

SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE- MENT NO.	SEAL TYPE	LIP MATL.	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE- MENT NO.	SEAL TYPE	LIP MATL.
.250" (1/4") SHAFT							437" (7/16") SHAFT - Cont.						
.437	.441	.125	01 EB 028 016 02	A86265S	01 EB	S	.999	1.003	.250	01 W 100 028 04	A53051	01 W	L
.749	.753	.250	02 BR 048 016 04	A46463S	02 BR	S	.999	1.003	.313	02 R 100 028 05	A86403	02 R	L
.749	.753	.250	04 BRS 048 016 04	A86377S	04 BRS	S	.999	1.003	.375	02 R 100 028 06	A54212	02 R	L
.749	.753	.250	02 R 048 016 04	A54414	02 R	L	.999	1.003	.375	04 RS 100 028 06	A54212S	04 RS	S
.312" (5/16") SHAFT							.468" (15/32") SHAFT						
.500	.504	.125	01 EB 032 020 02	A86266S	01 EB	S	.622	.626	.188	99 EBW 040A 030 03	A86630S	99 EBW *	S
.500	.506	.125	99 RO 032 020 02	A86481S	99 RO *	S	.749	.754	.125	01 B 048 030 02	A86405S	01 B	S
.562	.566	.125	01 B 036 020 02	A45471S	01 B	S	.999	1.003	.250	01 BR 100 030 04	A86406S	01 BR	S
.562	.566	.125	99 B 036 020X 02	A86482S	99 B *	S	.999	1.003	.250	03 BRS 100 030 04	A86407S	03 BRS	S
.625	.630	.156	01 EB 040 020 02.5	A80040S	01 EB	S	.999	1.005	.250	06 ROSW 100 030 04	A86408S	06 ROSW	S
.625	.630	.141	99 RO 040 020 02.75	A86520S	99 RO *	S	.999	1.005	.250	05 ROW 100 030 04	A86409S	05 ROW	S
.687	.691	.250	05 BR 044 020 04	A54584S	05 BR	S	1.124	1.128	.375	02 R 108 030 06	A54003	02 R	L
.687	.691	.250	06 BRS 044 020 04	A86379S	06 BRS	S	.484" (31/64") SHAFT						
.687	.691	.313	02 R 044 020 05	A54584	02 R	L	.875	.879	.250	05 BR 056 031 04	A75013S	05 BR	S
.687	.691	.313	04 RS 044 020 05	A86380S	04 RS	S	.875	.879	.250	06 BRS 056 031 04	A86411S	06 BRS	S
.749	.753	.250	02 BR 048 020 04	A83012S	02 BR	S	.500" (1/2") SHAFT						
.749	.753	.250	04 BRS 048 020 04	A84011S	04 BRS	S	.681	.685	.125	01 EB 044A 032 02	A87182S	01 EB	S
.749	.753	.250	02 RM 048 020 04	A86381S	02 RM	S	.687	.692	.094	99 RO 044 032 01.5	A46872S	99 RO *	S
.749	.753	.250	04 RMS 048 020 04	A86382S	04 RMS	S	.687	.691	.125	01 EB 044 032 02	A86412S	01 EB	S
.999	1.003	.375	04 RS 100 020 06	A54207S	04 RS	S	.687	.691	.125	99 EB 044 032X 02	A64964S	99 EB *	S
.343" (11/32") SHAFT							.500" (1/2") SHAFT						
.749	.753	.250	02 BR 048 022 04	A86383S	02 BR	S	.749	.753	.125	01 EBR 048 032 02	A86413S	01 EBR	S
.749	.753	.250	04 BRS 048 022 04	A86384S	04 BRS	S	.749	.753	.125	01 EBR 048 032 02	A86414S	01 EBR	S
.375" (3/8") SHAFT							.500" (1/2") SHAFT						
.562	.566	.125	01 EB 036 024 02	A86385S	01 EB	S	.801	.805	.188	05 BR 051A 032 03	A86415S	05 BR	S
.625	.629	.125	01 B 040 024 02	A86386S	01 B	S	.801	.805	.188	06 BRS 051A 032 03	A86416S	06 BRS	S
.687	.691	.156	06 RMSW 044 024 02.5	A46553S	06 RMSW	S	.875	.879	.250	05 BR 056 032 04	A86417S	05 BR	S
.687	.691	.156	05 RMW 044 024 02.5	A86387S	05 RMW	S	.875	.879	.250	06 BRS 056 032 04	A86418S	06 BRS	S
.687	.691	.156	01 W 044 024 02.5	A86388	01 W	L	.875	.879	.250	05 RM 056 032 04	A86419S	05 RM	S
.749	.753	.094	99 G 048 024 01.5	A86582	99 G *	L	.875	.879	.250	06 RMS 056 032 04	A86420S	06 RMS	S
.749	.754	.250	01 B 048 024 04	A86389S	01 B	S	.875	.879	.250	02 R 056 032 05	A54373	02 R	L
.749	.753	.250	02 R 048 024 04	A54380	02 R	L	.999	1.003	.250	01 BR 100 032 04	A53029S	01 BR	S
.749	.755	.250	02 RO 048 024 04	A83013S	02 RO	S	.999	1.003	.250	03 BRS 100 032 04	A45439S	03 BRS	S
.749	.755	.250	04 ROS 048 024 04	A84013S	04 ROS	S	.999	1.003	.250	04 BRW 100 032 04	A46405S	04 BRW	S
.875	.879	.250	05 BR 056 024 04	A86390S	05 BR	S	.999	1.003	.250	02 BRW 100 032 04	A86421S	02 BRW	S
.875	.879	.250	06 BRS 056 024 04	A84004S	06 BRS	S	.999	1.005	.250	02 RO 100 032 04	A86422S	02 RO	S
.875	.879	.313	02 R 056 024 05	A54165	02 R	L	.999	1.005	.250	04 ROS 100 032 04	A86423S	04 ROS	S
.999	1.003	.188	03 R 100 024 03	A86391	03 R	L	.999	1.003	.250	01 W 100 032 04	A53029	01 W	L
.999	1.003	.375	02 R 100 024 06	A54209	02 R	L	.999	1.003	.313	02 R 100 032 05	A86424	02 R	L
.999	1.003	.375	04 RS 100 024 06	A54209S	04 RS	S	.999	1.003	.375	02 R 100 032 06	A54128	02 R	L
.406" (13/32") SHAFT							.500" (1/2") SHAFT						
.562	.566	.078	01 EB 036 026 01.25	A86392S	01 EB	S	.999	1.003	.375	04 RS 100 032 06	A54128S	04 RS	S
.875	.879	.250	02 BR 056 026 04	A86393S	02 BR	S	1.124	1.128	.250	01 BR 108 032 04	A86425S	01 BR	S
.875	.879	.250	04 BRS 056 026 04	A86394S	04 BRS	S	1.124	1.128	.250	03 BRS 108 032 04	A86426S	03 BRS	S
.999	1.003	.375	02 R 100 026 06	A54211	02 R	L	1.124	1.128	.250	01 W 108 032 04	A53000	01 W	L
.437" (7/16") SHAFT							.500" (1/2") SHAFT						
.625	.629	.125	01 EB 040 028 02	A86395S	01 EB	S	1.124	1.128	.313	01 BR 108 032 05	A86427S	01 BR	S
.687	.691	.125	01 B 044 028 02	A86396S	01 B	S	1.124	1.128	.313	05 BR 108 032 05	A86428S	05 BR	S
.875	.879	.250	02 BR 056 028 04	A80037S	02 BR	S	1.124	1.128	.313	03 BRS 108 032 05	A86429S	03 BRS	S
.875	.879	.250	04 BRS 056 028 04	A54441S	04 BRS	S	1.124	1.128	.313	06 BRS 108 032 05	A86430S	06 BRS	S
.998	1.002	.375	02 R 100B 028 06	A86404	02 R	L	1.124	1.128	.313	02 R 108 032 05	A86431	02 R	L
.999	1.003	.250	05 BR 100 028 04	A86397S	05 BR	S	1.124	1.128	.313	04 RS 108 032 05	A46359S	04 RS	S
.999	1.003	.250	06 BRS 100 028 04	A46630S	06 BRS	S	1.124	1.128	.375	02 R 108 032 06	A54004	02 R	L
.999	1.003	.250	05 RM 100 028 04	A86398S	05 RM	S	1.178	1.187	.375	99 EBR 112B 032 06	A86716S	99 EBR *	S
.999	1.003	.250	06 RMS 100 028 04	A86399S	06 RMS	S	1.250	1.254	.250	05 BR 116 032 04	A87226S	05 BR	S
.999	1.004	.250	04 ROSW 100 028 04	A86400S	04 ROSW	S	1.250	1.254	.250	06 BRS 116 032 04	A87253S	06 BRS	S
.999	1.004	.250	02 ROW 100 028 04	A86401S	02 ROW	S	1.260	1.264	.250	01 W 116 032 04	A86434	01 W	L
							1.260	1.264	.250	05 BR 116B 032 04	A86432S	05 BR	S
							1.260	1.264	.250	06 BRS 116B 032 04	A86433S	06 BRS	S

* For definition of code letters, see Page 11.

