

FLANGE TYPE GEAR COUPLINGS



INDUSTRIAL MAGZA
DIST. AUTORIZADO

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SYSTEM COMPONENTS			ZURN			FALK			SIER-BATH			RENOLD-AJAX				DECK / POOLE				KOP-FLEX													
S	POWERTORK SERIES F		S	AMERIGEAR 200 SERIES		S	SERIES 1000 G		S	SERIES F		S	O-RING SEAL SERIES 6901		METAL SEAL SERIES 6901		S	MXB SERIES		S	SERIES 100		S	FASTS SERIES F		SERIES H		WALDRON					
	HP	MAX		HP	MAX		HP	MAX		HP	MAX		HP	MAX	HP	MAX		HP	MAX		HP	MAX		HP	MAX	HP	MAX	HP	MAX	HP	MAX	HP	MAX
	PER	BORE		PER	BORE		PER	BORE		PER	BORE		PER	BORE	PER	BORE		PER	BORE		PER	BORE		PER	BORE	PER	BORE	PER	BORE	PER	BORE	PER	BORE
E	100	SQ	E	100	SQ	E	100	SQ	E	100	SQ	E	100	SQ	100	SQ	E	100	SQ	E	100	SQ	E	100	SQ	100	SQ	100	SQ				
	RPM	KEY		RPM	KEY		RPM	KEY		RPM	KEY		RPM	KEY	RPM	KEY		RPM	KEY		RPM	KEY		RPM	KEY	RPM	KEY	RPM	KEY				
1	15	1.63	201%	12	1.63	1010	12	1.38	1	8	1.63	1	12	1.63	-	-	1	10	1.63	-	-	-	1	-	-	12	1.63	10	1.63				
1½	31	2.19	201½	27	2.25	1015	27	2.38	1½	15	2.13	1½	27	2.13	10	1.63	1½	24	2.44	150	24	1.50	1½	9.5	1.63	27	2.25	24	2.19				
2	51	2.75	202	50	2.75	1020	50	2.88	2	41	2.75	2	50	2.75	23	2.13	2	50	2.75	200	50	2.00	2	22.5	2.13	50	2.75	50	2.75				
2½	90	3.50	202½	85	3.50	1025	90	3.63	2½	60	3.25	2½	90	3.25	44	2.50	2½	90	3.38	250	90	2.50	2½	43.8	2.75	90	3.50	90	3.25				
3	152	4.00	203	150	4.00	1030	150	4.13	3	88	4.00	3	140	4.00	76	3.13	3	150	4.25	300	150	3.00	3	75.5	3.13	140	4.00	150	4.00				
3½	240	4.63	203½	225	4.50	1035	230	4.88	3½	162	4.63	3½	205	4.50	120	3.50	3½	230	5.00	350	230	3.50	3½	120	3.75	205	4.50	230	4.75				
4	340	5.50	204	340	5.50	1040	350	5.75	4	216	5.38	4	325	5.38	180	4.00	4	350	5.63	400	350	4.00	4	180	4.25	325	5.50	350	5.38				
4½	465	6.00	204½	515	6.25	1045	480	6.50	4½	315	6.00	4½	440	6.00	250	4.50	4½	450	6.50	450	480	4.50	4½	250	4.75	440	6.00	480	6.00				
5	650	6.88	205	660	6.63	1050	650	7.00	5	579	6.50	5	610	6.63	350	5.25	5	650	7.00	500	650	5.00	5	350	5.50	610	6.88	650	6.75				
5½	860	7.75	205½	875	7.50	1055	850	7.75	5½	683	7.38	5½	800	7.50	485	6.00	5½	850	7.75	550	850	6.25	5½	465	5.88	800	7.75	850	7.38				
6	1110	8.75	206	1190	8.25	1060	1100	8.75	6	880	8.00	6	1050	8.13	605	6.38	6	1100	8.75	600	1100	7.19	6	605	6.50	1050	8.63	1100	8.25				
7	1690	10.38	207	1640	9.63	1070	1600	10.00	7	1365	9.00	7	1600	9.63	960	7.50	7	1600	9.75	700	1600	8.38	7	960	8.00	1600	10.38	1600	9.25				

SERIES "F" NOTES:

- 1) ZURN series C sizes 100,101 AND 104½ use the same flex hubs as ZURN 200 series F sizes 200,201 and 201½ flanged couplings.
- 2) KOP-FLEX sizes 1½, 2, 2½, 3, 3½ and 4 P use the same flex hubs as WALDRON type W sizes 1½, 2, 2½, 3, 3½ and 4 flanged couplings.
- 3) SYSTEM COMPONENTS series S sizes 15 and 20 use the same flex hubs as series F sizes 1½ and 2 flanged couplings.
- 4) Reference Data Sheet DS100.

