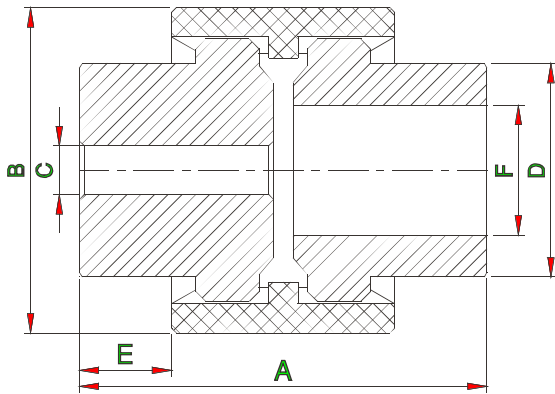


NYLOCAST SLEEVE GEAR COUPLING



THE NYLOCAST SLEEVE GEAR COUPLING CONSISTS OF TWO STEEL GEAR HUBS ENGAGING IN A SLEEVE OF HIGH GRADE ENGINEERING PLASTIC MATERIAL OF SUPERIOR STRENGTH AND HIGH TEMPERATURE RESISTANCE. THE CROWNED GEAR TOOTH PERMITS AXIAL AND ANGULAR MISALIGNMENT. NO TRANSMISSION NOISE DUE TO THE COUPLING. THE COUPLING IS EASY TO ASSEMBLY AND REQUIRE NO MAINTENCE AND LUBRICATION.

MAXIMUM RATING

Coupling Size	H.P. at 3000 R.P.M.	H.P. at 1500 R.P.M.	H.P. at 1000 R.P.M.	H.P. at 750 R.P.M.	Max. Torque at 1500 R.P.M.	MAX. R.P.M.
JT 19	3	2	1.5	1	0.4 Kgm.	11000
JT 28	10	7.5	5	3	2.1 Kgm.	8200
JT 38	19	16	12	8	6.8 Kgm.	6500
JT 48	30	25	20	15	14.0 Kgm.	5800
JT 65	75	75	50	40	35.1 Kgm.	4500

FOR SHOCK LOAD APPLICATIONS USE THE FOLLOWING SAFETY FACTOR F.

UNIFORM- 1.0 MODERATE- 1.25 HEAVY- 1.75

RATING OF COUPLING = $\frac{\text{HP. OF APPLICATION} \times 100 \times \text{MAXIMUM PERMISSABLE ANGULAR MISALIGNMENT} \pm 1 \text{ DEGREE}}{\text{RPM OF APPLICATION}}$

INSTALLATION DATA

Coupling Size	Total Length A (mm.)	Out Side Dia. B (mm.)	Pilot Bore C (mm.)	Boss Dia. D (mm.)	Hub Width E (mm.)	Max. bore F (mm.)
JT 19	54	48	8	32	16	19
JT 28	84	66	10	45	20	28
JT 38	84	83	14	58	21	38
JT 48	104	100	14	68	22	48
JT 65	144	140	20	96	32	65