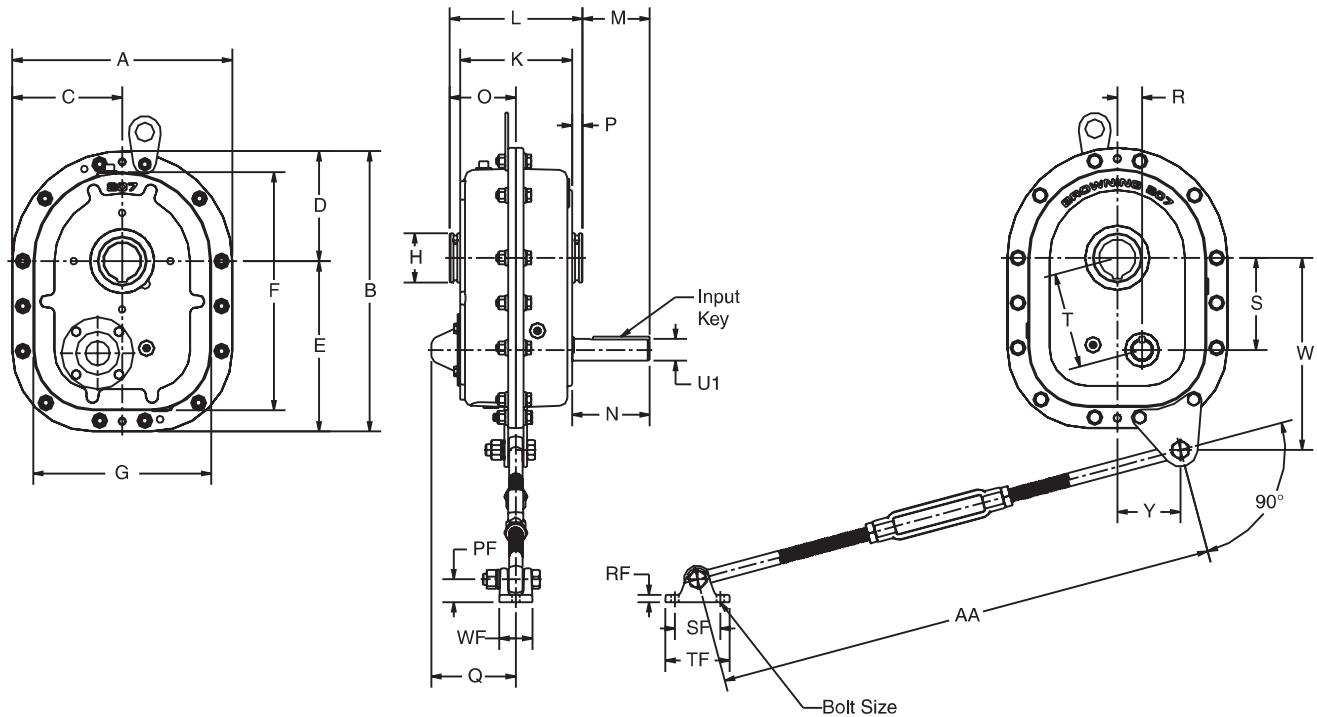
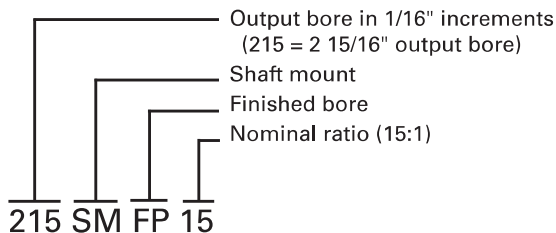


SMFP Finished Bore Sizes 107-315



Note: SMFP units are made-to-order.
Contact Regal for delivery.

