

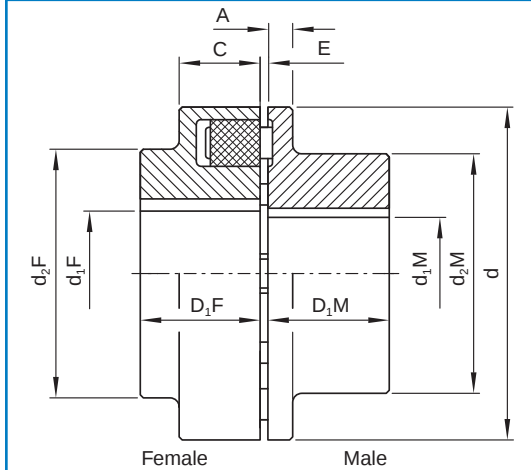
NEW-PEX

NEW-PEX Coupling

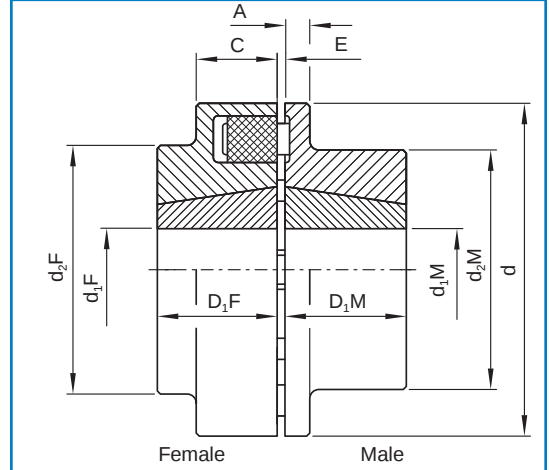


- Allows high levels of torsional flexibility
- Absorbs vibrations
- Dampens shock loads
- High speed capability
- The ideal motor coupling

NEW-PEX Coupling - Pilot bored



NEW-PEX Coupling Taper bush



NEW-PEX Coupling Data - Pilot bored

Size	$\frac{P_N}{n}$	Max Torque Nm	Max Speed min^{-1}	Max d_1F	Bore d_1M	d	d_2F	d_2M	L	E	C	A	F kgm^2	Inertia M kgm^2	Total kgm^2	F kg	Mass M kg	Total kg
B 58	0.002	19	5000	19	24	58		40	20	2 - 4	20	8	0.0001	0.0001	0.0002	0.22	0.23	0.45
B 68	0.0036	34	5000	24	28	68		50	20	2 - 4	20	8	0.0002	0.0001	0.0003	0.31	0.32	0.63
B 80	0.0063	60	5000	30	38	80		68	30	2 - 4	30	10	0.0006	0.0006	0.0012	0.79	0.72	1.51
B 95	0.011	100	5000	42	42	95	76	76	35	2 - 4	30	12	0.0013	0.0014	0.0027	1.20	1.40	2.60
B 110	0.017	160	5000	48	48	110	86	86	40	2 - 4	34	14	0.0027	0.0028	0.0055	1.90	2.00	3.90
B 125	0.025	240	5000	55	55	125	100	100	50	2 - 4	36	18	0.005	0.0057	0.0107	2.90	3.30	6.20
B 140	0.038	360	4900	60	60	140	100	100	55	2 - 4	34	20	0.007	0.007	0.014	3.30	3.60	6.90
B 160	0.059	560	4250	65	65	160	108	108	60	2 - 6	39	20	0.013	0.012	0.025	4.70	4.70	9.40

NEW-PEX Coupling Data - Taper bored

Size	$\frac{P_N}{n}$	Max Torque Nm	Max Speed min^{-1}	Taper Bush	Max d_1F	Bore d_1M	d	d_2F/M	d_1F	d_1M	C	L	F kgm^2	Inertia M kgm^2	Total kgm^2	F kg	Mass M kg	Total kg
80	0.63	60	5000	1108	10	28	80	-	22.5	22.5	22	2 - 4	0.0004	0.0003	0.0007	0.43	0.47	0.90
95	1.1	100	5000	1210	12	32	95	76	26.5	26.5	26	2 - 4	0.0010	0.0008	0.0018	0.60	0.65	1.25
110	1.7	160	5000	1615	14	40	110	86	38.5	38.5	38	2 - 4	0.0023	0.002	0.0043	1.30	1.40	2.70
125	2.5	240	5000	2012	14	50	125	100	32.5	32.5	32	2 - 4	0.0038	0.005	0.0088	1.52	1.80	3.32
140	3.8	360	4900	2012	14	50	140	100	34.0	32.5	32	2 - 4	0.0050	0.007	0.012	1.70	2.10	3.80
160	5.9	560	4250	2517	16	60	160	108	46.0	46.0	45	2 - 6	0.010	0.011	0.021	2.60	3.00	5.60
180	9.2	880	3800	2517	16	60	180	125	46.0	46.0	45	2 - 6	0.018	0.021	0.039	3.27	3.20	6.47
200	14.0	1340	3400	3020	24	75	200	140	52.0	52.0	51	2 - 6	0.030	0.028	0.058	4.90	5.80	10.70
225	21.0	2000	3000	3020	24	75	225	150	52.0	52.0	51	2 - 6	0.068	0.053	0.121	5.65	6.50	12.15
250	29.0	2800	2750	3535	35	90	250	165	90.0	90.0	89	3 - 8	0.120	0.120	0.240	12.50	13.00	25.50

Notes

P_N = Nominal power rating.

n = Speed in revs per min

F = Female part

M = Male part

Weight and inertia figures are for a mid range bore.

Temperature range. -30°C to 75°C

Fit one today

Never a problem always a ...

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