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SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.
.531" (17/32") SHAFT							.625" (5/8") SHAFT - CONT.						
.749	.755	.125	99 RO 048 034 02	A86768S	99 RO *	S	1.124	1.128	.250	02 BR 108 040 04	A80013S	02 BR	S
.875	.879	.313	02 R 056 034 05	A86435	02 R	L	1.124	1.128	.250	04 BRS 108 040 04	A86464S	04 BRS	S
.999	1.003	.250	01 W 100 034 04	A86436	01 W	L	1.124	1.128	.250	02 RM 108 040 04	A86465S	02 RM	S
.999	1.003	.313	02 R 100 034 05	A86437	02 R	L	1.124	1.128	.250	04 RMS 108 040 04	A86466S	04 RMS	S
1.124	1.128	.250	05 BR 108 034 04	A86438S	05 BR	S	1.124	1.130	.250	05 RO 108 040 04	A86467S	05 RO	S
1.124	1.128	.250	06 BRS 108 034 04	A86439S	06 BRS	S	1.124	1.130	.250	06 ROS 108 040 04	A86468S	06 ROS	S
1.124	1.128	.375	02 R 108 034 06	A86440S	02 R	L	1.124	1.128	.313	01 F 108 040 05	A86469	01 F	F
1.378	1.382	.250	01 W 124A 034 04	A86441	01 W	L	1.124	1.128	.313	02 R 108 040 05	A86470	02 R	L
.547" (35/64") SHAFT							1.124	1.128	.313	04 RS 108 040 05	A54008S	04 RS	S
.945	.952	.281	01 RO 061A 035 04.5	A86442S	01 RO	S	1.124	1.128	.375	02 R 108 040 06	A54008	02 R	L
.945	.952	.281	03 ROS 061A 035 04.5	A86443S	03 ROS	S	1.124	1.128	.375	04 RS 108 040 06	A86471S	04 RS	S
.999	1.003	.375	04 RS 100 035 06	A86444S	04 RS	S	1.250	1.254	.250	02 BR 116 040 04	A86472S	02 BR	S
.562" (9/16") SHAFT							1.250	1.254	.250	04 BRS 116 040 04	A86473S	04 BRS	S
.749	.753	.125	99 EB 048 036X 02	A87365S	99 EB *	S	1.250	1.254	.250	02 RM 116 040 04	A86474S	02 RM	S
.750	.754	.125	01 EB 048A 036 02	A86445S	01 EB	S	1.250	1.254	.250	04 RMS 116 040 04	A86475S	04 RMS	S
.812	.816	.125	01 B 052 036 02	A86261S	01 B	S	1.250	1.254	.250	01 W 116 040 04	A53003	01 W	L
.812	.816	.125	99 BRSW 052 036 02	A86798S	99 BRSW *	S	1.250	1.254	.375	02 R 116 040 06	A54017	02 R	L
.999	1.003	.250	02 BR 100 036 04	A86446S	02 BR	S	1.250	1.254	.375	04 RS 116 040 06	A54017S	04 RS	S
.999	1.003	.250	04 BRS 100 036 04	A86447S	04 BRS	S	1.375	1.379	.250	02 BR 124 040 04	A86476S	02 BR	S
.999	1.003	.250	01 W 100 036 04	A53052	01 W	L	1.375	1.379	.250	04 BRS 124 040 04	A86477S	04 BRS	S
.999	1.003	.375	02 R 100 036 06	A54216	02 R	L	1.375	1.379	.250	01 W 124 040 04	A53004	01 W	L
.999	1.003	.375	04 RS 100 036 06	A54216S	04 RS	S	1.375	1.379	.375	01 R 124 040 06	A54023	01 R	L
1.001	1.005	.250	02 BR 100A 036 04	A87366S	02 BR	S	1.375	1.379	.406	02 R 124 040 06.5	A54022	02 R	L
1.001	1.005	.250	04 BRS 100A 036 04	A87367S	04 BRS	S	1.499	1.503	.250	02 BR 132 040 04	A86478S	02 BR	S
1.121	1.125	.250	02 BR 108A 036 04	A86448S	02 BR	S	1.499	1.503	.250	04 BRS 132 040 04	A86479S	04 BRS	S
1.121	1.125	.250	04 BRS 108A 036 04	A86449S	04 BRS	S	1.578	1.582	.313	01 F 137A 040 05	A86480	01 F	F
1.124	1.128	.250	01 W 108 036 04	A86450	01 W	L	.656" (21/32") SHAFT						
1.124	1.128	.375	02 R 108 036 06	A54006	02 R	L	1.124	1.128	.250	01 W 108 042 04	A86483	01 W	L
1.375	1.379	.313	01 R 124 036 05	A54020	01 R	L	1.124	1.128	.313	04 RS 108 042 05	A86484S	04 RS	S
1.571	1.575	.313	01 R 136B 036 05	A86451	01 R	L	1.250	1.254	.250	01 W 116 042 04	A53113	01 W	L
.593" (19/32") SHAFT							1.375	1.379	.250	01 W 124 042 04	A53005	01 W	L
.937	.941	.188	01 B 060 038 03	A83025S	01 B	S	1.375	1.379	.313	02 R 124 042 05	A54543	02 R	L
1.124	1.128	.375	02 R 108 038 06	A54007	02 R	L	1.575	1.579	.250	02 BR 137 042 04	A86485S	02 BR	S
1.124	1.128	.375	04 RS 108 038 06	A54007S	04 RS	S	1.575	1.579	.250	04 BRS 137 042 04	A86486S	04 BRS	S
1.250	1.254	.313	04 RS 116 038 05	A54016S	04 RS	S	1.575	1.579	.375	02 R 137 042 06	A86487	02 R	L
1.375	1.379	.406	02 R 124 038 06.5	A54021	02 R	S	.671" (43/64") SHAFT						
1.378	1.382	.250	01 W 124A 038 04	A86453	01 W	L	.893	.897	.109	01 F 057A 043 01.75	A86488	01 F	F
.625" (5/8") SHAFT							1.062	1.066	.281	05 RM 104 043 04.5	A86489S	05 RM	S
.812	.816	.125	01 EB 052 040 02	A86267S	01 EB	S	1.062	1.066	.281	06 RMS 104 043 04.5	A46851S	06 RMS	S
.875	.879	.125	01 B 056 040 02	A86262S	01 B	S	1.064	1.068	.281	05 RM 104A 043 04.5	A87370S	05 RM	S
.875	.879	.125	99 BRSW 056 040 02	A86808S	99 BRSW *	S	1.064	1.068	.281	06 RMS 104A 043 04.5	A87371S	06 RMS	S
.875	.879	.125	01 EBR 056 040 02	A86454S	01 EBR	S	1.124	1.128	.313	05 BR 108 043 05	A86490S	05 BR	S
.875	.879	.125	01 EBR 056 040 02	A86455S	01 EBR	S	1.124	1.128	.313	06 BRS 108 043 05	A86491S	06 BRS	S
.875	.881	.125	99 RO 056 040 02	A86810S	99 RO *	S	.687" (11/16") SHAFT						
.937	.941	.188	01 B 060 040 03	A46857S	01 B	S	.875	.879	.125	01 EB 056 044 02	A86268S	01 EB	S
.999	1.003	.250	01 B 100 040 04	A83022S	01 B	S	.937	.941	.125	01 B 060 044 02	A86263S	01 B	S
.999	1.003	.250	01 BR 100 040 04	A86456S	01 BR	S	.937	.941	.125	01 EBR 060 044 02	A86492S	01 EBR	S
.999	1.003	.250	03 BRS 100 040 04	A86457S	03 BRS	S	.937	.941	.125	01 EBR 060 044 02	A86493S	01 EBR	S
.999	1.003	.250	04 BRSW 100 040 04	A86458S	04 BRSW	S	1.124	1.128	.375	02 R 108 044 06	A54144	02 R	L
.999	1.003	.250	02 BRW 100 040 04	A86459S	02 BRW	S	1.250	1.254	.250	01 BR 116 044 04	A86494S	01 BR	S
.999	1.003	.250	01 RM 100 040 04	A87368S	01 RM	S	1.250	1.254	.250	03 BRS 116 044 04	A60801S	03 BRS	S
.999	1.003	.250	03 RMS 100 040 04	A87369S	03 RMS	S	1.250	1.254	.250	06 BRSW 116 044 04	A86495S	06 BRSW	S
.999	1.005	.250	02 RO 100 040 04	A86460S	02 RO	S	1.250	1.254	.250	05 BRW 116 044 04	A86496S	05 BRW	S
.999	1.005	.250	04 ROS 100 040 04	A46833S	04 ROS	S	1.250	1.254	.250	06 RMSW 116 044 04	A86497S	06 RMSW	S
.999	1.003	.250	01 W 100 040 04	A53092	01 W	L	1.250	1.254	.250	05 RMW 116 044 04	A86498S	05 RMW	S
1.062	1.066	.188	01 B 104 040 03	A86461S	01 B	S	1.375	1.379	.250	02 BR 124 044 04	A86499S	02 BR	S
1.062	1.066	.250	01 BR 104 040 04	A86462S	01 BR	S	1.375	1.379	.250	04 BRS 124 044 04	A86500S	04 BRS	S
1.062	1.066	.250	03 BRS 104 040 04	A86463S	03 BRS	S							

