

# Modifications/Accessories

## PARA-FLEX Elements - Part Numbers

Element Size	Standard Part No.	Neoprene (1) Part No.	Cordless (2) Part No.	Weight (kg)
PX40	011529	012455	012456	0.14
PX50	011105	011296	011285	0.32
PX60	011106	011297	011286	0.54
PX70	011107	011298	011287	0.73
PX80	011108	011299	011288	1.00
PX90	011109	011300	011289	1.09
PXI00	011110	011301	011290	1.13
PX110	011111	011302	---	1.36
PX120	011112	011303	011292	2.18
PX140	011114	011304	---	2.54
PX160	011117	011305	---	4.13
PX200	011120	011306	---	9.43
PX240	011124	011312	---	12.25
PX280	011457	011313	---	20.41
PX320	011463	011315	---	36.29

- (1) Neoprene element ratings are the same as the standard natural rubber element ratings. (Green sticker or painted mark)  
 (2) Cordless elements have an average static torsional stiffness 25% of the standard element and approximately 25% of the torque rating. (White sticker or painted mark)

## GRID-LIGN Replacement Grids, Covers, and Seals - Part Numbers

Coupling Size	Grid	T10Cover Assembly	T10 Seal Kit	T20Cover Assembly	T20 Seal Kit
1020T	006275	006250	006805	006260	006815
1030T	006276	006251	006806	006261	006816
1040T	006277	006252	006807	006262	006817
1050T	006278	006253	006808	006263	006818
1060T	006279	006254	006809	006264	006819
1070T	006280	006255	006810	006265	006820
1080T	006281	006256	006811	006266	006821
10901	006282	006257	006812	006267	006822
1100T	006283	006258	006813	006268	006823
1110T	006284	006259	006814	006269	006824
1120T	007462	007471	007520	426672	007529
1130T	007463	007472	007521	426673	007530
1140T	007464	007473	007522	426674	007531
1150T	007465	007474	007523	007011	007532
1160T	007466	007475	007524	007012	007533
1170T	007467	007476	007525	007013	007534
1180T	007468	007477	007526	007014	007535
1190T	007469	007478	007527	007015	007536
1200T	007470	007479	007528	007016	007537