Part Number Explanation



PART NO. ★	DIMENSIONS IN INCHES														OUTPUT BORE*	
	A	B	C	D	E	F	G	H	J	K	L	M	N	O	DIA.	KEYWAY
107SMFP	9.76	12.07	4.88	4.88	7.19	10.07	7.75	2.00	0.63	5.52	6.52	3.58	4.08	3.26	1.4375	.375 x .125
115SMFP	11.00	14.08	5.50	5.50	8.58	11.78	8.69	2.63	0.75	5.99	7.13	3.67	4.24	3.57	1.9375	.500 x .125
203SMFP	12.88	16.16	6.44	6.44	9.72	13.66	10.38	2.88	0.87	7.07	8.45	4.62	5.31	4.23	2.1875	.500 x .187
207SMFP	14.50	18.47	7.25	7.25	11.22	15.73	11.76	3.25	1.01	7.39	8.77	4.43	5.12	4.39	2.4375	.625 x .187
215SMFP	16.25	20.88	8.13	8.13	12.76	18.07	13.44	3.88	1.07	8.24	10.25	4.86	5.87	5.13	2.9375	.750 x .250
307SMFP	19.04	24.37	9.52	9.52	14.85	21.00	15.67	5.00	1.25	9.27	11.70	6.24	7.45	5.85	3.4375	.875 x .250
315SMFP	19.90	26.35	9.95	9.95	16.40	23.02	16.57	5.38	1.25	10.51	13.00	7.08	8.32	6.50	3.9375	1.000 x .250

PART NO. ★	DIMENSIONS IN INCHES																	WT. LBS.
	P	PF	a	R	RF	S	SF	T	TF	U1	W	WF	Y	BOLT SIZE	AA		INPUT KEY	
107SMFP	0.50	1.14	4.24	1.18	0.36	3.77	2.50	3.95	3.38	0.75	7.88	1.44	2.73	3/8	24	30	.188 x .188 x 2.88	53
115SMFP	0.57	1.14	4.51	1.35	0.36	4.36	2.50	4.56	3.38	1.13	9.14	1.44	3.12	3/8	24	30	.250 x .250 x 2.75	75
203SMFP	0.69	1.32	5.04	1.48	0.42	5.26	2.50	5.46	3.50	1.25	10.94	1.72	3.64	3/8	24	30	.250 x .250 x 3.88	112
207SMFP	0.69	1.51	5.57	1.63	0.48	6.08	3.00	6.29	4.25	1.44	12.68	2.19	4.16	7/16	27	33	.375 x .375 x 3.75	155
215SMFP	1.01	1.51	6.24	2.12	0.48	7.01	3.00	7.32	4.25	1.88	14.19	2.19	4.65	7/16	27	33	.500 x .500 x 3.75	226
307SMFP	1.22	1.81	6.79	2.25	0.61	7.78	4.00	8.10	5.38	2.00	17.00	2.78	5.58	1/2	29	35	.500 x .500 x 6.50	365
315SMFP	1.25	2.22	8.05	2.83	0.72	8.53	4.75	8.93	6.50	2.13	18.12	3.83	6.20	5/8	29.5	35.5	.500 x .500 x 7.50	477

★ Complete part number by adding ratio symbol, for example, "107SMFPQ5".
Note - "05" is symbol for 5:1 nominal ratio: see page A-9 for exact ratios and ratio symbols.
* If smaller shaft than the output bore is used, order bushing from page Accessories Section.

Finished Bore Bushings Unit Sizes 107-207

Browning® shaft mount reducers may be mounted on shafts smaller than the output bore of the reducer by using the wide selection of bushings offered. These stock bushing kits contain one keyed bushing, one plain bushing, keys and setscrews necessary to fit the smaller shaft.



