

700 SERIES SINGLE REDUCTION FLANGED REDUCER DIMENSIONS

BASIC MODELS (NO BASE)

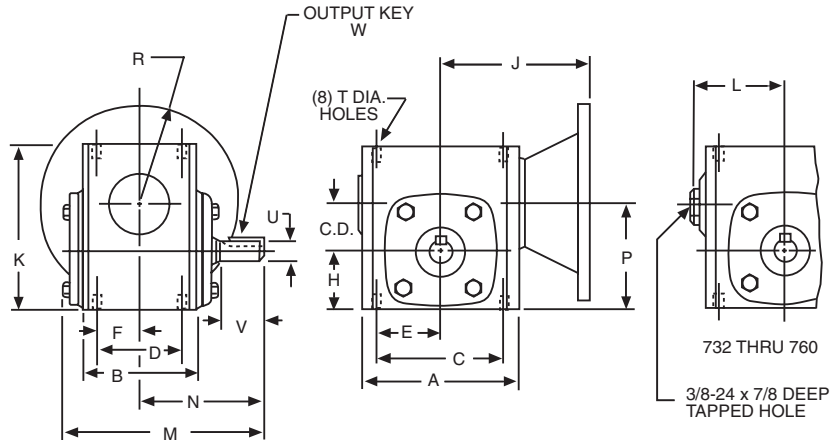
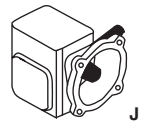
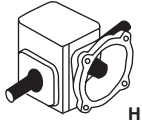
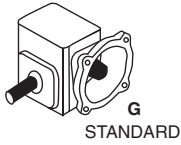
F700 SERIES - FLANGED QUILL TYPE

RF700 SERIES - FLANGED COUPLING TYPE

FOR ORDERING INFORMATION, see Page 14

FOR RATING INFORMATION, See Pages 15, 20-29

ASSEMBLY TYPES*



ALL DIMENSIONS IN INCHES

SIZE	C.D.	A	B	C	D	E	F	H	J-NEMA MOUNTING							L	M
									F700			RF700					
									42CZ	56C 140TC	180TC 210TC	42CZ	56C 140TC	180TC 210TC 250TC	K		
710	1.00	3.25	2.50	2.63	1.69	1.31	.84	1.31	3.16	3.97	---	4.76	5.72	---	3.63	---	4.53
713	1.33	4.25	2.88	3.25	2.00	1.63	1.00	1.72	---	3.94	---	---	6.59	---	4.64	---	6.03
715	1.54	5.13	3.69	4.19	2.75	2.09	1.38	1.91	--	4.50	---	---	7.34	---	5.38	---	6.84
718	1.75	5.50	3.69	4.19	2.75	2.09	1.38	2.06	---	4.69	---	---	7.53	---	5.75	---	6.81
721	2.06	6.00	3.81	5.00	2.88	2.50	1.44	2.28	---	5.06	---	---	8.31	---	6.38	---	7.28
724	2.38	6.38	4.06	5.00	2.88	2.50	1.44	2.50	---	5.25	5.69	---	8.50	9.94	6.94	---	7.81
726	2.62	7.38	4.44	6.38	3.38	3.19	1.69	2.94	---	5.75	6.19	---	9.47	10.43	8.00	---	8.53
730	3.00	8.12	5.25	7.00	4.00	3.50	2.00	3.25	---	6.20	6.64	---	9.92	10.85	8.88	---	10.02
732	3.25	9.00	5.88	7.50	4.00	3.75	2.00	3.50	---	6.56	7.00	---	10.28	11.25	9.38	4.94	10.81
738	3.75	10.00	6.38	8.50	4.75	4.25	2.38	3.88	---	7.06	7.50	---	11.31	12.88	10.44	5.50	11.88
752	5.16	13.13	7.38	11.00	5.81	5.50	2.91	5.31	---	---	---	---	---	16.00	13.75	7.19	13.81
760	6.00	14.50	8.13	12.75	6.38	6.38	3.19	6.50	---	---	---	---	---	16.69	16.50	7.94	15.31

SIZE	N	P	R-NEMA MOUNTING			T		LOW SPEED SHAFT				APPROX. WEIGHT (LBS.)		FAN KIT NO. **
			42CZ	56C 140TC	180TC 210TC 250TC			U +.000 -.001	V	W-KEY				
						TAP SIZE	DEPTH			SQ.	LENGTH	F700	RF700	
710	2.88	2.31	2.16	3.31	---	1/4-20	.44	.500	1.19	1/8	5/8	6	9	---
713	4.00	3.06	---	3.31	---	5/16-18	.50	.625	2.00	3/16	1	12	17	---
715	4.31	3.44	---	3.31	---	5/16-18	.50	.750	1.78	3/16	1	18	24	---
718	4.31	3.81	---	3.31	---	5/16-18	.50	.875	1.78	3/16	1	20	27	---
721	4.69	4.34	---	3.31	---	3/8-16	.56	1.000	2.09	1/4	1-1/4	25	32	---
724	5.09	4.88	---	3.31	4.63	3/8-16	.56	1.125	2.38	1/4	1-1/4	31	38	---
726	5.63	5.56	---	3.31	4.63	3/8-16	.56	1.125	2.63	1/4	1-15/16	46	50	---
730	6.75	6.25	---	3.31	4.63	7/16-14	.88	1.250	3.25	1/4	2-1/4	66	75	---
732	7.06	6.75	---	3.31	4.63	7/16-14	.66	1.375	3.25	5/16	2-7/16	84	87	51450
738	7.75	7.63	---	3.31	4.63	1/2-13	.81	1.625	3.50	3/8	2-1/4	117	120	51451
752	9.06	10.50	---	---	4.63	5/8-11	1.00	2.000	4.16	1/2	2-15/16	---	221	51452
760	10.00	12.50	---	---	4.63	5/8-11	1.00	2.250	4.56	1/2	3-3/8	---	270	51453

752 & 760 SIZES AVAILABLE ONLY IN RF-FLANGED COUPLING TYPE. **For Fan Kits, see Page 113.

*See Assemblies and Mounting Positions, Page 16.

BOSTON GEAR®