# Engineering Section

## Standard metric bore and keyway tolerances for Dodge Couplings

Nominal Shaft Diameter (mm)	Shaft Diameter			Clearance Fit		Transitional Fit		Interference Fit		Keyway Nominal		Width, D10		Scribe Height		
	Max/Min	Hub Bore	Fit	Hub Bore	Fit	Hub Bore	Fit	Hub Bore	Fit	Width	X	Height	Min	Max	Min	Max
12	12.008 / 11.997	12.016 / 12.034	0.008 / 0.037	12.000 / 12.018	-0.008 / 0.021	11.985 / 11.996	-0.023 / -0.001	4	X	1.8	4.03	4.078	13.8	13.9		
14	14.008 / 13.997	14.016 / 14.034	1.008 / 1.037	14.000 / 14.018	-0.008 / 0.021	13.985 / 13.996	-0.023 / -0.001	5	X	2.3	5.03	5.078	16.3	16.4		
16	16.008 / 15.997	16.016 / 16.034	2.008 / 2.037	16.000 / 16.018	-0.008 / 0.021	15.985 / 15.996	-0.023 / -0.001	5	X	2.3	5.03	5.078	18.3	18.4		
18	18.008 / 17.997	18.016 / 18.034	3.008 / 3.037	18.000 / 18.018	-0.008 / 0.021	17.985 / 17.996	-0.023 / -0.001	6	X	2.8	6.03	6.078	20.8	20.9		
19	19.009 / 18.996	19.020 / 19.041	0.011 / 0.045	19.000 / 19.021	-0.009 / 0.025	18.983 / 18.996	-0.026 / 0.000	6	X	2.8	6.03	6.078	21.8	21.9		
20	20.009 / 19.996	20.020 / 20.041	0.011 / 0.045	20.000 / 20.021	-0.009 / 0.025	19.983 / 19.996	-0.026 / 0.000	6	X	2.8	6.03	6.078	22.8	22.9		
22	22.009 / 21.996	22.020 / 22.041	0.011 / 0.045	22.000 / 22.021	-0.009 / 0.025	21.983 / 21.996	-0.026 / 0.000	6	X	2.8	6.03	6.078	24.8	24.9		
24	24.009 / 23.996	24.020 / 24.041	0.011 / 0.045	24.000 / 24.021	-0.009 / 0.025	23.983 / 23.996	-0.026 / 0.000	8	X	3.3	8.04	8.098	27.3	27.5		
25	25.009 / 24.996	25.020 / 25.041	0.011 / 0.045	25.000 / 25.021	-0.009 / 0.025	24.983 / 24.996	-0.026 / 0.000	8	X	3.3	8.04	8.098	28.3	28.5		
28	28.009 / 27.996	28.020 / 28.041	0.011 / 0.045	28.000 / 28.021	-0.009 / 0.025	27.983 / 27.996	-0.026 / 0.000	8	X	3.3	8.04	8.098	31.3	31.5		
30	30.009 / 29.996	30.020 / 30.041	0.011 / 0.045	30.000 / 30.021	-0.009 / 0.025	29.983 / 29.996	-0.026 / 0.000	8	X	3.3	8.04	8.098	33.3	33.5		
32	32.018 / 32.002	32.025 / 32.050	0.007 / 0.048	32.000 / 32.025	-0.018 / 0.023	31.987 / 32.003	-0.031 / 0.001	10	X	3.3	10.04	10.098	35.3	35.5		
35	35.018 / 35.002	35.025 / 35.050	0.007 / 0.048	35.000 / 35.025	-0.018 / 0.023	34.987 / 35.003	-0.031 / 0.001	10	X	3.3	10.04	10.098	38.3	38.5		
38	38.018 / 38.002	38.025 / 38.050	0.007 / 0.048	38.000 / 38.025	-0.018 / 0.023	37.987 / 38.003	-0.031 / 0.001	10	X	3.3	10.04	10.098	41.3	41.5		
40	40.018 / 40.002	40.025 / 40.050	0.007 / 0.048	40.000 / 40.025	-0.018 / 0.023	39.987 / 40.003	-0.031 / 0.001	12	X	3.3	12.05	12.12	43.3	43.5		
42	42.018 / 42.002	42.025 / 42.050	0.007 / 0.048	42.000 / 42.025	-0.018 / 0.023	41.987 / 42.003	-0.031 / 0.001	12	X	3.3	12.05	12.12	45.3	45.5		
45	45.018 / 45.002	45.025 / 45.050	0.007 / 0.048	45.000 / 45.025	-0.018 / 0.023	44.987 / 45.003	-0.031 / 0.001	14	X	3.8	14.05	14.12	48.8	49		
48	48.018 / 48.002	48.025 / 48.050	0.007 / 0.048	48.000 / 48.025	-0.018 / 0.023	47.987 / 48.003	-0.031 / 0.001	14	X	3.8	14.05	14.12	51.8	52		
50	50.018 / 50.002	50.025 / 50.050	0.007 / 0.048	50.000 / 50.025	-0.018 / 0.023	49.987 / 50.003	-0.031 / 0.001	14	X	3.8	14.05	14.12	53.8	54		
55	55.030 / 55.011	55.030 / 55.060	0.000 / 0.049	55.000 / 55.030	-0.030 / 0.019	54.979 / 55.009	-0.051 / -0.002	16	X	4.3	16.05	16.12	59.3	59.5		
56	56.030 / 56.011	56.030 / 56.060	0.000 / 0.049	56.000 / 56.030	-0.030 / 0.019	55.979 / 56.009	-0.051 / -0.002	16	X	4.3	16.05	16.12	60.3	60.5		
60	60.030 / 60.011	60.030 / 60.060	0.000 / 0.049	60.000 / 60.030	-0.030 / 0.019	59.979 / 60.009	-0.051 / -0.002	18	X	4.4	18.05	18.12	64.4	64.6		
63	63.030 / 63.011	63.030 / 63.060	0.000 / 0.049	63.000 / 63.030	-0.030 / 0.019	62.979 / 63.009	-0.051 / -0.002	18	X	4.4	18.05	18.12	67.4	67.6		
65	65.030 / 65.011	65.030 / 65.060	0.000 / 0.049	65.000 / 65.030	-0.030 / 0.019	64.979 / 65.009	-0.051 / -0.002	18	X	4.4	18.05	18.12	69.4	69.6		
70	70.030 / 70.011	70.030 / 70.060	0.000 / 0.049	70.000 / 70.030	-0.030 / 0.019	69.979 / 70.009	-0.051 / -0.002	20	X	4.9	20.065	20.149	74.9	75.1		
71	71.030 / 71.011	71.030 / 71.060	0.000 / 0.049	71.000 / 71.030	-0.030 / 0.019	70.979 / 71.009	-0.051 / -0.002	20	X	4.9	20.065	20.149	75.9	76.1		