Figure 1 - Thick wall bushing
internal key

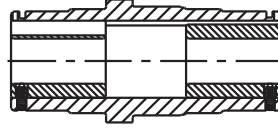


Figure 3 - Thin wall bushing
rectangular or square key

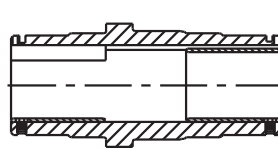


Figure 2 - Thin wall bushing
offset key

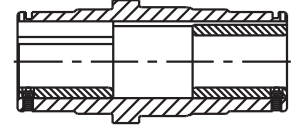


Figure 4 - No bushing

Reducer Size	Shaft Dia.	Shaft Keyseat	Bushing Kit No	Fig.	Wt. Lbs.
107SMFP	3/4"	3/16 x 3/32 x 2"	107BU012	1	1.4
	7/8	3/16 x 3/32 x 2	107BU014	1	1.2
	15/16	1/4 x 1/8 x 2	107BU015	2	1.1
	1	1/4 x 1/8 x 2	107BU100	2	1.0
	1 1/16	1/4 x 1/8 x 2	107BU101	2	.9
	1 1/8	1/4 x 1/8 x 2	107BU102	2	.8
	1 3/16	1/4 x 1/8 x 2	107BU103	2	.6
	1 1/4	1/4 x 1/8 x 2	107BU104	2	.5
	1 5/16	5/16 x 5/32 x 2	107BU105	2	.4
	1 7/16	3/8 x 3/16 x 2	NONE	4	-
115SMFP	15/16	1/4 x 1/8 x 2 1/2	115BU015	1	3.2
	1	1/4 x 1/8 x 2 1/2	115BU100	1	3.1
	1 1/16	1/4 x 1/8 x 2 1/2	115BU101	1	3.0
	1 1/8	1/4 x 1/8 x 2 1/2	115BU102	1	2.8
	1 3/16	1/4 x 1/8 x 2 1/2	115BU103	1	2.7
	1 1/4	1/4 x 1/8 x 2 1/2	115BU104	1	2.5
	1 5/16	5/16 x 5/32 x 2 1/2	115BU105	2	2.3
	1 3/8	5/16 x 5/32 x 2 1/2	115BU106	2	2.1
	1 7/16	3/8 x 3/16 x 2 1/2	115BU107	2	1.9
	1 1/2	3/8 x 3/16 x 2 1/2	115BU108	2	1.7
	1 5/8	3/8 x 3/16 x 2 1/2	115BU110	2	1.3
	1 11/16	3/8 x 3/16 x 2 1/2	115BU111	2	1.1
	1 3/4	3/8 x 3/16 x 2 1/2	115BU112	2	.8
	1 15/16	1/2 x 1/4 x 2 1/2	NONE	4	-
203SMFP	1 3/16	1/4 x 1/8 x 2 1/2	203BU103	1	3.8
	1 1/4	1/4 x 1/8 x 2 1/2	203BU104	1	3.6
	1 5/16	5/16 x 5/32 x 2 1/2	203BU105	1	3.5
	1 3/8	5/16 x 5/32 x 2 1/2	203BU106	1	3.4
	1 7/16	3/8 x 3/16 x 2 1/2	203BU107	1	3.1
	1 1/2	3/8 x 3/16 x 2 1/2	203BU108	2	2.9
	1 5/8	3/8 x 3/16 x 2 1/2	203BU110	2	2.4
	1 11/16	3/8 x 3/16 x 2 1/2	203BU111	2	2.2
	1 3/4	3/8 x 3/16 x 2 1/2	203BU112	2	2.0
	1 7/8	1/2 x 1/4 x 2 1/2	203BU114	3	1.5
	1 15/16	1/2 x 1/4 x 2 1/2	203BU115	3	1.2
	2	1/2 x 1/4 x 2 1/2	203BU200	3	.9
	2 3/16	1/2 x 1/4 x 2 1/2	NONE	4	-
	1 3/8	5/16 x 5/32 x 3 1/2	207BU106	1	6.4
207SMFP	1 7/16	3/8 x 3/16 x 3 1/2	207BU107	1	6.1
	1 1/2	3/8 x 3/16 x 3 1/2	207BU108	1	5.8
	1 5/8	3/8 x 3/16 x 3 1/2	207BU110	2	5.2
	1 11/16	3/8 x 3/16 x 3 1/2	207BU111	2	4.9
	1 3/4	3/8 x 3/16 x 3 1/2	207BU112	2	4.5
	1 7/8	1/2 x 1/4 x 3 1/2	207BU114	2	3.8
	1 15/16	1/2 x 1/4 x 3 1/2	207BU115	2	3.5
	2	1/2 x 1/4 x 3 1/2	207BU200	2	3.1
	2 1/8	1/2 x 1/4 x 3 1/2	207BU202	2	2.3
	2 3/16	1/2 x 1/4 x 3 1/2	207BU203	2	1.8
	2 1/4	1/2 x 1/4 x 3 1/2	207BU204	2	1.4
	2 7/16	5/8 x 5/16 x 3 1/2	NONE	4	-

Note: When using bushings to adapt a SMFP shaft mount reducer to a smaller shaft, the shaft stress based on the transmitted load must always be checked.

