

FLEXIBLE DRIVE COUPLING

SALIENT FEATURES

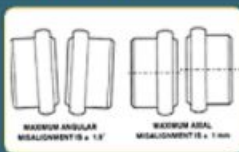
- Protects gauge from hydraulic shock and mechanical vibrations.
- Prolongs the gauge life atleast fifty times more.
- Easy to operate.
- Can also be used as a three Way Two Position Directional Valve due to its unique design.
- Can be used in Lubrication System also. Just flashing definite quantity of oil at high pressure by pressing the knob and closing tank port.
- 100% factory tested.
- Both the models round shape and square shape are readily available at the same cost.
- Square shape model provides more advantage during mouning the vave on the panel as it can be directly held by the spanner.



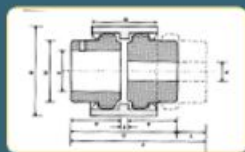
$$\text{Rating of coupling} = (\text{HLP of application} \times 100 \times F) / (\text{RPM of application})$$

SERVICE FACTOR (F)

APPLICATION	Electric Motors	Petrol/Diesel Engine
Uniform Load	1.00	1.20
Light Load (L)		
Medium Load (M)	1.25	1.50
Heavy Load (H)	1.75	2.00



The Data mentioned below for Torque and horsepower is applicable for the general use. For specific application Contact our design staff



Model Code Coupling Size	Part No	Bore Size		Hub Length	Sleeve dia	Hub Dia	Sleeve Length	Gap Between 2 Hubs	Length With Clearance	overall Length	Hub withdrawal Clearance
		Max H	Pilot P								
M 14	0060	14	8	23	40	25	37	4	66	50	16
M 19	0100	19	8	25	50	30	37	4	72	54	18
M 28	0200	28	10	40	68	44	46	4	104	84	20
M 38	0300	38	12	40	85	58	48	4	104	84	20
M 48	0400	48	16	50	100	68	50	4	126	104	22
M 55	0450	55	16	60	124	83	65	4	152	124	28
M 65	0600	65	16	70	140	96	70	4	176	142	32

Rated Torque and Horsepower Capacity at VARYING SPEEDS (R.P.M)

Coupling Size	Suitable AC Motor Frame Size	3000 RPM			1500 RPM			1000 RPM			750 RPM			MAX. RPM
		HP	KW	T (NM)	HP	KW	T (NM)	HP	KW	T (NM)	HP	KW	T (NM)	
M 14	71	0.5	0.37	1.3	0.35	0.25	1.8	0.25	0.18	2	0.12	0.09	1.4	7000
M 19	80	1.5	1.1	3.7	1	0.75	5.1	0.75	0.55	5.8	0.25	0.25	3.5	7000
M 28	112M	5.5	4	13	5.5	4	27	3	2.2	22	2	1.5	21	5000
M 38	132S	10	7.5	25	7.5	5.5	36	4	3	30	3	2.2	29	5000
M 48	180M	30	22	71	25	18.5	121	20	15	148	15	11	145	4000
M 55	225S	50	37	120	50	37	240	30	22	215	20	15	198	4000
M 65	250M	75	55	177	75	55	368	50	37	361	40	30	392	3000