75	75.030 / 75.011	75.030 / 75.060	0.000 / 0.049	75.000 / 75.030	-0.030 / 0.019	74.979 / 75.009	-0.051 / -0.002	20	X	4.9	20.065	20.149	79.9	80.1		
80	80.030 / 80.011	80.030 / 80.060	0.000 / 0.049	80.000 / 80.030	-0.030 / 0.019	79.979 / 80.009	-0.051 / -0.002	22	X	5.4	22.065	22.149	85.4	85.6		
85	85.0350 / 85.013	85.036 / 85.071	0.001 / 0.058	85.000 / 85.035	-0.035 / 0.022	84.965 / 85.000	-0.070 / -0.013	22	X	5.4	22.065	22.149	90.4	90.6		
90	90.0350 / 90.013	90.036 / 90.071	0.001 / 0.058	90.000 / 90.035	-0.035 / 0.022	89.965 / 90.000	-0.070 / -0.013	25	X	5.4	25.065	25.149	95.4	95.6		
95	95.0350 / 95.013	95.036 / 95.071	0.001 / 0.058	95.000 / 95.035	-0.035 / 0.022	94.965 / 95.000	-0.070 / -0.013	25	X	5.4	25.065	25.149	100.4	100.6		
100	100.035 / 100.013	100.036 / 100.071	0.001 / 0.058	100.000 / 100.035	-0.035 / 0.022	99.965 / 100.000	-0.070 / -0.013	28	X	6.4	28.065	28.149	106.4	106.6		
110	110.035 / 110.013	110.036 / 110.071	0.001 / 0.058	110.000 / 110.035	-0.035 / 0.022	109.941 / 109.976	-0.094 / -0.037	28	X	6.4	28.065	28.149	116.4	116.6		
120	120.035 / 120.013	120.036 / 120.071	0.001 / 0.058	120.000 / 120.035	-0.035 / 0.022	119.941 / 119.976	-0.094 / -0.037	32	X	7.4	32.08	32.18	127.4	127.6		
125	125.040 / 125.015	125.043 / 125.083	0.003 / 0.068	125.000 / 125.040	-0.040 / 0.025	124.932 / 124.972	-0.108 / -0.043	32	X	7.4	32.08	32.18	132.4	132.6		
130	130.040 / 130.015	130.043 / 130.083	0.003 / 0.068	130.000 / 130.040	-0.040 / 0.025	129.932 / 129.972	-0.108 / -0.043	32	X	7.4	32.08	32.18	137.4	137.6		
140	140.040 / 140.015	140.043 / 140.083	0.003 / 0.068	140.000 / 140.040	-0.040 / 0.025	139.932 / 139.972	-0.108 / -0.043	36	X	8.4	36.08	36.18	148.4	148.7		
150	150.040 / 150.015	150.043 / 150.083	0.003 / 0.068	150.000 / 150.040	-0.040 / 0.025	149.932 / 149.972	-0.108 / -0.043	36	X	8.4	36.08	36.18	158.4	158.7		
160	160.040 / 160.015	160.043 / 160.083	0.003 / 0.068	160.000 / 160.040	-0.040 / 0.025	159.932 / 159.972	-0.108 / -0.043	40	X	9.4	40.08	40.18	169.4	169.7		
170	170.040 / 170.015	170.043 / 170.083	0.003 / 0.068	170.000 / 170.040	-0.040 / 0.025	169.932 / 169.972	-0.108 / -0.043	40	X	9.4	40.08	40.18	179.4	179.7		
180	180.040 / 180.015	180.043 / 180.083	0.003 / 0.068	180.000 / 180.040	-0.040 / 0.025	179.932 / 179.972	-0.108 / -0.043	45	X	10.4	45.08	45.18	190.4	190.7		
190	190.046 / 190.017	190.050 / 190.096	0.004 / 0.079	190.000 / 190.046	-0.046 / 0.029	189.921 / 189.967	-0.125 / -0.050	45	X	10.4	45.08	45.18	200.4	200.7		
200	200.046 / 200.017	200.050 / 200.096	0.004 / 0.079	200.000 / 200.046	-0.046 / 0.029	199.921 / 199.967	-0.125 / -0.050	45	X	10.4	45.08	45.18	210.4	210.7		
210	210.046 / 210.017	210.050 / 210.096	0.004 / 0.079	210.000 / 210.046	-0.046 / 0.029	209.891 / 209.937	-0.155 / -0.080	50	X	11.4	50.08	50.18	221.4	221.7		
220	220.046 / 220.017	220.050 / 220.096	0.004 / 0.079	220.000 / 220.046	-0.046 / 0.029	219.891 / 219.937	-0.155 / -0.080	50	X	11.4	50.08	50.18	231.4	231.7		
225	225.046 / 225.017	225.050 / 225.096	0.004 / 0.079	225.000 / 225.046	-0.046 / 0.029	224.891 / 224.937	-0.155 / -0.080	50	X	11.4	50.08	50.18	236.4	236.7		
230	230.046 / 230.017	230.050 / 230.096	0.004 / 0.079	230.000 / 230.046	-0.046 / 0.029	229.887 / 229.933	-0.159 / -0.084	50	X	11.4	50.08	50.18	241.4	241.7		
240	240.046 / 240.017	240.050 / 240.096	0.004 / 0.079	240.000 / 240.046	-0.046 / 0.029	239.887 / 239.933	-0.159 / -0.084	56	X	12.4	56.10	56.22	252.4	252.7		
250	250.046 / 250.017	250.050 / 250.096	0.004 / 0.079	250.000 / 250.046	-0.046 / 0.029	249.887 / 249.933	-0.159 / -0.084	56	X	12.4	56.10	56.22	262.4	262.7		
260	260.052 / 260.020	260.056 / 260.108	0.004 / 0.088	260.000 / 260.052	-0.052 / 0.032	259.874 / 259.926	-0.178 / -0.094	56	X	12.4	56.1	56.22	272.4	272.7		
270	270.052 / 270.020	270.056 / 270.108	0.004 / 0.088	270.000 / 270.052	-0.052 / 0.032	269.874 / 269.926	-0.178 / -0.094	63	X	12.4	63.1	63.22	282.4	282.7		
280	280.052 / 280.020	280.056 / 280.108	0.004 / 0.088	280.000 / 280.052	-0.052 / 0.032	279.874 / 279.926	-0.178 / -0.094	63	X	12.4	63.1	63.22	292.4	292.7		
290	290.052 / 290.020	290.056 / 290.108	0.004 / 0.088	290.000 / 290.052	-0.052 / 0.032	289.877 /										

