



Flexitech Nylon gear Coupling is curved tooth coupling consisting of two steel crowned teeth hubs which are connected with nylon (Polyamide) internally toothed sleeve. These materials are resistant to all the usual commercial lubricants and hydraulic fluids.

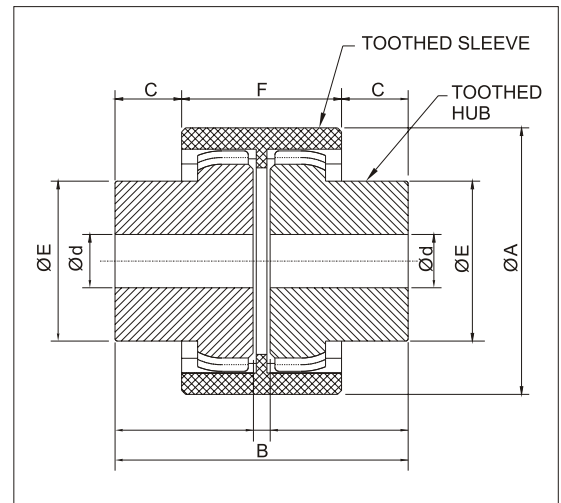
## *FEATURES*

- Operating temp. range  $-20^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$
- Accommodated axial, parallel and angular shaft displacement (misalignment)
- Suitable for vertical and horizontal application.
- Simple & easy to assemble - Axial Plug In.
- Low weight & compact in assembly.
- Low inertia - high efficiency, small restoring forces in case of axial misalignment.
- Maintenance free due to combination of steel & nylon (polyamide) favourable frictional characteristics.
- Useful for wide range of machinery and hydraulics.

## GUIDELINES FOR ASSEMBLY

The maximum speed and maximum misalignment cannot be used at the same time: the presence of misalignment reduces the maximum speed as indicated in the data. With constant torque and well-aligned shafts, Flexitech Nylon Gear Couplings can be used up to the maximum torque.

It is important that the sleeve slides easily in the axial direction. Accurate alignment of shafts improves the life of this coupling.



## TECHNICAL DATA

Coupling Size	Coupling Rating For 100rpm		Rated Torque Nm	Max Speed Rpm	Bore $\text{Ø d}$		$\text{ØA}$	B	C	$\text{ØE}$	F
	HP	kw			Min.	Max.					
	19	0.23			0.17	16.6					
28	0.66	0.49	47	8500	15	28	66	80	13	44	46
38	1.18	0.88	84	6700	15	38	86	83	17	59	49
48	2.94	2.19	209	6000	15	48	100	110	28	67	54
65	5.4	4.0	380	4000	25	65	142	148	39	96	72