CONTINUOUS SLEEVE TYPE GEAR COUPLINGS

SYSTEM COMPONENTS			ZURN			KOP-FLEX			SIER-BATH		
S	POWERTORK SERIES S		S	AMERIGEAR SERIES C		S	WALDRON POWERLIGN		S	C LINE	
	HP	MAX		HP	MAX		HP	MAX		HP	MAX
	PER	BORE		PER	BORE		PER	BORE		PER	BORE
E	100	SQ	E	100	SQ	E	100	SQ	E	100	SQ
	RPM	KEY		RPM	KEY		RPM	KEY		RPM	KEY
6	4.5	1.06	100	3	.81	-	-	-	-	-	-
8	7	1.31	101	5	1.25	1-1/8 PL	4	1.25	7/8	4	1.25
10	15.5	1.63	101½	12	1.63	1-5/8 PL	12	1.75	1½	12	1.25
12	22	1.94									
15	31	2.13	101½	30	2.00	1-1/2 P	24	2.19	2	32	2.13
20	51	2.75	102	50	2.63	2 P	50	2.75	2½	48	2.63
25	90	3.25	102½	85	3.13	2-1/2 P	90	3.25	3	80	3.13
30	152	3.75	103	150	3.75	3 P	150	4.00	3½	140	3.63
35	240	4.25	103½	200	4.38	3-1/2 P	230	4.75	4	200	4.13
40	360	5.00	104	300	5.00	4 P	350	5.38	4½	292	4.75
45	530	5.50	104½	400	5.38	-	-	-	5	430	5.75

SERIES "S" NOTES:

- 1) ZURN series C sizes 100,101 AND 104½ use the same flex hubs as ZURN 200 series F sizes 200,201 and 201½ flanged couplings.
- 2) KOP-FLEX sizes 1½, 2, 2½, 3, 3½ and 4 P use the same flex hubs as WALDRON type W sizes 1½, 2, 2½, 3, 3½ and 4 flanged couplings.
- 3) SYSTEM COMPONENTS series S sizes 15 and 20 use the same flex hubs as series F sizes 1½ and 2 flanged couplings.
- 4) Reference Data Sheet DS104.

SERIES "EL" NOTES:

- 1) T.L. = TAPER-LOCK® bushing. TAPER-LOCK® is a registered trademark of DODGE / Reliance Electric Co.
- 2) B.B.S. = Bored To Size with square key.
- 3) Q.D. = Quick Disconnect Bushing.
- 4) This guide shows proper coupling selection for 1750 RPM NEMA frame motors on centrifugal pump applications. Manufacturers recommended service factors have been applied.
- 5) Reference Data Sheet DS106.

