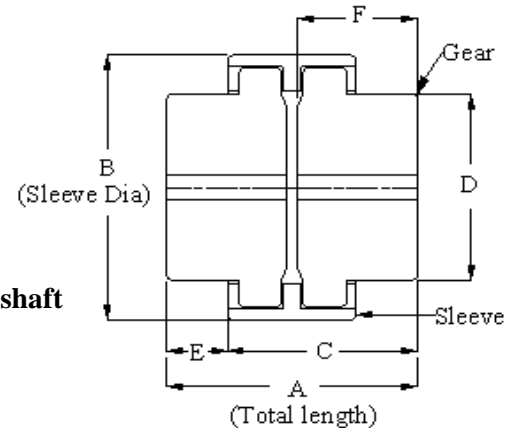


CURVED TOOTH GEAR COUPLING

FLUDEN

- Application to all range of hydraulic equipment and in the transmission market.
- Maintenance free no lubrication Crowned – tooth form gears permitting axial and angular misalignment
- Cost effective, Easy to assemble
- 2 drive hubs engaging in a sleeve
- Compact and streamlined available in five sizes to suit 1 to 75 HP maximum
- Maximum permissible angular misalignment 1.5 degrees. Ensure that the coupling hubs easily fit on shaft.
- Do not use undue force.
- Maintain gap between hubs as shown in sketch.
- Use grub screws to locate gear hubs on their respective shaft
- For shock load application use the following formula



ORDERING MODEL CODE

M	GEAR COUPLING
19	SIZE

Rating / 100 RPM of coupling

$\frac{Hp \text{ of application} \times 100}{RPM \text{ of application}}$

DIMENSION	M-19 MM	M-28 MM	M-38 MM	M-48 MM	M-65 MM
A	53.0	81	84	106	146
B	49.0	67	85	103.5	138.5
C	45.0	64	67	79	111
D	30.5	45	59	68	96
E	8.0	17	17	27	35
F	25.0	40	40	50	70
G Pilot bore dia	10.0	10	12	12	18
Teeth	24.0	34	44	50	54

COUPLING SIZE	3000 RPM		1500 RPM		1000 RPM		750 RPM		MAX TORQUE AT 1500 RPM		MAX RPM	WEIGHT KGS
	KW	HP	KW	HP	KW	HP	KW	HP	KG.M	FT.LBS		
19	1.5	2	0.75	1	0.75	1	0.75	1	0.5	3.5	3000	0.33
28	7.5	10	3.7	5	3.7	5	2.2	3	2.5	17.5	3000	1.06
38	10	13.5	7.5	10	5.5	7.5	3.36	4.5	4.8	35	3000	1.83
48	22	30	18	25	15	20	11	15	12	87.5	3000	3.15
65	55	75	55	75	37	50	30	40	35.5	260	3000	9.13

TOLARNCE =±1MM

DIMENSION IN MM FOR REFERANCE ONLY