# Engineering Section

## PARA-FLEX Couplings Bolt Torque Information

Size	Standard				PS Shaft Hub Bolts	
	Clamp Ring Bolts <sup>(1)</sup>					
	No.	2-piece assembly (Nm)	3-piece assembly (Nm)	No.	Torque (Nm)	
PX40	4	15	15	4	15	
PX50	5	15	15	4	20	
PX60	5	33	33	5	20	
PX70	5	33	33	5	20	
PX80	6	33	33	5	34	
PX90	6	54	54	6	34	
PX100	6	54	54	6	34	
PX110	6	54	54	6	34	
PX120	6	122	122	6	81	
PX140	8	122	122	5	81	
PX160	8	244	130	6	146	
PX200	12	244	271	8	146	
PX240	12	407	454			
PX280	14	488	746			
PX320	16	488	746			

(1) All Para-Flex Clamp Bolts are SAE Grade 8

## PARA-FLEX Torsional Stiffness

Size	Nm/degree <sup>(1)</sup>
PX40	14
PX50	25
PX60	47
PX70	61
PX80	99
PX90	123
PX100	173
PX110	273
PX120	454
PX140	937
PX160	1356
PX200	3277
PX240	5423
PX280	11072
PX320	17061

(1) Values are nominal and may vary  $\pm 20\%$ . To convert static values to approximate dynamic values, multiply the static values by 1.2

## D-FLEX Torsional Stiffness

Size	EPDM & Neoprene (Nm/radian)	
		Hytrek (Nm/radian)
5	103	
6	194	1130
7	313	2260
8	490	3390
9	777	5367
10	1241	11298
11	1955	14123
12	3107	25422
13	4898	41680
14	7771	67028
16	20391	

\* Values shown are for an ambient temperature of 75°F (24°C)

## D-FLEX Spacer Bolt Torques<sup>(1)</sup>

Size	Number	Torque (Nm)
5	4	5
6	4	12
7	4	12
8	4	24
9	4	42
10	4	68
11	4	102
12	4	203
13	4	203
14	4	203

(1) All D-Flex Bolts are SAE Grade 8

## Comparative Misalignment Table

Coupling Type	Misalignment		
	Angular	Parallel (mm)	End Float (mm)
Para-Flex <sup>(1)</sup>	4°	3.175	3.96
Grid-Lign	1/2°	0.305	9.53
Disc	94-193	1.5°	1.5 - 3.7
	210-310	1°	3.8 - 5.7
Gear	1.0 - 5.0	1.5° per gear mesh	Varies by size, see page 36
	6.0 - 7.0	0.75° per gear mesh	

(1) PX40 is 4° Angular/ .06" (1.52mm) Parallel/  $\pm 0.094$ " (2.39mm) End Float