Finished Bore Bushings Unit Sizes 215-315

Browning® shaft mount reducers may be mounted on shafts smaller than the output bore of the reducer by using the wide selection of bushings offered. These stock bushing kits contain one keyed bushing, one plain bushing, keys and setscrews necessary to fit the smaller shaft.



Figure 1 - Thick wall bushing
internal key

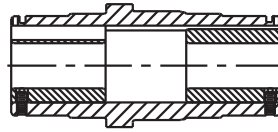


Figure 2 - Thin wall bushing
offset key

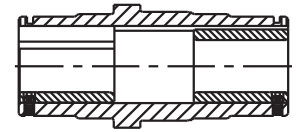


Figure 3 - Thin wall bushing
rectangular or square key



Figure 4 - No bushing

Reducer Size	Shaft Dia.	Shaft Keyseat	Bushing K ± No.	Fig.	Wt. Lbs.
215SMFP	1 7/16	3/8 x 3/16 x 4	215BU107	1	11.7
	1 1/2	3/8 x 3/16 x 4	215BU108	1	11.4
	1 11/16	3/8 x 3/16 x 4	215BU111	1	10.3
	1 3/4	3/8 x 3/16 x 4	215BU112	1	9.9
	1 7/8	1/2 x 1/4 x 4	215BU114	1	9.1
	1 15/16	1/2 x 1/4 x 4	215BU115	2	8.7
	2	1/2 x 1/4 x 4	215BU200	2	8.3
	2 3/16	1/2 x 1/4 x 4	215BU203	2	6.9
	2 1/4	1/2 x 1/4 x 4	215BU204	2	6.4
	2 7/16	5/8 x 5/16 x 4	215BU207	2	4.8
	2 1/2	5/8 x 5/16 x 4	215BU208	2	4.3
	2 11/16	5/8 x 5/16 x 4	215BU211	2	2.5
	2 15/16	3/4 x 3/8 x 4	None	4	-
307SMFP	1 15/16	1/2 x 1/4 x 4 1/2	307BU115	1	16.2
	2	1/2 x 1/4 x 4 1/2	307BU200	1	15.7
	2 3/16	1/2 x 1/4 x 4 1/2	307BU203	1	14.1
	2 1/4	1/2 x 1/4 x 4 1/2	307BU204	1	13.6
	2 7/16	5/8 x 5/16 x 4 1/2	307BU207	2	11.8
	2 1/2	5/8 x 5/16 x 4 1/2	307BU208	2	11.2
	2 11/16	5/8 x 5/16 x 4 1/2	307BU211	2	9.3
	2 7/8	3/4 x 3/8 x 4 1/2	307BU214	2	7.1
	2 15/16	3/4 x 3/8 x 4 1/2	307BU215	2	6.4
	3 7/16	7/8 x 7/16 x 4 1/2	None	4	-
315SMFP	2 7/16	5/8 x 5/16 x 4 1/2	315BU207	1	19.2
	2 1/2	5/8 x 5/16 x 4 1/2	315BU208	1	18.6
	2 11/16	5/8 x 5/16 x 4 1/2	315BU211	2	16.6
	2 13/16	3/4 x 3/8 x 4 1/2	315BU213	2	15.2
	2 7/8	3/4 x 3/8 x 4 1/2	315BU214	2	14.5
	2 15/16	3/4 x 3/8 x 4 1/2	315BU215	2	13.8
	3	3/4 x 3/8 x 4 1/2	315BU300	2	13.1
	3 3/16	3/4 x 3/8 x 4 1/2	315BU303	2	10.7
	3 7/16	7/8 x 7/16 x 4 1/2	315BU307	2	7.4
	3 15/16	1 x 1/2 x 4 1/2	None	4	-

Note: SMFP units and bushings are made-to-order. Contact Regal for delivery.

Note: When using bushings to adapt a SMFP shaft mount reducer to a smaller shaft, the shaft stress based on the transmitted load must always be checked.