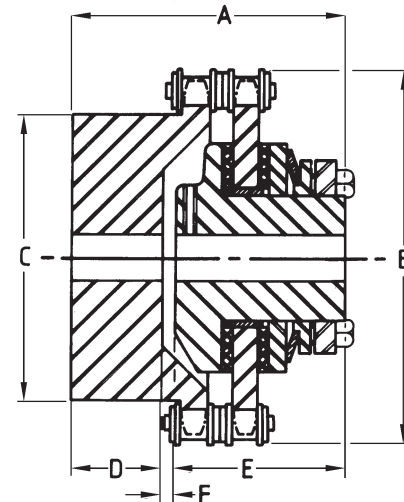


Torque Limiter Couplings



Torque Limiter combined with Roller Chain Flexible Coupling

The Torque Limiter Coupling combines overload protection with ability to connect in-line shafts. The unit consists of a standard Torque Limiter and platewheel connected to a special coupling sprocket by duplex Roller Chain. Available in eleven standard sizes, they are easy assembly units providing protection and reliability. For selection refer to page 6.



Capacities and Dimensions

Catalogue Number	Misalignment		Torque Capacity Nm		Minimum Plain Bore		Maximum Bore		Sprocket Size	Dimensions mm						Weight* Kg
	Max. Pall. mm	Max. Angle	Min.	Max.	Limiter mm	Coupling mm	Limiter mm	Coupling mm		A	B	C	D	E	F	
M30-2C	0.20	30'	3	10	4.5	11	11	22	06B-16	55.0	57.1	37.0	22.5	31.0	1.5	0.5
M40-1C M40-2C M40-3C	0.20	30'	4 7 10	15 28 40	7	8	14	35	06B-22	55.0	75.2	55.0	25.0	28.0	2.0	0.8
M45-1C M45-2C M45-3C	0.20	30'	7 13 17	30 55 70	7	8	20	40	06B-22	59.5	75.2	55.0	25.0	33.0	1.5	0.9
200M-1C 200M-2C	0.25	30'	3 6	13 25	11	14	22	42	08B-20	73.3	93.0	66.0	22.0	47.6	3.7	1.8
250M-1C 250M-2C	0.25	30'	7 12	34 67	11	11	22	50	08B-22	76.7	101.0	75.4	25.4	47.6	3.7	2.0
350M-1C 350M-2C	0.31	30'	20 34	100 200	18	18	25	70	10B-24	103.7	136.5	104.4	38.1	61.9	3.7	5.2
500M-1C 500M-2C	0.38	30'	48 88	283 566	22	22	41	95	12B-28	121.2	186.8	149.3	41.3	76.2	3.7	12.2
700M-1C 700M-2C	0.51	30'	110 224	770 1540	24	24	64	135	16B-28	168.1	247.5	199.4	66.7	98.4	3.0	31.3
M200-24C	0.51	30'	440 800	2200 4000	35	35	80	100	16B-30	194.0	264.0	150.0	85.0	105.0	3.0	41.5
M254-32C	0.76	30'	760 1350	3800 6800	48	51	90	150	24B-24	214.0	326.0	232.0	90.0	120.0	4.0	74.6
M280-32C	0.76	30'	1100 2000	5500 10000	48	51	120	200	24B-30	214.0	398.0	302.0	90.0	120.0	4.0	98.2

*Weights are for Torque Limiter and Coupling unbored.

Good Reasons to fit a Morse Torque Limiter on your Equipment.

Design

Protection for expensive components within the drive system or structural framework, gives longer machine life with increased reliability in service, and reduction of expensive downtime.

Maintenance

Maintenance is reduced by the inherent protection offered by the torque limiter, which in itself is inexpensive, corrosion resistant, and extremely easy to maintain.

Product Improvement

Many existing machines can be fitted with a torque limiter, without modification to the design, by replacing a sprocket with a torque limiter fitted with a platewheel, or for in-line drives by replacing existing coupling with a torque limiter coupling.