# Engineering Section

## D-Flex Misalignment Table

Size	EPDM & Neoprene			Hytrel		
	Parallel (mm)	Angular <sup>(1)</sup>	End Float (mm) <sup>(2)</sup>	Parallel (mm)	Angular <sup>(1)</sup>	End Float (mm) <sup>(2)</sup>
3	0.254	1°	0.762	-	-	-
4	0.254	1°	0.762	-	-	-
5	0.381	1°	1.168	-	-	-
6	0.381	1°	1.524	0.254	1/4°	1.524
7	0.508	1°	1.524	0.305	1/4°	1.524
8	0.508	1°	2.438	0.381	1/4°	2.438
9	0.635	1°	2.438	0.432	1/4°	2.438
10	0.635	1°	3.175	0.508	1/4°	3.175
11	0.813	1°	3.175	0.559	1/4°	3.175
12	0.813	1°	3.175	0.635	1/4°	3.175
13	1.016	1°	3.175	0.762	1/4°	3.175
14	1.143	1°	3.175	0.889	1/4°	3.175
16	1.575	1°	3.175	-	-	-

(1) Values are for when 1/4 or more of the rated torque is transmitted, reduce values by 50% for lower torques

(2) Increase E dimension by this amount to accommodate end float

## Temperature Range

Coupling Type	°C
Para-Flex (1)	-43 °C to 82 °C
D-Flex	EPDM -34 °C to 135 °C
	Neoprene -18 °C to 93 °C
	Hytrel -54 °C to 121 °C
Grid-Lign	-30 °C to 120 °C <sup>(2)</sup>
Gear	-30 °C to 120 °C <sup>(2)</sup>
Disc	-59 °C to 204 °C

(1) -40 °C to + 99 °C for Neoprene

(2) when using DODGE recommended lubrication, consult MN4001 or MN4026 for additional information

## Elastomer Compatibility

Ratings • 1- Minor Effect    2-Moderate Effect    3-Severe Effect    nd-No Data

Substance	Nat. Rubber	Neoprene	EPDM	Hytrel	Substance	Nat. Rubber	Neoprene	EPDM	Hytrel
Acetic Acids	2	1	1	1	Hydrobromic Acid (40%)	1	2	1	nd
Acetic Anhydride	2	1	2	nd	Kerosene	3	2	3	nd
Alcohols, Monohydric	2	1	2	nd	Lacquers	3	3	3	2
Ammonia Anhydrous	3	1	1	nd	Lead Sulfamate	2	1	1	nd
ASTM A Oils	3	1	1	1	Mineral Oil	3	2	2	1
Animal Fats	3	2	2	nd	Naphtha	3	2	3	1
Benzene	3	3	3	2	Nickel Chloride	1	2	1	nd
Carbonic Acid	3	2	2	nd	Nitric Acid (10%)	1	2	2	2
Calcium Bisulfite	2	1	3	nd	Ozone	3	2	1	nd
Chloroacetone	2	2	1	2	Petroleum (<250°F)	3	2	3	nd
Chloroacetic Acid	2	1	1	nd	Potassium Dichromate	2	1	1	nd
Copper Sulphate	2	1	1	1	Salt Water	1	2	1	1
Corn Oil	2	2	2	nd	Silicone Oils	1	1	1	1
Diesel Oil	3	2	3	1	Sulfuric Acid (Conc.)	3	3	3	3
Fuel Oil	3	2	3	1	Vinegar	2	1	1	nd
Gasoline	2	2	3	1	Zinc Sulfate	2	1	1	nd