ELASTOMERIC COUPLINGS



INDUSTRIAL MAGZA
DIST. AUTORIZADO

MEX (55) 53 63 23 31 MTY (81) 83 54 10 18
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1750 RPM NEMA MOTORS			SYSTEM COMPONENTS FLEXTORK			FALK			DODGE			T.B. WOODS			REXNORD			KOP-FLEX		
HP	FRAME	SHAFT DIA.	SIZE	MAX. BORE		SIZE	MAX. BORE		SIZE	MAX. BORE		SIZE	MAX. BORE		SIZE	MAX. BORE		SIZE	MAX. BORE	
				T.L.	B.B.S.		T.L.	B.B.S.		T.L.	B.B.S.		T.L.	B.B.S.		T.L.	B.B.S.		T.L.	B.B.S.
1/2	143T	7/8	20	1.13	1.63	20WA	1.13	1.38	PB40	1.13		3J		.88	E2	1.13		20		1.13
															E4	1.00		30	1.13	
3/4	143T	7/8	20	1.13	1.63	20WA	1.13	1.38	PB40	1.13		3J		.88	E2	1.13		20		1.13
															E4	1.00		30	1.13	
1	143T	7/8	20	1.13	1.63	20WA	1.13	1.38	PB40	1.13		3J		.88	E2	1.13		20		1.13
															E4	1.00		30	1.13	
1-1/2	145T	7/8	20	1.13	1.63	20WA	1.13	1.38	PB40	1.13		4J		1.00	E2	1.13		20		1.13
															E4	1.00		30	1.13	
2	145T	7/8	20	1.13	1.63	20WA	1.13	1.38	PB40	1.13		4J		1.00	E2	1.13		20		1.13
															E4	1.00		30	1.13	
3	182T	1-1/8	20	1.13	1.63	20WA	1.13	1.38	PX50	1.13	1.38	5J		1.13	E2	1.13		20		1.13
															E5	1.13		30	1.13	
5	184T	1-1/8	20	1.13	1.63	20WA	1.13	1.38	PX60	1.38	1.63	5J		1.13	E2	1.13		20		1.13
															E5	1.13		30	1.13	
7-1/2	213T	1-3/8	20		1.63	20WA		1.38	PX60	1.38	1.63	6J		1.38	E3	1.38		30		1.50
			40	1.63		40WA	1.38					8	1.38		E10	1.38		50	1.63	
10	215T	1-3/8	20		1.63	20WA		1.38	PX60	1.38	1.63	6J		1.38	E3	1.38		30		1.50
			40	1.63		40WA	1.38					8	1.38		E10	1.38		50	1.63	
15	254T	1-5/8	20		1.63	30WA		1.63	PX70	1.63	2.13	8S		1.94	E4	1.63		40		1.88
			40	1.63		50WA	1.63					9S	1.69		E20	1.63		50	1.63	
20	256T	1-5/8	20		1.63	40WA		1.88	PX70	1.63	2.13	8S		1.94	E5	1.88		40		1.88
			40	1.63		50WA	1.63					9S	1.69		E20	1.63		50	1.63	
25	284T	1-7/8	30		2.25	40WA		1.88	PX70		2.13	8S		1.94	E5	1.88		50		2.13
			50	2.00		60WA	2.00		PX80	2.00		10S	2.13		E20	1.63		60	2.00	
30	286T	1-7/8	30		2.25	40WA		1.88	PX70		2.13	9S		2.38	E10	2.13		50		2.13
			50	2.00		60WA	2.00		PX80	2.00		10S	2.13		E30	2.00		60	2.00	
40	324T	2-1/8	30		2.25	50WA		2.19	PX70		2.13	9S		2.38	E10	2.13		60		2.88
			60	3.00		70WA	2.50		PX90	2.50	2.75	10S	2.13		E40	2.50		70	2.50	
50	326T	2-1/8	30		2.25	50WA		2.19	PX80		2.56	10S	2.13	2.75	E20	2.38		60		2.88
			60	3.00		70WA	2.50		PX90	2.50					E40	2.50		70	2.50	
60	364T	2-3/8	40		2.63	60WA		2.50	PX80		2.56	10S		2.75	E20	2.38		70		3.00
			60	3.00		70WA	2.50		PX90	2.50		12S	2.75		E40	2.50			2.50	
75	365T	2-3/8	40		2.63	60WA		2.50	PX80		2.56	11S		3.38	E30	2.88		70		3.00
			60	3.00		70WA	2.50		PX90	2.50		12S	2.75		E40	2.50			2.50	
100	404T	2-7/8	50		3.50	70WA		3.00	PX100		3.25	11S		3.38	E30	2.88		70		3.00
			60	3.00		80WA	3.00		PX120	3.00		13S	3.25		E60	3.00		80	3.00	
125	405T	2-7/8	50		3.50	80WA		3.50	PX100		3.25	12S		3.88	E40	3.38		70		3.00
			60	3.00		80WA	3.00		PX120	3.00		13S	3.25		E60	3.00		80	3.00	
150	444T	3-3/8	50		3.50	80WA		3.50	PX110		3.94	12S		3.88	E40	3.38		80		3.75
			70	4.00		100WA	3.50		PX140	3.94					E70	3.50		90	3.50	
200	445T	3-3/8	50		3.50	90WA		4.00	PX110		3.94	13S		4.50	E50	3.63		80		3.75
			70	4.00		100WA	3.50		PX140	3.94					E70	3.50		90	3.50	
250	505U	3-3/8	50		3.50	90WA		4.00	PX120		4.00	13S		4.50	E60	4.00		90	3.50	4.75
			70	4.00		100WA	3.50		PX140	3.94					E70	3.50				
300	584U	3-7/8	60		5.25	100WA		5.00	PX120		4.00	14S		5.00	E60	4.00		90		4.75
			70	4.00		110WA	4.00		PX140	3.94					E80	4.00				
350	585U	3-7/8	60		5.25	100WA		5.00	PX140		4.50	14S		5.00	E70	4.50		90		4.75
			70	4.00		110WA	4.00			3.94					E80	4.00				