

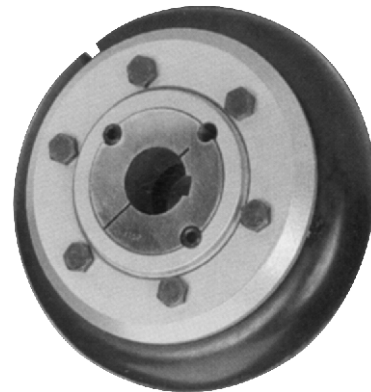
TYRE COUPLING

TYRE

The Tyre coupling is primarily designed to allow for misalignment both angular and parallel and compensates for end float. Furthermore torsional vibration is reduced and shock loads minimized by the flexing body. The coupling has been successfully subjected, under normal circumstances, to angular misalignment up to 4°, parallel misalignment up to 3mm and end float up to 8mm. The design of the coupling, having a flexing member with remarkable durability, suppresses the initial shock load and eliminates to a marked degree the stresses common to power driven machinery. Tyres are available in Natural Rubber and also FRAS.

Part No.	Max Bore	Power at 100 RPM kW	Nominal Torque (Nm)	Normal Maximum Speed (RPM)
A-40	25.0	0.220	21.0	4500
A-50	32.0	0.560	53.5	4500
A-60	42.0	1.110	106.0	4000
A-70	42.0	1.700	162.4	3600
A-80	50.0	2.650	253.1	3100
A-90	60.0	3.830	365.8	2750
A100	60.0	5.300	506.2	2600
A110	60.0	7.460	712.4	2300
A120	75.0	12.380	1182.3	2050
A140	90.0	19.690	1880.4	1800
A160	100.0	32.600	3113.3	1600
A180	110.0	57.500	5491.3	1450

PERFORMANCE DATA



DIMENSIONAL DATA

Part No.	Bore		Bush		A	B	C	D
	Min	Max	S	R				
A-40	12.0	25.0	1008	1008	105.0	66.0	22.2	-
A-50	12.0	32.0	1210	1210	133.0	75.0	25.4	79.0
A-60	12.0	42.0	1610	1610	165.0	83.0	25.4	103.0
A-70	12.0	42.0	1610	2012	187.0	100.0	25.4	76.0
A-80	16.0	50.0	2012	2012	211.0	107.0	31.8	95.0
A-90	19.0	60.0	2517	2517	235.0	136.0	44.5	111.0
A100	19.0	60.0	2517	3020	245.0	138.0	44.5	124.0
A110	19.0	60.0	3020	3020	279.0	135.0	44.5	140.0
A120	32.0	75.0	3020	3525	314.0	151.0	50.8	152.0
A140	35.0	90.0	3525	3525	359.0	203.0	88.9	195.0
A160	40.0	100.0	4030	4030	402.0	226.0	101.6	216.0
A180	60.0	110.0	4535	4535	470.0	261.0	114.3	252.0