# IEC Quick Selection Tables

## Dodge® Coupling Quick Selection @ 1500 RPM, 1.0 SF

IEC Frame Size	Shaft Size (mm)	kW	Torque (NM)	D-Flex S-Series		Para-Flex			Grid-Lign	DGF Gear	Dodge Disc Coupling
				EPDM	Hytrek	PXM TL	FBX	BBS			
71	14	0.25	1.59	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
71	14	0.37	2.36	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
80	19	0.55	3.50	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
80	19	0.75	4.78	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
90	24	1.1	7.00	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
90	24	1.5	9.55	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
100	28	2.2	14.01	5S	-	PXM50TL	PX40FBX	-	1020T	DGF 1.0	94
100	28	3	19.10	5S	-	PXM50TL	PX40FBX	-	1020T	DGF 1.0	94
112	28	4	25.47	5S	-	PXM50TL	PX40FBX	-	1020T	DGF 1.0	94
132	38	5.5	35.02	6S	-	PXM60TL	PX40FBX	-	1030T	DGF 1.0	94
132	38	7.5	47.75	6S	-	PXM60TL	PX40FBX	-	1030T	DGF 1.0	94
160	42	11	70.03	7S	7S	PXM60TL	PX50FBX	-	1040T	DGF 1.0	94
160	42	15	95.50	8S	7S	PXM60TL	PX50FBX	-	1040T	DGF 1.0	94
180	48	18.5	118	8S	7S	PXM80TL	PX60FBX	-	1050T	DGF 1.5	94
180	48	22	140	9S	7S	PXM80TL	PX60FBX	-	1050T	DGF 1.5	94
200	55	30	191	9S	8S	PXM90TL	PX60FBX	-	1060T	DGF 1.5	94
225	60	37	236	10S	8S	PXM90TL	PX70FBX	-	1070T	DGF 2.0	115
225	60	45	287	10S	8S	PXM90TL	PX80FBX	-	1070T	DGF 2.0	115
250	65	55	350	11S	9S	PXM90TL	PX80FBX	-	1070T	DGF 2.0	115
280	75	75	478	11S	10S	PXM120TL	PX90FBX	-	1080T	DGF 2.5	115
280	75	90	573	12S	10S	PXM120TL	PX100FBX	-	1080T	DGF 2.5	115
315	80	110	700	12S	10S	PXM140TL	PX110FBX	-	1080T	DGF 2.5	139
315	80	132	840	13S	10S	PXM140TL	PX110FBX	-	1080T	DGF 2.5	139
315	80	160	1019	13S	10S	PXM140TL	PX120FBX	-	1080T	DGF 2.5	139
315	80	200	1273	13S	10S	PXM140TL	PX120FBX	-	1080T	DGF 2.5	165
355	100	200	1273	13S	12S	PXM140TL	PX120FBX	-	1100T	DGF 3.0	165
355	100	250	1592	14S	12S	PXM140TL	-	PX140BBS	1100T	DGF 3.0	165
355	100	315	2006	14S	12S	PXM140TL	-	PX140BBS	1100T	DGF 3.0	193
355	100	355	2260	16S	12S	PXM140TL	-	PX140BBS	1100T	DGF 3.0	193
355	100	400	2547	16S	12S	PXM140TL	-	PX140BBS	1100T	DGF 3.0	193
400	110	450	2865	16S	13S	PXM160TL	-	PX140BBS	1100T	DGF 3.5	193
400	110	500	3183	16S	13S	PXM160TL	-	PX160BBS	1100T	DGF 3.5	193
400	110	560	3565	16S	13S	PXM160TL	-	PX160BBS	1100T	DGF 3.5	210
400	110	630	4011	16S	13S	PXM160TL	-	PX160BBS	1100T	DGF 3.5	210

Notes:

- 1) All selections assume that the driven hub will be equal to or less than the motor shaft diameter.
- 2) Gear coupling selections are Flex-Flex, smaller coupling can possibly be selected with Flex-Rigid configuration

# IEC Quick Selection Tables

## Dodge® Coupling Quick Selection @ 3000 RPM, 1.0 SF

IEC Frame Size	Shaft Size (mm)	kW	Torque (NM)	D-Flex S-Series		Para-Flex			Grid-Lign	DGF Gear	Dodge Disc Coupling
				EPDM	Hytrel	PXM TL	FBX	BBS			
71	14	0.25	0.80	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
71	14	0.37	1.18	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
80	19	0.55	1.75	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
80	19	0.75	2.39	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
90	24	1.1	3.50	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
90	24	1.5	4.78	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
100	28	2.2	7.00	5S	-	PXM50TL	PX40FBX	-	1020T	DGF 1.0	94
100	28	3	9.55	5S	-	PXM50TL	PX40FBX	-	1020T	DGF 1.0	94
112	28	4	12.73	5S	-	PXM50TL	PX40FBX	-	1020T	DGF 1.0	94
132	38	5.5	17.51	6S	-	PXM60TL	PX40FBX	-	1030T	DGF 1.0	94
132	38	7.5	23.88	6S	-	PXM60TL	PX40FBX	-	1030T	DGF 1.0	94
160	42	11	35.02	7S	-	PXM60TL	PX50FBX	-	1040T	DGF 1.0	94
160	42	15	47.75	7S	-	PXM60TL	PX50FBX	-	1040T	DGF 1.0	94
180	48	18.5	58.89	7S	7S	PXM80TL	PX50FBX	-	1050T	DGF 1.5	94
180	48	22	70.03	7S	7S	PXM80TL	PX50FBX	-	1050T	DGF 1.5	94
200	55	30	95.50	8S	7S	-	PX60FBX	-	1060T	DGF 1.5	94
225	55	37	118	8S	7S	-	PX60FBX	-	1060T	DGF 1.5	94
225	55	45	143	9S	8S	-	PX60FBX	-	1060T	DGF 1.5	94
250	60	55	175	9S	8S	-	PX70FBX	-	1070T	DGF 2.0	94
280	65	75	239	10S	9S	-	PX70FBX	-	1070T	DGF 2.0	94
280	65	90	287	10S	9S	-	PX80FBX	-	1070T	DGF 2.0	115
315	65	110	350	11S	9S	-	PX80FBX	-	1070T	DGF 2.0	115
315	65	132	420	11S	9S	-	-	-	1070T	DGF 2.0	115
315	65	160	509	11S	9S	-	-	-	1070T	DGF 2.0	115
315	65	200	637	-	9S	-	-	-	1070T	DGF 2.0	115
355	65	200	637	-	9S	-	-	-	1070T	DGF 2.0	115
355	70	250	796	-	10S	-	-	-	1080T	DGF 2.0	115
355	70	315	1003	-	10S	-	-	-	1080T	DGF 2.0	115
355	70	355	1130	-	10S	-	-	-	1080T	DGF 2.0	139
355	70	400	1273	-	10S	-	-	-	1080T	DGF 2.0	139
400	80	450	1433	-	11S	-	-	-	1080T	DGF 2.5	139
400	80	500	1592	-	11S	-	-	-	1080T	DGF 2.5	139
400	80	560	1783	-	11S	-	-	-	1080T	DGF 2.5	139
400	80	630	2006	-	11S	-	-	-	1080T	DGF 2.5	139

