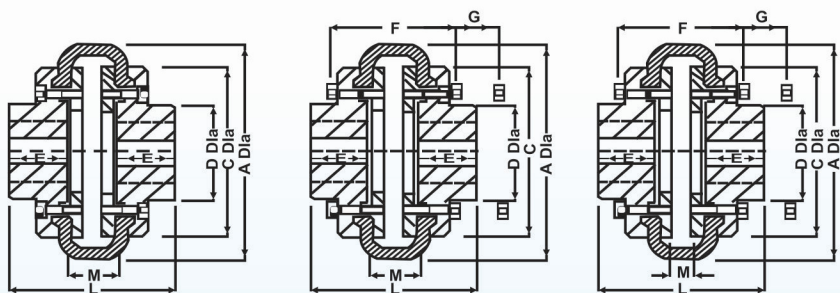




UNIQUE COUPLINGS INDIA

ISO 9001: 2008

UNIQUE PX TYRE COUPLING BORED TO SIZE



Sizes PX 40 to PX 60

Sizes PX 70 to PX 120

Sizes PX 140 to PX 180



DIMENSIONAL CHART

Size	Max Bore mm	Pilot Bore mm	A Dia mm	C Dia mm	D Dia mm	E mm	F mm	G mm	L mm	M mm	Wt Kg	WR ² kgm ²	Bolt T T NM
PX40	30	13	104	82	-	22	-	43	66	22	2.0	0.001	15
PX45	32	13	120	94	-	25	-	43	74	24	3.0	0.002	15
PX50	38	18	133	100	79	32	-	43	89	25	3.5	0.003	15
PX60	48	18	165	125	72	38	-	43	109	33	5.0	0.010	15
PX70	55	20	197	144	80	45	101	10	130	40	8.0	0.018	24
PX80	65	26	211	167	95	51	106	10	145	43	12.0	0.037	24
PX85	70	32	222	179	103	53	106	13	150	44	14.0	0.050	32
PX90	76	32	235	188	110	57	119	13	160	46	16.0	0.064	32
PX100	85	32	254	216	124	60	123	13	168	48	22.0	0.120	32
PX110	90	32	279	233	140	66	127	14	176	44	28.0	0.160	32
PX120	102	32	314	264	155	76	140	14	201	49	42.0	0.343	35
PX140	120	40	359	311	195	89	152	14	202	24	62.0	0.695	35
PX160	140	50	395	345	216	102	160	16	220	16	86.0	1.22	90
PX180	160	60	470	398	266	114	190	16	258	30	140.0	2.01	90

TECHNICAL SPECIFICATION

Size	Max Speed RPM	Rating			KW rating at common RPMs					Tor. Stiff Nm/deg	Max Misalignment		
		Torque		KW/100 rpm	585	720	970	1440	2880		Ang. deg	Para-llal mm	Axial Mm
		Cont Nm	Max Nm										
PX40	4500	21	64	0.22	1.3	1.6	2.1	3.2	6.3	5	4	1.1	1.3
PX45	4500	37	110	0.39	2.3	2.8	3.8	5.6	11	9	4	1.2	1.5
PX50	4500	53	160	0.56	3.3	4.0	5.4	8.0	16	13	4	1.3	1.7
PX60	4000	106	318	1.11	6.5	8.0	10.8	16	32	26	4	1.6	2.6
PX70	3600	162	487	1.70	10	12	16.2	24	49	41	4	1.9	2.3
PX80	3100	253	759	2.65	15	19	25.6	38	76	63	4	2.1	2.6
PX85	3000	305	915	3.20	19	23	31	46	92	76	4	2.2	2.8
PX90	2880	365	1096	3.82	22	28	38	55	110	91	4	2.4	3.0
PX100	2600	505	1517	5.29	31	38	51	76		126	4	2.6	3.3
PX110	2300	712	2137	7.46	44	54	73	107		178	4	2.9	3.7
PX120	2050	1182	3547	12.4	73	89	120	178		296	4	3.2	4.0
PX140	1800	1881	5642	19.7	115	142	191	284		470	4	3.7	4.6
PX160	1600	3113	9339	32.6	191	235	316	469		778	4	4.2	5.3
PX180	1450	5485	16455	57.5	336	410	557	827		1371	4	4.8	6.0

EQUIVALENCE CHART Of UNIQUE Sizes

UNIQUE	FENNER
PX-40	F-40
PX-45	F-45
PX-50	F-50
PX-60	F-60
PX-70	F-70
PX-80	F-80
PX-90	F-90
PX-100	F-100
PX-110	F-110
PX-120	F-120
PX-140	F-140
PX-160	F-160
PX-180	F-180

Unique-"PX" Couplings accommodate angular misalignment, parallel misalignment and end float either singly or in any combination. They also isolate vibration and cushion loads to increase machinery life.

UNIQUE-PX Couplings require no lubrication. This not only reduces maintenance but also promotes cleanliness especially desirable in food processing textile and chemical plants or any place where Couplings are not easily accessible or difficult to inspect and maintain.