Notes:

- 1) All selections assume that the driven hub will be equal to or less than the motor shaft diameter
- 2) Gear coupling selections are Flex-Flex, smaller coupling can possibly be selected with Flex-Rigid configuration

# IEC Quick Selection Tables

## Dodge® Coupling Quick Selection @ 1500 RPM, 1.5 SF

IEC Frame Size	Shaft Size (mm)	kW	Torque (NM)	D-Flex S-Series		Para-Flex			Grid-Lign	DGF Gear	Dodge Disc Coupling
				EPDM	HytreI	PXM TL	FBX	BBS			
71	14	0.25	2.39	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
71	14	0.37	3.53	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
80	19	0.55	5.25	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
80	19	0.75	7.16	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
90	24	1.1	10.51	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
90	24	1.5	14.33	5S	-	PXM40TL	PX40FBX	-	1020T	DGF 1.0	94
100	28	2.2	21.01	5S	-	PXM50TL	PX40FBX	-	1020T	DGF 1.0	94
100	28	3	28.65	6S	-	PXM50TL	PX40FBX	-	1020T	DGF 1.0	94
112	28	4	38.20	6S	-	PXM50TL	PX40FBX	-	1020T	DGF 1.0	94
132	38	5.5	52.53	7S	-	PXM60TL	PX50FBX	-	1030T	DGF 1.0	94
132	38	7.5	71.63	7S	-	PXM60TL	PX50FBX	-	1030T	DGF 1.0	94
160	42	11	105	8S	7S	PXM60TL	PX60FBX	-	1040T	DGF 1.0	94
160	42	15	143	9S	7S	PXM60TL	PX60FBX	-	1040T	DGF 1.0	94
180	48	18.5	177	9S	7S	PXM80TL	PX60FBX	-	1050T	DGF 1.5	94
180	48	22	210	10S	7S	PXM80TL	PX70FBX	-	1050T	DGF 1.5	94
200	55	30	287	10S	8S	PXM90TL	PX80FBX	-	1060T	DGF 1.5	115
225	60	37	353	11S	8S	PXM90TL	PX80FBX	-	1070T	DGF 2.0	115
225	60	45	430	11S	8S	PXM90TL	PX90FBX	-	1070T	DGF 2.0	115
250	65	55	525	12S	9S	PXM100TL	PX100FBX	-	1070T	DGF 2.0	115
280	75	75	716	12S	10S	PXM120TL	PX110FBX	-	1080T	DGF 2.5	139
280	75	90	860	13S	10S	PXM120TL	PX110FBX	-	1080T	DGF 2.5	139
315	80	110	1051	13S	10S	PXM140TL	PX120FBX	-	1080T	DGF 2.5	139
315	80	132	1261	13S	10S	PXM140TL	PX120FBX	-	1080T	DGF 2.5	165
315	80	160	1528	14S	11S	PXM140TL	-	PX140BBS	1080T	DGF 2.5	165
315	80	200	1910	14S	11S	PXM140TL	-	PX140BBS	1080T	DGF 2.5	165
355	100	200	1910	14S	12S	PXM140TL	-	PX140BBS	1100T	DGF 3.0	165
355	100	250	2388	16S	12S	PXM140TL	-	PX140BBS	1100T	DGF 3.0	193
355	100	315	3008	16S	12S	PXM140TL	-	PX140BBS	1100T	DGF 3.0	193
355	100	355	3390	16S	12S	PXM160TL	-	PX160BBS	1100T	DGF 3.0	210
355	100	400	3820	16S	13S	PXM160TL	-	PX160BBS	1100T	DGF 3.0	210
400	110	450	4298	16S	13S	PXM200TL	-	-	1100T	DGF 3.5	210
400	110	500	4775	16S	13S	PXM200TL	-	-	1100T	DGF 3.5	236
400	110	560	5348	-	14S	PXM200TL	-	-	1100T	DGF 3.5	236
400	110	630	6017	-	14S	PXM200TL	-	-	1100T	DGF 3.5	236

Notes:

- 1) All selections assume that the driven hub will be equal to or less than the motor shaft for the driver bore.
- 2) Gear coupling selections are Flex-Flex, smaller coupling can possibly be selected with Flex-Rigid configuration

# IEC Quick Selection Tables

## Dodge® Coupling Quick Selection @ 3000 RPM, 1.5 SF

IEC Frame Size	Shaft Size (mm)	kW	Torque (NM)	D-Flex S-Series		Para-Flex			Grid-Lign	DGF Gear	Dodge Disc Coupling
				EPDM	Hytrel	PXM TL	FBX	BBS			
71	14	0.25	1.19	5S	-	PXM40TL	FBX40	-	1020T	DGF 1.0	94
71	14	0.37	1.77	5S	-	PXM40TL	FBX40	-	1020T	DGF 1.0	94
80	19	0.55	2.63	5S	-	PXM40TL	FBX40	-	1020T	DGF 1.0	94
80	19	0.75	3.58	5S	-	PXM40TL	FBX40	-	1020T	DGF 1.0	94
90	24	1.1	5.25	5S	-	PXM40TL	FBX40	-	1020T	DGF 1.0	94
90	24	1.5	7.16	5S	-	PXM40TL	FBX40	-	1020T	DGF 1.0	94
100	28	2.2	10.51	5S	-	PXM50TL	FBX40	-	1020T	DGF 1.0	94
100	28	3	14.33	5S	-	PXM50TL	FBX40	-	1020T	DGF 1.0	94
112	28	4	19.10	5S	-	PXM50TL	FBX40	-	1020T	DGF 1.0	94
132	38	5.5	26.26	6S	-	PXM60TL	FBX40	-	1030T	DGF 1.0	94
132	38	7.5	35.81	6S	-	PXM60TL	FBX40	-	1030T	DGF 1.0	94
160	42	11	52.53	7S	7S	PXM60TL	FBX50	-	1040T	DGF 1.0	94
160	42	15	71.63	7S	7S	PXM60TL	FBX50	-	1040T	DGF 1.0	94
180	48	18.5	88.34	8S	7S	PXM80TL	FBX50	-	1050T	DGF 1.5	94
180	48	22	105	8S	7S	PXM80TL	FBX60	-	1050T	DGF 1.5	94
200	55	30	143	9S	8S	-	FBX60	-	1060T	DGF 1.5	94
225	55	37	177	9S	8S	-	FBX70	-	1070T	DGF 2.0	94
225	55	45	215	10S	8S	-	FBX70	-	1070T	DGF 2.0	94
250	60	55	263	10S	8S	-	FBX80	-	1070T	DGF 2.0	115
280	65	75	358	11S	9S	-	FBX80	-	1070T	DGF 2.0	115
280	65	90	430	11S	9S	-	-	-	1070T	DGF 2.0	115
315	65	110	525	-	9S	-	-	-	1070T	DGF 2.0	115
315	65	132	630	-	9S	-	-	-	1070T	DGF 2.0	115
315	65	160	764	-	9S	-	-	-	1070T	DGF 2.0	115
315	65	200	955	-	10S	-	-	-	1070T	DGF 2.0	115
355	65	200	955	-	10S	-	-	-	1070T	DGF 2.0	115
355	70	250	1194	-	10S	-	-	-	1080T	DGF 2.0	139
355	70	315	1504	-	11S	-	-	-	1080T	DGF 2.0	139
355	70	355	1695	-	11S	-	-	-	1080T	DGF 2.0	139
355	70	400	1910	-	11S	-	-	-	1080T	DGF 2.0	139
400	80	450	2149	-	-	-	-	-	1090T	DGF 2.0	139
400	80	500	2388	-	-	-	-	-	1090T	DGF 2.0	165
400	80	560	2674	-	-	-	-	-	1090T	DGF 2.0	165
400	80	630	3008	-	-	-	-	-	1090T	DGF 2.0	165

Notes:

- 1) All selections assume that the driven hub will be equal to or less than the motor shaft for the driver bore.
- 2) Gear coupling selections are Flex-Flex, smaller coupling can possibly be selected with Flex-Rigid configuration