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SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL ^o	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL ^o
.687" (11/16") SHAFT - CONT.							.750" (3/4") SHAFT - CONT.						
1.375	1.379	.406	01 R 124 044 06.5	A54024	01 R	L	1.375	1.379	.250	01 W 124 048 04	A53008	01 W	L
1.375	1.379	.406	04 RMSW 124 044 06.5	A86501S	04 RMSW	S	1.375	1.379	.313	01 R 124 048 05	A54586	01 R	L
1.375	1.379	.406	02 RMW 124 044 06.5	A86502S	02 RMW	S	1.375	1.379	.313	04 RS 124 048 05	A54026S	04 RS	S
1.499	1.503	.313	01 R 132 044 05	A54219	01 R	L	1.375	1.379	.406	01 R 124 048 06.5	A54026	01 R	L
.703" (45/64") SHAFT							1.375	1.379	.531	03 DW 124 048 08.5	A86525	03 DW	LL
1.160	1.164	.250	05 RM 110A 045 04	A86503S	05 RM	S	1.375	1.379	.531	29 DWS 124 048 08.5	A86526S	29 DWS	SS
1.160	1.164	.250	06 RMS 110A 045 04	A81103S	06 RMS	S	1.375	1.379	.531	33 DWS 124 048 08.5	A86527S	33 DWS	SS
.718" (23/32") SHAFT							1.378	1.382	.313	01 R 124A 048 05	A86524	01 R	L
.999	1.003	.156	01 EBR 100 046 02.5	A86504S	01 EBR	S	1.499	1.503	.250	01 BR 132 048 04	A86528S	01 BR	S
.999	1.003	.156	01 EBRS 100 046 02.5	A86505S	01 EBRS	S	1.499	1.503	.250	03 BRS 132 048 04	A65968S	03 BRS	S
1.062	1.066	.188	05 BR 104 046 03	A86506S	05 BR	S	1.499	1.503	.250	01 RM 132 048 04	A86529S	01 RM	S
1.062	1.066	.188	06 BRS 104 046 03	A86378S	06 BRS	S	1.499	1.503	.250	03 RMS 132 048 04	A86530S	03 RMS	S
1.250	1.254	.375	02 R 116 046 06	A54473	02 R	L	1.499	1.503	.250	01 W 132 048 04	A86531	01 W	L
.724" SHAFT							1.499	1.503	.375	01 R 132 048 06	A54606	01 R	L
1.062	1.066	.188	05 BR 104 046X 03	A86820S	05 BR	S	1.499	1.503	.375	04 RS 132 048 06	A86532S	04 RS	S
1.062	1.066	.188	06 BRS 104 046X 03	A46902S	06 BRS	S	1.499	1.503	.391	01 R 132 048 06.25	A54027	01 R	L
.741" SHAFT							1.499	1.503	.391	04 RS 132 048 06.25	A54027S	04 RS	S
1.378	1.382	.250	99 RM 124A 048X 04	A86831S	99 RM *	S	1.499	1.503	.531	41 DWS 132 048 08.5	A86533S	41 DWS	SS
.750" (3/4") SHAFT							1.575	1.579	.250	02 BR 137 048 04	A86534S	02 BR	S
.999	1.004	.125	01 B 100 048 02	A80045S	01 B	S	1.575	1.579	.250	04 BRS 137 048 04	A86535S	04 BRS	S
1.062	1.066	.125	01 B 104 048 02	A80049S	01 B	S	1.575	1.581	.250	05 RO 137 048 04	A86536S	05 RO	S
1.124	1.128	.188	05 BR 108 048 03	A83020S	05 BR	S	1.575	1.581	.250	06 ROS 137 048 04	A86537S	06 ROS	S
1.124	1.128	.188	06 BRS 108 048 03	A45447S	06 BRS	S	1.578	1.585	.313	06 ROSW 137A 048 05	A86538S	06 ROSW	S
1.124	1.128	.313	01 F 108 048 05	A86507	01 F	F	1.578	1.585	.313	05 ROW 137A 048 05	A86539S	05 ROW	S
1.160	1.164	.250	05 RM 110A 048 04	A86508S	05 RM	S	1.624	1.628	.250	01 BR 140 048 04	A87294S	01 BR	S
1.160	1.164	.250	06 RMS 110A 048 04	A64901S	06 RMS	S	1.624	1.628	.250	03 BRS 140 048 04	A86540S	03 BRS	S
1.187	1.191	.250	01 BR 112 048 04	A86509S	01 BR	S	1.624	1.628	.313	01 R 140 048 05	A86541	01 R	L
1.187	1.191	.250	03 BRS 112 048 04	A86510S	03 BRS	S	1.624	1.628	.313	99 RS 140 048 05	A86840S	99 RS *	S
1.246	1.250	.375	01 F 116A 048 06	A46260	01 F	F	1.624	1.628	.438	01 R 140 048 07	A54225	01 R	L
1.250	1.254	.125	01 EB 116 048 02	A86511S	01 EB	S	1.625	1.629	.250	01 BR 140B 048 04	A83010S	01 BR	S
1.250	1.254	.188	05 BR 116 048 03	A86512S	05 BR	S	1.625	1.629	.250	03 BRS 140B 048 04	A87295S	03 BRS	S
1.250	1.254	.188	06 BRS 116 048 03	A86513S	06 BRS	S	1.752	1.756	.313	03 R 148 048 05	A86542	03 R	L
1.250	1.254	.250	05 BR 116 048 04	A83004S	05 BR	S	1.780	1.784	.250	02 BR 150 048 04	A86543S	02 BR	S
1.250	1.254	.250	06 BRS 116 048 04	A46518S	06 BRS	S	1.780	1.784	.250	04 BRS 150 048 04	A86544S	04 BRS	S
1.250	1.254	.250	05 RM 116 048 04	A87372S	05 RM	S	1.828	1.832	.250	02 BR 153 048 04	A86545S	02 BR	S
1.250	1.254	.250	06 RMS 116 048 04	A87373S	06 RMS	S	1.828	1.832	.250	04 BRS 153 048 04	A86546S	04 BRS	S
1.250	1.260	.250	05 RO 116 048 04	A87293S	05 RO	S	1.851	1.855	.250	99 W 155 048 04	A86844	99 W *	L
1.250	1.260	.250	06 ROS 116 048 04	A46612S	06 ROS	S	1.874	1.878	.375	01 R 156 048 06	A54528	01 R	L
1.250	1.256	.250	06 ROSW 116 048 04	A86514S	06 ROSW	S	.781" (25/32") SHAFT						
1.250	1.256	.250	05 ROW 116 048 04	A86515S	05 ROW	S	1.124	1.128	.156	01 B 108 050 02.5	A86547S	01 B	S
1.250	1.254	.250	01 TUW 116 048 04	A86516	01 TUW	U	1.250	1.254	.188	02 BR 116 050 03	A86548S	02 BR	S
1.250	1.254	.250	01 W 116 048 04	A53033	01 W	L	1.250	1.254	.188	04 BRS 116 050 03	A86549S	04 BRS	S
1.250	1.254	.313	04 BRSW 116 048 05	A86517S	04 BRSW	S	1.250	1.254	.313	04 BRSW 116 050 05	A86550S	04 BRSW	S
1.250	1.254	.313	02 BRW 116 048 05	A86518S	02 BRW	S	1.250	1.254	.313	02 BRW 116 050 05	A86551S	02 BRW	S
1.250	1.254	.313	02 R 116 048 05	A54546	02 R	L	1.250	1.254	.375	02 R 116 050 06	A86552	02 R	L
1.250	1.254	.313	04 RMSW 116 048 05	A63860S	04 RMSW	S	1.375	1.379	.250	01 BR 124 050 04	A86553S	01 BR	S
1.250	1.254	.313	02 RMW 116 048 05	A86519S	02 RMW	S	1.375	1.379	.250	03 BRS 124 050 04	A84005S	03 BRS	S
1.250	1.254	.375	02 R 116 048 06	A54148	02 R	L	1.375	1.379	.250	01 W 124 050 04	A53053	01 W	L
1.250	1.254	.375	05 RS 116 048 06	A54148S	05 RS	S	1.375	1.379	.375	02 R 124 050 06	A86554	02 R	L
1.301	1.305	.313	04 RMSW 120C 048 05	A68840S	04 RMSW	S	1.375	1.379	.375	05 RS 124 050 06	A86555S	05 RS	S
1.301	1.305	.313	02 RMW 120C 048 05	A87377S	02 RMW	S	1.375	1.379	.406	02 R 124 050 06.5	A54217	02 R	L
1.308	1.312	.313	04 RMSW 120 048 05	A87374S	04 RMSW	S	1.375	1.379	.406	05 RS 124 050 06.5	A54217S	05 RS	S
1.308	1.312	.313	02 RMW 120 048 05	A87375S	02 RMW	S	1.499	1.503	.250	05 RS 124 050 06.5NA	A46602S	05 RS	S
1.312	1.316	.313	04 RMSW 120A 048 05	A46801S	04 RMSW	S	1.499	1.503	.250	01 W 132 050 04	A86556	01 W	L
1.312	1.316	.313	02 RMW 120A 048 05	A86521S	02 RMW	S	1.499	1.503	.313	04 RS 132 050 05	A54029S	04 RS	S
1.375	1.379	.250	01 BR 124 048 04	A86522S	01 BR	S	1.547	1.551	.250	01 W 135 050 04	A86558	01 W	L
1.375	1.379	.250	03 BRS 124 048 04	A86523S	03 BRS	S	1.624	1.628	.188	01 T 140 050 03	A75014S	01 T	S
							1.624	1.628	.188	02 T 140 050 03	A86560S	02 T	S
							1.624	1.628	.313	01 R 140 050 05	A86562	01 R	L

* For definition of code letters, see Page 11.

*Special Construction Contact Factory for Further Information.

SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL*	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL*
.781" (25/32") SHAFT - CONT.							.875" (7/8") SHAFT - CONT.						
1.624	1.628	.313	04 RS 140 050 05	A86563S	04 RS	S	1.375	1.379	.250	02 BRW 124 056 04	A86599S	02 BRW	S
1.624	1.628	.313	05 RS 140 050 05	A86564S	05 RS	S	1.375	1.379	.250	05 RM 124 056 04	A86600S	05 RM	S
1.624	1.628	.438	01 R 140 050 07	A54226	01 R	L	1.375	1.379	.250	06 RMS 124 056 04	A84020S	06 RMS	S
1.752	1.756	.250	01 T 148 050 04	A86873S	01 T	S	1.375	1.379	.313	04 BRSW 124 056 05	A81100S	04 BRSW	S
1.752	1.756	.250	02 T 148 050 04	A86565S	02 T	S	1.375	1.379	.313	02 BRW 124 056 05	A86601S	02 BRW	S
.787" SHAFT							1.375	1.379	.313	01 F 124 056 05	A81046	01 F	F
1.624	1.628	.188	01 T 140 050X 03	A86288S	01 T	S	1.375	1.379	.313	02 R 124 056 05	A54511	02 R	L
1.624	1.628	.188	02 T 140 050X 03	A86561S	02 T	S	1.375	1.379	.313	04 RS 124 056 05	A54511S	04 RS	S
.812" (13/16") SHAFT							1.375	1.379	.406	02 R 124 056 06.5	A54388	02 R	L
1.062	1.066	.125	01 B 104 052 02	A86566S	01 B	S	1.375	1.379	.500	03 DW 124 056 08	A51023	03 DW	LL
1.124	1.128	.156	01 B 108 052 02.5	A86567S	01 B	S	1.437	1.441	.250	02 BR 128 056 04	A86602S	02 BR	S
1.187	1.193	.188	02 RO 112 052 03	A86568S	02 RO	S	1.437	1.441	.250	04 BRS 128 056 04	A86603S	04 BRS	S
1.187	1.193	.188	04 ROS 112 052 03	A86569S	04 ROS	S	1.499	1.503	.250	05 BR 132 056 04	A86604S	05 BR	S
1.250	1.254	.188	02 BR 116 052 03	A86570S	02 BR	S	1.499	1.503	.250	06 BRS 132 056 04	A54547S	06 BRS	S
1.250	1.254	.188	04 BRS 116 052 03	A86231S	04 BRS	S	1.499	1.503	.250	01 W 132 056 04	A53009	01 W	L
1.250	1.254	.250	05 BR 116 052 04	A86572S	05 BR	S	1.499	1.503	.375	02 R 132 056 06	A86605	02 R	L
1.250	1.254	.250	06 BRS 116 052 04	A86573S	06 BRS	S	1.499	1.503	.375	05 RS 132 056 06	A86606S	05 RS	S
1.250	1.254	.250	05 RM 116 052 04	A86574S	05 RM	S	1.499	1.503	.391	02 R 132 056 06.25	A54032	02 R	L
1.250	1.254	.250	06 RMS 116 052 04	A86575S	06 RMS	S	1.499	1.503	.391	05 RS 132 056 06.25	A54032S	05 RS	S
1.250	1.254	.313	05 RS 116 052 05	A61840S	05 RS	S	1.499	1.503	.391	01 TK 132 056 06.25	A86607S	01 TK	S
1.375	1.379	.250	02 BR 124 052 04	A86577S	02 BR	S	1.499	1.503	.391	02 TK 132 056 06.25	A86608S	02 TK	S
1.375	1.379	.250	04 BRS 124 052 04	A86578S	04 BRS	S	1.499	1.503	.438	01 BRO 132 056 07	A86609S	01 BRO	S
1.375	1.379	.250	01 W 124 052 04	A86576	01 W	L	1.499	1.503	.438	03 BRSO 132 056 07	A86610S	03 BRSO	S
1.375	1.379	.313	04 BRSW 124 052 05	A86579S	04 BRSW	S	1.500	1.504	.531	41 DWS 132A 056 08.5	A86611S	41 DWS	SS
1.375	1.379	.313	02 BRW 124 052 05	A86580S	02 BRW	S	1.561	1.565	.250	01 W 136 056 04	A86612	01 W	L
1.375	1.379	.313	02 R 124 052 05	A86581	02 R	L	1.561	1.565	.250	99 W 136 056 04X	A87061S	99 W *	L
1.375	1.379	.313	05 RS 124 052 05	A54218S	05 RS	S	1.575	1.579	.250	01 BR 137 056 04	A86613S	01 BR	S
1.375	1.379	.406	02 R 124 052 06.5	A54218	02 R	L	1.575	1.579	.250	03 BRS 137 056 04	A86614S	03 BRS	S
1.377	1.381	.156	01 B 124B 052 02.5	A86882S	01 B	S	1.575	1.579	.250	01 W 137 056 04	A53120	01 W	L
1.499	1.503	.313	02 R 132 052 05	A54520	02 R	L	1.624	1.628	.250	01 BR 140 056 04	A86615S	01 BR	S
1.499	1.503	.391	02 R 132 052 06.25	A54030	02 R	L	1.624	1.628	.250	03 BRS 140 056 04	A84006S	03 BRS	S
1.752	1.756	.250	01 W 148 052 04	A86583	01 W	L	1.624	1.628	.313	02 R 140 056 05	A86616	02 R	L
1.752	1.756	.313	02 R 148 052 05	A86584	02 R	L	1.624	1.628	.438	01 R 140 056 07	A54229	01 R	L
.875" (7/8") SHAFT							1.828	1.832	.438	01 R 153 056 07	A54038	01 R	L
1.121	1.125	.125	01 B 108A 056 02	A87379S	01 B	S	1.983	1.987	.250	05 BR 163 056 04	A86617	05 BR	S
1.124	1.128	.125	01 B 108 056 02	A80044S	01 B	S	1.983	1.987	.250	06 BRS 163 056 04	A86618S	06 BRS	S
1.124	1.128	.188	99 BW 108 056 03	A86948S	99 BW *	S	2.000	2.004	.250	05 BR 200 056 04	A86619S	05 BR	S
1.184	1.188	.438	01 EB 112A 056 07	A86586S	01 EB	S	2.000	2.004	.250	06 BRS 200 056 04	A86620S	06 BRS	S
1.184	1.188	.563	99 RMW 112A 056 09	A86971S	99 RMW *	S	2.000	2.004	.375	01 R 200 056 06	A86621	01 R	L
1.187	1.191	.156	01 B 112 056 02.5	A86585S	01 B	S	.937" (15/16") SHAFT						
1.246	1.250	.188	01 BR 116A 056 03	A46079S	01 BR	S	1.187	1.191	.125	01 B 112 060 02	A86622S	01 B	S
1.246	1.250	.188	03 BRS 116A 056 03	A87296S	03 BRS	S	1.375	1.379	.250	01 BR 124 060 04	A83024S	01 BR	S
1.250	1.254	.188	01 BR 116 056 03	A83019S	01 BR	S	1.375	1.379	.250	03 BRS 124 060 04	A86623S	03 BRS	S
1.250	1.254	.188	03 BRS 116 056 03	A46802S	03 BRS	S	1.499	1.503	.375	02 R 132 060 06	A86624	02 R	L
1.250	1.256	.188	02 RO 116 056 03	A86589S	02 RO	S	1.499	1.503	.391	02 R 132 060 06.25	A54195	02 R	L
1.250	1.256	.188	04 ROS 116 056 03	A86590S	04 ROS	S	1.624	1.628	.250	01 W 140 060 04	A53058	01 W	L
1.250	1.254	.250	04 BRSW 116 056 04	A86591S	04 BRSW	S	1.624	1.628	.313	04 RS 140 060 05	A54231S	04 RS	S
1.250	1.254	.250	02 BRW 116 056 04	A86592S	02 BRW	S	1.734	1.738	.250	01 W 147 060 04	A63961	01 W	L
1.250	1.254	.250	04 RMSW 116 056 04	A86593S	04 RMSW	S	1.752	1.756	.250	01 W 148 060 04	A86625	01 W	L
1.250	1.254	.250	02 RMW 116 056 04	A86594S	02 RMW	S	.953" (61/64") SHAFT						
1.312	1.316	.250	01 BR 120A 056 04	A83016S	01 BR	S	2.060	2.064	.281	99 BRS 204B 061 04.5	A45361S	99 BRS *	S
1.312	1.316	.250	03 BRS 120A 056 04	A86595S	03 BRS	S	.968" (31/32") SHAFT						
1.375	1.379	.250	02 BR 124 056 04	A83014S	02 BR	S	1.499	1.503	.313	02 R 132 062 05	A86626	02 R	L
1.375	1.379	.250	05 BR 124 056 04	A86596S	05 BR	S	1.499	1.503	.313	04 RS 132 062 05	A54222S	04 RS	S
1.375	1.379	.250	04 BRS 124 056 04	A46628S	04 BRS	S	1.499	1.503	.391	02 R 132 062 06.25	A54222	02 R	L
1.375	1.379	.250	06 BRS 124 056 04	A86597S	06 BRS	S	.984" (63/64") SHAFT						
1.375	1.379	.250	04 BRSW 124 056 04	A86598S	04 BRSW	S	1.499	1.503	.313	02 R 132 063 05	A86627	02 R	L
							1.499	1.503	.375	02 R 132 063 06	A86628	02 R	L

* For definition of code letters, see Page 11.

*Special Construction Contact Factory for Further Information.

SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.
.984" (63/64") SHAFT - CONT.							1.000" (1") SHAFT - CONT.						
1.499	1.503	.391	02 R 132 063 06.25	A86629	02 R	L	1.686	1.690	.343	99 GTW 144 100 05.5	A87184	99 GTW	* T
1.575	1.579	.438	05 RS 137 063 07	A54589S	05 RS	S	1.752	1.756	.250	02 BR 148 100 04	A86663S	02 BR	S
2.125	2.129	.594	06 DW 208 063 09.5	A81017	06 DW	LL	1.752	1.756	.250	04 BRS 148 100 04	A86355S	04 BRS	S
1.000" (1") SHAFT							1.752	1.756	.250	01 W 148 100 04	A53061	01 W	L
1.250	1.254	.125	01 B 116 100 02	A80042S	01 B	S	1.752	1.756	.313	02 R 148 100 05	A54501	02 R	L
1.250	1.254	.125	01 EBR 116 100 02	A86631S	01 EBR	S	1.752	1.756	.438	02 R 148 100 07	A54244	02 R	L
1.250	1.254	.125	01 EBR 116 100 02	A86632S	01 EBR	S	1.752	1.756	.563	04 RS 148 100 07	A54244S	04 RS	S
1.250	1.254	.250	99 BW 116 100 04	A64962S	99 BW *	S	1.780	1.784	.250	01 DF 148 100 09	A48069	01 DF	LF
1.307	1.311	.156	01 B 120B 100 02.5	A86635S	01 B	S	1.780	1.784	.250	01 BR 150 100 04	A86665S	01 BR	S
1.308	1.312	.156	01 B 120 100 02.5	A86633S	01 B	S	1.780	1.784	.250	03 BRS 150 100 04	A86667S	03 BRS	S
1.312	1.316	.156	01 B 120A 100 02.5	A86634S	01 B	S	1.782	1.786	.250	01 BR 150A 100 04	A86666S	01 BR	S
1.312	1.316	.156	01 BM 120A 100 02.5	A86636S	01 BM	S	1.782	1.786	.250	03 BRS 150A 100 04	A86668S	03 BRS	S
1.375	1.379	.188	05 BR 124 100 03	A85016S	05 BR	S	1.828	1.832	.438	02 R 153 100 07	A54043	02 R	L
1.375	1.379	.188	06 BRS 124 100 03	A86637S	06 BRS	S	1.828	1.832	.438	05 RS 153 100 07	A54043S	05 RS	S
1.375	1.379	.250	01 W 124 100 04	A86638	01 W	L	1.874	1.878	.250	02 BR 156 100 04	A86669S	02 BR	S
1.437	1.441	.250	01 BR 128 100 04	A80032S	01 BR	S	1.874	1.878	.438	04 BRS 156 100 04	A86670S	04 BRS	S
1.437	1.441	.250	03 BRS 128 100 04	A84016S	03 BRS	S	1.874	1.878	.438	01 R 156 100 07	A54249	01 R	L
1.437	1.443	.250	04 ROSW 128 100 04	A86639S	04 ROSW	S	1.968	1.972	.250	02 BR 162 100 04	A86671S	02 BR	S
1.437	1.443	.250	02 ROW 128 100 04	A86640S	02 ROW	S	1.968	1.972	.250	04 BRS 162 100 04	A86672S	04 BRS	S
1.437	1.441	.531	03 DW 128 100 08.5	A86641	03 DW	LL	1.983	1.987	.250	02 BR 163 100 04	A86673S	02 BR	S
1.499	1.503	.250	01 BR 132 100 04	A83002S	01 BR	S	1.983	1.987	.250	04 BRS 163 100 04	A86674S	04 BRS	S
1.499	1.503	.250	05 BR 132 100 04	A86642S	05 BR	S	2.000	2.004	.250	02 BR 200 100 04	A86675S	02 BR	S
1.499	1.503	.250	03 BRS 132 100 04	A86643S	03 BRS	S	2.000	2.004	.250	04 BRS 200 100 04	A86676S	04 BRS	S
1.499	1.503	.250	06 BRS 132 100 04	A86644S	06 BRS	S	2.000	2.004	.250	01 W 200 100 04	A53040	01 W	L
1.499	1.503	.250	06 BRSW 132 100 04	A86645S	06 BRSW	S	2.000	2.004	.438	01 R 200 100 07	A54166	01 R	L
1.499	1.503	.250	05 BRW 132 100 04	A86646S	05 BRW	S	2.000	2.004	.438	04 RS 200 100 07	A86677S	04 RS	S
1.499	1.503	.250	06 RMSW 132 100 04	A86647S	06 RMSW	S	2.000	2.004	.625	01 DF 200 100 10	A48034	01 DF	LF
1.499	1.503	.250	05 RMW 132 100 04	A86648S	05 RMW	S	2.000	2.004	.625	03 DFS 200 100 10	A86678S	03 DFS	SF
1.499	1.505	.250	01 RO 132 100 04	A86649S	01 RO	S	2.062	2.066	.281	02 BR 204 100 04.5	A86679S	02 BR	S
1.499	1.505	.250	03 ROS 132 100 04	A84024S	03 ROS	S	2.062	2.066	.281	04 BRS 204 100 04.5	A86680S	04 BRS	S
1.499	1.503	.250	01 W 132 100 04	A53030	01 W	L	2.062	2.066	.438	01 R 204 100 07	A54198	01 R	L
1.499	1.503	.313	06 BRSW 132 100 05	A86650S	06 BRSW	S	2.250	2.254	.250	01 W 216 100 04	A53044	01 W	L
1.499	1.503	.313	05 BRW 132 100 05	A86651S	05 BRW	S	2.441	2.445	.250	02 BR 228A 100 04	A86681S	02 BR	S
1.499	1.503	.313	02 R 132 100 05	A54507	02 R	L	2.441	2.445	.250	04 BRS 228A 100 04	A86682S	04 BRS	S
1.499	1.503	.313	04 RS 132 100 05	A54507S	04 RS	S	2.441	2.445	.313	01 TW 228A 100 05	A86683S	01 TW	S
1.499	1.503	.375	02 R 132 100 06	A86652S	02 R	L	2.441	2.445	.313	02 TW 228A 100 05	A86684S	02 TW	S
1.499	1.503	.375	04 RS 132 100 06	A54529S	04 RS	S	2.813	2.817	1.156	99 DFS 252B 100 18.5C	A46626P	99 DFS *	PF
1.499	1.503	.391	02 R 132 100 06.25	A54130	02 R	L	1.031" (1-1/32") SHAFT						
1.499	1.503	.500	01 DF 132 100 08	A48023	01 DF	LF	1.561	1.565	.375	02 R 136 102 06	A86685	02 R	L
1.499	1.503	.531	05 DW 132 100 08.5	A51011	05 DW	LL	1.575	1.579	.250	05 BR 137 102 04	A86686S	05 BR	S
1.499	1.503	.531	19 DWS 132 100 08.5	A86653S	19 DWS	SL	1.575	1.579	.250	06 BRS 137 102 04	A80052S	06 BRS	S
1.499	1.503	.531	33 DWS 132 100 08.5	A78029S	33 DWS	SS	1.055" SHAFT						
1.499	1.505	.531	99 ROSW 132 100 08.5	A87105S	99 ROSW*	S	1.499	1.503	.219	99 BRS 132 104X 03.5	A46855S	99 BRS *	S
1.561	1.565	.250	01 BR 136 100 04	A75011S	01 BR	S	1.062" (1-1/16") SHAFT						
1.561	1.565	.250	03 BRS 136 100 04	A86654S	03 BRS	S	1.437	1.441	.188	05 BR 128 104 03	A86687S	05 BR	S
1.561	1.565	.375	02 R 136 100 06	A54423	02 R	L	1.437	1.441	.188	06 BRS 128 104 03	A86688S	06 BRS	S
1.561	1.565	.375	04 RS 136 100 06	A54423S	04 RS	S	1.499	1.503	.313	02 R 132 104 05	A54631	02 R	L
1.624	1.628	.250	02 BR 140 100 04	A86655S	02 BR	S	1.499	1.503	.375	02 R 132 104 06	A86689	02 R	L
1.624	1.628	.250	04 BRS 140 100 04	A54233S	04 BRS	S	1.499	1.503	.391	02 R 132 104 06.25	A54224	02 R	L
1.624	1.628	.250	01 W 140 100 04	A53059	01 W	L	1.499	1.503	.531	29 DWS 132 104 08.5	A86690	29 DWS	SS
1.624	1.628	.281	01 F 140 100 04.5	A87297	01 F	F	1.561	1.565	.375	02 R 136 104 06	A54200	02 R	L
1.624	1.628	.297	01 F 140 100 04.75	A86656	01 F	F	1.564	1.568	.250	99 BRS 136C 104 04	A87209S	99 BRS *	S
1.624	1.628	.313	04 BRSW 140 100 05	A86657S	04 BRSW	S	1.575	1.579	.250	05 BR 137 104 04	A86691S	05 BR	S
1.624	1.628	.313	02 BRW 140 100 05	A86658S	02 BRW	S	1.575	1.579	.250	06 BRS 137 104 04	A86692S	06 BRS	S
1.624	1.628	.313	01 R 140 100 05	A86659	01 R	L	1.686	1.690	.313	06 BRSW 144 104 05	A86693S	06 BRSW	S
1.624	1.628	.313	04 RS 140 100 05	A86660S	04 RS	S	1.686	1.690	.313	05 BRW 144 104 05	A86694S	05 BRW	S
1.624	1.628	.438	01 R 140 100 07	A54233	01 R	L	1.686	1.690	.313	06 RMSW 144 104 05	A64960S	06 RMSW	S
1.686	1.690	.313	06 BRSW 144 100 05	A86661S	06 BRSW	S	1.686	1.690	.313	05 RMW 144 104 05	A86695S	05 RMW	S
1.686	1.690	.313	05 BRW 144 100 05	A86662S	05 BRW	S							

* For definition of code letters, see Page 11.

*Special Construction Contact Factory for Further Information.

SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.
1.062" (1-1/16") SHAFT - CONT.							1.171" (1-11/64") SHAFT						
1.686	1.690	.344	99 GTW 144 104 05.5	A87210	99 GTW	* T	2.031	2.035	.375	01 R 202 111 06	A54630	01 R	L
1.686	1.690	.375	02 R 144 104 06	A54526	02 R	L	2.227	2.231	.500	01 R 215A 111 08	A54634	01 R	L
1.713	1.719	.375	99 ROS 146 104 06	A46462S	99 ROS	* S	1.178" SHAFT						
1.828	1.832	.438	02 R 153 104 07	A54045	02 R	L	2.075	2.079	.406	05 RM 204A 111X 06.5	A86720S	05 RM	S
1.093" (1-3/32") SHAFT							2.075	2.079	.406	06 RMS 204A 111X 06.5C	A46862R	06 RMS	R
1.686	1.690	.250	01 BR 144 106 04	A86697S	01 BR	S	1.183" SHAFT						
1.686	1.690	.250	03 BRS 144 106 04	A86698S	03 BRS	S	1.686	1.690	.438	99 BRSW 144 112X 07	A46856S	99 BRSW	* S
1.828	1.832	.438	01 R 153 106 07	A54046	01 R	L	1.187" (1-3/16") SHAFT						
1.125" (1-1/8") SHAFT							1.686	1.690	.313	04 BRSW 144 112 05	A86721S	04 BRSW	S
1.375	1.379	.125	01 B 124 108 02	A83029S	01 B	S	1.686	1.690	.313	02 BRW 144 112 05	A86722S	02 BRW	S
1.499	1.503	.188	01 BR 132 108 03	A83026S	01 BR	S	1.686	1.690	.313	04 RMSW 144 112 05	A86723S	04 RMSW	S
1.499	1.503	.188	03 BRS 132 108 03	A86274S	03 BRS	S	1.686	1.690	.313	02 RMW 144 112 05	A86724S	02 RMW	S
1.561	1.565	.250	01 B 136 108 04	A83005S	01 B	S	1.686	1.690	.375	02 R 144 112 06	A54338	02 R	L
1.561	1.565	.250	01 BR 136 108 04	A86557S	01 BR	S	1.686	1.690	.375	01 T 144 112 06	A86725S	01 T	S
1.561	1.565	.250	03 BRS 136 108 04	A86664S	03 BRS	S	1.686	1.690	.375	02 T 144 112 06	A86726S	02 T	S
1.561	1.565	.313	06 RMSW 136 108 05	A86700S	06 RMSW	S	1.874	1.878	.250	01 BR 156 112 04	A86727S	01 BR	S
1.561	1.565	.313	05 RMW 136 108 05	A86701S	05 RMW	S	1.874	1.878	.250	03 BRS 156 112 04	A86728S	03 BRS	S
1.561	1.565	.375	02 BRO 136 108 06	A86702S	02 BRO	S	1.874	1.878	.313	06 RMSW 156 112 05	A86729S	06 RMSW	S
1.561	1.565	.375	04 BRSO 136 108 06	A86703S	04 BRSO	S	1.874	1.878	.313	05 RMW 156 112 05	A86730S	05 RMW	S
1.561	1.565	.375	02 R 136 108 06	A54159	02 R	L	1.874	1.878	.344	99 GTW 156 112 05.5	A87243	99 GTW	* T
1.562	1.566	.250	01 BR 136A 108 04	A87339S	01 BR	S	1.881	1.885	.250	01 BR 156A 112 04	A87380S	01 BR	S
1.562	1.566	.250	03 BRS 136A 108 04	A86699S	03 BRS	S	1.881	1.885	.250	03 BRS 156A 112 04	A87381S	03 BRS	S
1.562	1.566	.250	99 GTW 136A 108 04	A87340	99 GTW	* T	1.983	1.987	.438	01 R 163 112 07	A54050	01 R	L
1.622	1.626	.250	01 BR 140A 108 04	A86704S	01 BR	S	1.996	2.000	.250	01 W 200A 112 04	A53108	01 W	L
1.622	1.626	.250	03 BRS 140A 108 04	A86705S	03 BRS	S	1.996	2.000	.313	01 G 200A 112 05	A86731	01 G	L
1.624	1.628	.250	01 BR 140 108 04	A53080S	01 BR	S	2.000	2.004	.250	01 W 200 112 04	A53043	01 W	L
1.624	1.628	.281	04 RS 140 108 04.5	A86706S	04 RS	S	2.000	2.004	.438	01 R 200 112 07	A54171	01 R	L
1.624	1.628	.313	02 R 140 108 05	A54625	02 R	L	2.062	2.066	.438	01 R 204 112 07	A54055	01 R	L
1.624	1.628	.313	04 RS 140 108 05	A54625S	04 RS	S	2.125	2.129	.438	01 R 208 112 07	A54160	01 R	L
1.625	1.629	.250	01 BR 140B 108 04	A86929S	01 BR	S	2.250	2.254	.375	01 F 216 112 06	A46465	01 F	F
1.625	1.629	.250	03 BRS 140B 108 04	A57520S	03 BRS	S	2.250	2.254	.500	01 R 216 112 08	A54345	01 R	L
1.686	1.690	.313	06 RMSW 144 108 05	A86707S	06 RMSW	S	2.374	2.378	.250	02 BR 224 112 04	A86732S	02 BR	S
1.686	1.690	.313	05 RMW 144 108 05	A86708S	05 RMW	S	2.374	2.378	.250	04 BRS 224 112 04	A86733S	04 BRS	S
1.752	1.756	.250	01 BR 148 108 04	A86709S	01 BR	S	2.437	2.441	.469	01 R 228 112 07.5	A54352	01 R	L
1.752	1.756	.250	03 BRS 148 108 04	A86710S	03 BRS	S	1.218" (1-7/32") SHAFT						
1.752	1.758	.250	02 RO 148 108 04	A80023S	02 RO	S	1.968	1.972	.469	02 GWS 162 114 07.5	A76013S	02 GWS	S
1.752	1.758	.250	04 ROS 148 108 04	A86711S	04 ROS	S	1.979	1.983	.406	02 GWS 163A 114 06.5	A76014S	02 GWS	S
1.752	1.756	.313	02 R 148 108 05	A86712	02 R	L	2.062	2.066	.250	01 BR 204 114 04	A54598S	01 BR	S
1.752	1.756	.375	04 RS 148 108 06	A54201S	04 RS	S	2.062	2.066	.250	03 BRS 204 114 04	A87298S	03 BRS	S
1.752	1.756	.438	01 R 148 108 07	A54201	01 R	L	2.062	2.066	.375	01 R 204 114 06	A54598	01 R	L
1.828	1.832	.313	06 BRSW 153 108 05	A65963S	06 BRSW	S	1.234" (1-15/64") SHAFT						
1.828	1.832	.313	05 BRW 153 108 05	A86713S	05 BRW	S	2.250	2.254	.500	99 RMS 216 115 08	A47013S	99 RMS	* S
1.828	1.832	.438	01 R 153 108 07	A54047	01 R	L	1.250" (1-1/4") SHAFT						
1.851	1.855	.313	06 RMSW 155 108 05	A86714S	06 RMSW	S	1.499	1.503	.125	01 B 132 116 02	A80046S	01 B	S
1.851	1.855	.313	05 RMW 155 108 05	A86715S	05 RMW	S	1.499	1.503	.250	99 WS 132 116 04	A87251S	99 WS	* S
1.874	1.878	.438	01 R 156 108 07	A54253	01 R	L	1.624	1.628	.188	01 B 140 116 03	A86734S	01 B	S
1.874	1.878	.438	04 RS 156 108 07	A54253S	04 RS	S	1.624	1.628	.188	01 BR 140 116 03	A86269S	01 BR	S
2.000	2.004	.313	01 TW 200 108 05	A86293S	01 TW	S	1.624	1.628	.188	03 BRS 140 116 03	A86276S	03 BRS	S
2.000	2.004	.313	02 TW 200 108 05	A86717S	02 TW	S	1.686	1.690	.250	05 BR 144 116 04	A83011S	05 BR	S
2.000	2.004	.438	01 R 200 108 07	A54169	01 R	L	1.686	1.690	.250	06 BRS 144 116 04	A46905S	06 BRS	S
2.062	2.066	.438	01 R 204 108 07	A54257	01 R	L	1.686	1.690	.250	06 RMSW 144 116 04	A86736S	06 RMSW	S
2.062	2.066	.438	04 RS 204 108 07	A54257S	04 RS	S	1.686	1.690	.250	05 RMW 144 116 04	A86737S	05 RMW	S
2.437	2.441	.469	01 R 228 108 07.5	A54342	01 R	L	1.686	1.690	.250	01 W 144 116 04	A53075	01 W	L
2.441	2.445	.469	01 R 228A 108 07.5	A86718	01 R	L	1.686	1.690	.375	01 F 144 116 06	A86739	01 F	F
2.502	2.506	.500	01 R 232 108 08	A86719	01 R	L	1.686	1.690	.375	02 R 144 116 06	A54360	02 R	L
1.156" (1-5/32") SHAFT							1.686	1.690	.438	99 RMW 144 116 07	A87252S	99 RMW	* S
1.752	1.756	.375	02 R 148 110 06	A54628	02 R	L							
1.828	1.832	.438	02 R 153 110 07	A54450	02 R	L							
3.309	3.562	.625	99 FLG 320B 110 10C	A46880P	99 BRS	* P							

• For definition of code letters, see Page 11.

*Special Construction Contact Factory for Further Information.

SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL*	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL*
1.250" (1-1/4") SHAFT - CONT.							1.281" (1-9/32") SHAFT						
1.687	1.691	.250	06 RMSW 144A 116 04C	A46675S	06 RMSW	S	2.000	2.004	.313	99 GTW 200 118X 05	A87264	99 GTW	* T
1.687	1.691	.250	05 RMW 144A 116 04	A86738S	05 RMW	S	1.290" SHAFT						
1.752	1.756	.250	01 BR 148 116 04	A53032S	01 BR	S	2.000	2.004	.313	04 RMSW 200 118X 05	A65964S	04 RMSW	S
1.752	1.756	.250	03 BRS 148 116 04	A46858S	03 BRS	S	2.000	2.004	.313	02 RMW 200 118X 05	A87299S	02 RMW	S
1.752	1.756	.250	01 RM 148 116 04	A86740S	01 RM	S	1.312" (1-5/16") SHAFT						
1.752	1.756	.250	03 RMS 148 116 04	A86741S	03 RMS	S	1.624	1.628	.156	01 B 140 120 02.5	A86769S	01 B	S
1.752	1.756	.250	01 TUW 148 116 04	A86742	01 TUW	U	1.828	1.832	.375	05 BR 153 120 06	A86770S	05 BR	S
1.752	1.756	.250	01 W 148 116 04	A53032	01 W	L	1.828	1.832	.375	06 BRS 153 120 06C	A46356P	06 BRS	P
1.752	1.756	.375	02 R 148 116 06	A54621	02 R	L	1.828	1.832	.375	05 RM 153 120 06	A86771S	05 RM	S
1.874	1.878	.250	05 BR 156 116 04	A53116S	05 BR	S	1.828	1.832	.375	06 RMS 153 120 06	A86772S	06 RMS	S
1.874	1.878	.250	06 BRS 156 116 04	A86743S	06 BRS	S	1.874	1.878	.438	02 R 156 120 07	A54484	02 R	L
1.968	1.972	.469	01 GWS 162 116 07.5	A76023S	01 GWS	S	2.000	2.004	.313	04 BRW 200 120 05C	A46894P	04 BRW	P
1.968	1.972	.469	01 GWS 162 116X 07.5C	A46650S	01 GWS	S	2.000	2.004	.313	02 BRW 200 120 05	A86773S	02 BRW	S
1.968	1.972	.469	02 GWS 162 116 07.5	A76011S	02 GWS	S	2.000	2.004	.313	04 RMSW 200 120 05	A86774S	04 RMSW	S
1.979	1.983	.250	05 BR 163A 116 04	A86744S	05 BR	S	2.000	2.004	.313	02 RMW 200 120 05	A86775S	02 RMW	S
1.979	1.983	.250	06 BRS 163A 116 04	A86746S	06 BRS	S	2.000	2.004	.375	01 R 200 120 06	A86776	01 R	L
1.979	1.983	.406	02 GWS 163A 116 06.5	A76015S	02 GWS	S	2.106	2.110	.469	01 R 207 120 07.5	A54190	01 R	L
1.983	1.987	.250	05 BR 163 116 04	A85017S	05 BR	S	2.125	2.129	.375	01 R 208 120 06	A86777	01 R	L
1.983	1.987	.250	06 BRS 163 116 04	A86745S	06 BRS	S	2.125	2.129	.438	01 R 208 120 07	A54264	01 R	L
1.983	1.987	.250	05 RM 163 116 04	A46892S	05 RM	S	2.196	2.200	.578	99 BRW 213A 120 09.25	A46871S	99 BRW	* S
1.983	1.987	.250	06 RMS 163 116 04	A86747S	06 RMS	S	2.250	2.254	.500	01 R 216 120 08	A54178	01 R	L
1.983	1.987	.438	01 R 163 116 07	A54052	01 R	L	2.281	2.285	.719	99 EBRS 218A 120 11.5	A46885S	99 EBRS	* S
1.983	1.987	.500	02 R 163 116 08	A54157	02 R	L	2.282	2.286	.250	05 BR 218 120 04	A86778S	05 BR	S
2.000	2.004	.250	02 BR 200 116 04	A86748S	02 BR	S	2.282	2.286	.250	06 BRS 218 120 04	A86779S	06 BRS	S
2.000	2.004	.250	04 BRS 200 116 04	A54173S	04 BRS	S	2.282	2.286	.250	01 W 218 120 04	A53119	01 W	L
2.000	2.004	.297	01 G3WS 200 116 04.75	A86749S	01 G3WS	S	2.282	2.286	.250	01 WS 218 120 04	A86780S	01 WS	S
2.000	2.004	.313	04 BRW 200 116 05	A86750S	04 BRW	S	2.282	2.286	.313	01 G 218 120 05	A86781	01 G	L
2.000	2.004	.313	02 BRW 200 116 05	A86751S	02 BRW	S	2.312	2.316	.406	01 R 220 120 06.5	A66220	01 R	L
2.000	2.004	.375	01 R 200 116 06	A54544	01 R	L	2.502	2.506	.375	05 RS 232 120 06	A86782S	05 RS	S
2.000	2.004	.438	01 F 200 116 07	A86752	01 F	F	2.690	2.694	.313	99 GW 244A 120 05	A46432	99 GW	* L
2.000	2.004	.438	01 R 200 116 07	A54173	01 R	L	1.322" SHAFT						
2.000	2.004	.500	23 DWS 200 116 08	A52019S	23 DWS	SL	2.227	2.231	.500	01 R 215A 120X 08	A45351	01 R	L
2.000	2.004	.500	29 DWS 200 116 08	A86753S	29 DWS	SS	1.328" (1-21/64") SHAFT						
2.000	2.004	.500	33 DWS 200 116 08	A86754S	33 DWS	SS	2.062	2.066	.375	01 R 204 121 06	A54637	01 R	L
2.000	2.004	.500	38 DWS 200 116 08	A86755S	38 DWS	SS	1.343" (1-11/32") SHAFT						
2.000	2.004	.625	01 DF 200 116 10	A86756	01 DF	LF	1.561	1.565	.313	01 EB 136 122 05	A87273S	01 EB	S
2.000	2.004	.750	01 DO 200 116 12	A86757	01 DO	LL	2.572	2.576	.719	99 EBRS 237B 122 11.5	A64201S	99 EBRS	* S
2.000	2.004	.750	02 DOS 200 116 12	A86758S	02 DOS	LL	1.359" (1-23/64") SHAFT						
2.062	2.066	.250	01 BR 204 116 04	A86759S	01 BR	S	2.081	2.085	.375	02 R 205B 123 06	A54635	02 R	L
2.062	2.066	.250	03 BRS 204 116 04	A86760S	03 BRS	S	1.362" SHAFT						
2.062	2.066	.250	01 W 204 116 04	A53063	01 W	L	2.191	2.195	.250	05 BR 212A 124X 04	A86807S	05 BR	S
2.062	2.066	.313	01 G 204 116 05	A86761	01 G	L	2.191	2.195	.250	06 BRS 212A 124X 04	A47006S	06 BRS	S
2.062	2.066	.438	01 R 204 116 07	A54260	01 R	L	1.365" SHAFT						
2.106	2.110	.469	01 R 207 116 07.5	A54188	01 R	L	2.260	2.264	.406	01 R 217A 124X 06.5	A64220	01 R	L
2.125	2.129	.313	02 R 208 116 05	A45468	02 R	L	1.375" (1-3/8") SHAFT						
2.125	2.129	.438	01 R 208 116 07	A54261	01 R	L	1.624	1.628	.125	01 B 140 124 02	A86783S	01 B	S
2.250	2.254	.250	02 BR 216 116 04	A86762S	02 BR	S	1.624	1.628	.375	01 EBR 140 124 06	A86784S	01 EBR	S
2.250	2.254	.250	04 BRS 216 116 04	A86763S	04 BRS	S	1.624	1.628	.375	01 EBRS 140 124 06	A86785S	01 EBRS	S
2.250	2.254	.250	01 W 216 116 04	A86764	01 W	L	1.750	1.754	.188	01 BR 148A 124 03	A83030S	01 BR	S
2.250	2.254	.313	99 GWS 216 116 05	A46661S	99 GWS	* S	1.750	1.754	.188	03 BRS 148A 124 03	A87314S	03 BRS	S
2.250	2.254	.313	99 T 216 116 05	A64360S	99 T	* S	1.752	1.756	.188	01 BR 148 124 03	A87313S	01 BR	S
2.250	2.254	.500	01 R 216 116 08	A54176	01 R	L	1.752	1.756	.188	03 BRS 148 124 03	A86275S	03 BRS	S
2.250	2.254	.688	01 DF 216 116 11	A48038	01 DF	LF	1.752	1.758	.188	99 RO 148 124 03	A87280S	99 RO	* S
2.254	2.258	.250	01 W 216B 116 04	A53115	01 W	L	1.828	1.832	.250	01 BR 153 124 04	A80038S	01 BR	S
2.282	2.286	.250	01 W 218 116 04	A53118	01 W	L							
2.441	2.445	.313	04 BRW 228A 116 05	A86765S	04 BRW	S							
2.441	2.445	.313	02 BRW 228A 116 05	A86766S	02 BRW	S							
2.561	2.565	.484	02 F 236 116 07.75	A86767	02 F	F							
2.714	2.718	.469	01 R 246A 116 07.5	A54348	01 R	L							

* For definition of code letters, see Page 11.

*Special Construction Contact Factory for Further Information.

SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.
1.375" (1-3/8") SHAFT - CONT.							1.375" (1-3/8") SHAFT - CONT.						
1.828	1.832	.250	02 BR 153 124 04	A87265S	02 BR	S	2.374	2.378	.750	04 DFS 224 124 12	A48002S	04 DFS	SF
1.828	1.832	.250	03 BRS 153 124 04	A86786S	03 BRS	S	2.375	2.379	.375	03 R 224B 124 06	A46658	03 R	L
1.828	1.832	.250	04 BRS 153 124 04	A46503S	04 BRS	S	2.437	2.441	.250	05 BR 228 124 04	A86814S	05 BR	S
1.828	1.832	.375	02 R 153 124 06	A54448	02 R	L	2.437	2.441	.250	06 BRS 228 124 04	A46890S	06 BRS	S
1.828	1.832	.438	02 R 153 124 07	A86787	02 R	L	2.437	2.441	.296	99 GW 228 124 04.75	A46317	99 GW *	L
1.874	1.878	.250	99 RW 156 124 04	A86791S	99 RW *	S	2.437	2.441	.469	01 GW 228 124 07.5	A87287	01 GW	L
1.874	1.878	.250	02 BR 156 124 04	A86788S	02 BR	S	2.437	2.441	.469	01 R 228 124 07.5	A54066	01 R	L
1.874	1.878	.250	04 BRS 156 124 04	A87301S	04 BRS	S	2.437	2.441	.500	01 R 228 124 08	A86817	01 R	L
1.874	1.880	.250	02 RO 156 124 04	A86789S	02 RO	S	2.437	2.441	.500	05 RS 228 124 08	A86818S	05 RS	S
1.874	1.880	.250	04 ROS 156 124 04	A86790S	04 ROS	S	2.437	2.441	.563	05 DW 228 124 09	A52004	05 DW	LL
1.874	1.878	.375	02 R 156 124 06	A86792	02 R	L	2.441	2.445	.250	02 BR 228A 124 04	A86813S	02 BR	S
1.874	1.878	.438	02 R 156 124 07	A54386	02 R	L	2.441	2.445	.250	04 BRS 228A 124 04	A86815S	04 BRS	S
1.875	1.879	.250	02 BR 156B 124 04	A87300S	02 BR	S	2.441	2.445	.469	01 R 228A 124 07.5	A54537	01 R	L
1.875	1.879	.250	04 BRS 156B 124 04	A64520S	04 BRS	S	2.441	2.445	.484	05 RS 228A 124 07.75	A86816S	05 RS	S
1.875	1.879	.438	99 BRS 156B 124 07	A46821S	99 BRS *	S	2.498	2.502	.313	99 GWS 232B 124 05	A46662S	01 GWS	S
2.000	2.004	.313	06 BRSW 200 124 05	A85072S	06 BRSW	S	2.498	2.502	.313	99 T 232B 124 05	A65360S	99 T *	S
2.000	2.004	.313	05 BRW 200 124 05	A86793S	05 BRW	S	2.502	2.506	.250	01 W 232 124 04	A46840	01 W	L
2.000	2.004	.328	02 R 200 124 05.25	A54513	02 R	L	2.502	2.506	.500	01 R 232 124 08	A54419	01 R	L
2.000	2.004	.344	02 R 200 124 05.5	A86794	02 R	L	2.502	2.506	.500	02 R 232 124 08	A86819	02 R	L
2.000	2.004	.344	04 RS 200 124 05.5	A46026S	04 RS	S	2.502	2.506	.500	05 RS 232 124 08	A54419S	05 RS	S
2.000	2.004	.375	02 R 200 124 06	A86795	02 R	L	2.561	2.565	.375	02 R 236 124 06	A47009	02 R	L
2.000	2.004	.438	02 R 200 124 07	A54485	02 R	L	2.623	2.627	.500	04 RS 240 124 08	A54471S	04 RS	S
2.000	2.004	.438	04 RS 200 124 07	A54485S	04 RS	S	2.625	2.629	.313	03 R 240A 124 05	A46202	03 R	L
2.031	2.035	.375	02 R 202 124 06	A54633	02 R	L	2.686	2.690	.500	01 R 244 124 08	A54562	01 R	L
2.062	2.066	.375	01 R 204 124 06	A86796	01 R	L	2.716	2.720	.469	01 R 246B 124 07.5	A54429	01 R	L
2.062	2.066	.438	01 R 204 124 07	A54392	01 R	L	2.751	2.755	.250	99 GW 248E 124 04	A45986	99 GW *	L
2.062	2.066	.438	04 RS 204 124 07	A54392S	04 RS	S	3.350	3.355	.469	01 R 323 124 07.5	A54460	01 R	L
2.072	2.076	.438	04 RS 205A 124 07	A46551S	04 RS	S	4.003	4.008	.313	99 W 400 124 05	A87289	99 W *	L
2.106	2.110	.469	02 R 207 124 07.5	A54162	02 R	L	1.391" (1-25/64") SHAFT						
2.106	2.110	.750	01 DF 207 124 12	A48031	01 DF	LF	2.648	2.652	.281	99 BRS 242B 125 04.5	A87290S	99 BRS *	S
2.106	2.110	.750	01 DT 207 124 12	A74008	01 DT	LL	1.399" SHAFT						
2.125	2.133	.250	05 RO 208 124 04	A83038S	05 RO	S	2.292	2.296	.516	99 BRSW 219A 125X 08.25	A64202S	99 BRSW*	S
2.125	2.133	.250	06 ROS 208 124 04	A45409S	06 ROS	S	1.406" (1-13/32") SHAFT						
2.125	2.129	.313	06 BRSW 208 124 05	A86799S	06 BRSW	S	2.374	2.378	.375	01 R 224 126 06	A86821	01 R	L
2.125	2.129	.313	05 BRW 208 124 05	A86800S	05 BRW	S	1.413" SHAFT						
2.125	2.129	.313	99 RMS 208 124 05	A86801S	99 RMS *	S	2.360	2.364	.313	05 BR 223A 126X 05	A86825S	05 BR	S
2.125	2.129	.375	99 GTW 208 124 06	A87302	99 GTW *	T	2.360	2.364	.313	06 BRS 223A 126X 05C	A45356P	06 BRS	P
2.125	2.129	.375	02 R 208 124 06	A86802	02 R	L	1.421" (1-27/64") SHAFT						
2.125	2.129	.375	01 T 208 124 06	A86803S	01 T	S	2.614	2.618	.500	99 BRSW 239A 127 08	A66340S	99 BRSW*	S
2.125	2.129	.375	02 T 208 124 06	A86804S	02 T	S	1.437" (1-7/16") SHAFT						
2.125	2.129	.438	01 BRO 208 124 07	A86805S	01 BRO	S	1.978	1.986	.500	99 ROSW 163B 128 08	A87291S	99 ROSW*	S
2.125	2.129	.438	03 BRSO 208 124 07	A86806S	03 BRSO	S	1.978	1.986	.500	99 ROW 163B 128 08	A86696S	99 ROW *	S
2.125	2.129	.438	02 R 208 124 07	A54142	02 R	L	2.125	2.129	.438	02 R 208 128 07	A54426	02 R	L
2.125	2.129	.438	05 RS 208 124 07	A54142S	05 RS	S	2.126	2.130	.188	01 WS 208A 128 03	A86822S	01 WS	S
2.125	2.129	.625	03 DW 208 124 10	A51012	03 DW	LL	2.250	2.254	.250	01 BR 216 128 04	A86823S	01 BR	S
2.191	2.195	.250	05 BR 212A 124 04	A87382S	05 BR	S	2.250	2.254	.250	03 BRS 216 128 04	A86824S	03 BRS	S
2.191	2.195	.250	06 BRS 212A 124 04	A87383S	06 BRS	S	2.250	2.254	.500	01 R 216 128 08	A54182	01 R	L
2.250	2.254	.500	01 R 216 124 08	A54180	01 R	L	2.374	2.378	.500	01 R 224 128 08	A54060	01 R	L
2.250	2.254	.500	04 RMSW 216 124 08	A46870S	04 RMSW	S	2.437	2.441	.250	01 W 228 128 04	A46670	01 W	L
2.250	2.254	.500	02 RMW 216 124 08	A86809S	02 RMW	S	2.437	2.441	.313	99 GW 228 128 05	A46303	99 GW *	L
2.250	2.254	.500	99 RS 216 124 08	A46641S	99 RS *	S	2.437	2.441	.469	01 R 228 128 07.5	A54067	01 R	L
2.282	2.286	.250	01 W 218 124 04	A53089	01 W	L	2.502	2.506	.500	01 R 232 128 08	A54151	01 R	L
2.282	2.286	.313	01 G 218 124 05	A86811	01 G	L	2.572	2.576	.719	99 EBR 237B 128 11.5	A66201S	99 EBR*	S
2.282	2.286	.500	01 R 218 124 08	A54391	01 R	L	2.623	2.627	.500	01 R 240 128 08	A54133	01 R	L
2.374	2.378	.250	02 BR 224 124 04	A45445S	02 BR	S	2.686	2.690	.250	01 BR 244 128 04	A86826S	01 BR	S
2.374	2.378	.250	04 BRS 224 124 04	A86812S	04 BRS	S	2.686	2.690	.250	03 BRS 244 128 04	A86827S	03 BRS	S
2.374	2.378	.250	01 W 224 124 04	A53012	01 W	L	2.686	2.690	.500	01 R 244 128 08	A54558	01 R	L
2.374	2.378	.500	01 R 224 124 08	A54058	01 R	L							
2.374	2.378	.500	05 RS 224 124 08	A54058S	05 RS	S							
2.374	2.378	.703	03 DW 224 124 11.25	A51002	03 DW	LL							

• For definition of code letters, see Page 11.

*Special Construction Contact Factory for Further Information.

SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.
1.468" (1-15/32") SHAFT							1.500" (1-1/2") SHAFT - CONT.						
1.847	1.851	.250	01 W 155A 130 04	A53124	01 W	L	2.374	2.378	.391	02 RMW 224 132 06.25	A86849S	02 RMW	S
1.484" (1-31/64") SHAFT							2.374	2.378	.500	01 R 224 132 08	A54062	01 R	L
2.191	2.195	.250	05 BR 212A 131 04	A86828S	05 BR	S	2.374	2.378	.500	02 R 224 132 08	A86850	02 R	L
2.191	2.195	.250	06 BRS 212A 131 04	A86830S	06 BRS	S	2.374	2.378	.500	04 RMSW 224 132 08	A86797S	04 RMSW	S
2.255	2.259	.250	01 W 216C 131 04	A53097	01 W	L	2.374	2.378	.500	02 RMW 224 132 08	A86735S	02 RMW	S
1.491" SHAFT							2.374	2.378	.500	05 RS 224 132 08	A54062S	05 RS	S
2.191	2.195	.250	05 BR 212A 131X 04	A86829S	05 BR	S	2.374	2.378	.563	04 RMSW 224 132 09	A46811S	04 RMSW	S
2.191	2.195	.250	06 BRS 212A 131X 04	A45352S	06 BRS	S	2.374	2.378	.563	02 RMW 224 132 09	A86852S	02 RMW	S
1.498" SHAFT							2.374	2.378	.703	03 DW 224 132 11.25	A86853	03 DW	LL
2.046	2.050	.438	99 BRSW 203 132X 07	A65540S	99 BRSW*	S	2.374	2.378	.750	01 DF 224 132 12	A48006	01 DF	LF
1.500" (1-1/2") SHAFT							2.374	2.378	.750	04 DFS 224 132 12	A48006S	04 DFS	SF
1.874	1.878	.188	01 B 156 132 03	A86832S	01 B	S	2.377	2.381	.500	04 RMSW 224A 132 08	A46886S	04 RMSW	S
1.874	1.878	.188	01 BR 156 132 03	A53154S	01 BR	S	2.377	2.381	.500	02 RMW 224A 132 08	A86851S	02 RMW	S
1.874	1.878	.188	03 BRS 156 132 03	A86277S	03 BRS	S	2.377	2.381	.750	04 BRSW 224A 132X 12	A46815S	04 BRSW	S
1.983	1.987	.250	01 BR 163 132 04	A86833S	01 BR	S	2.377	2.381	.750	02 BRW 224A 132 12	A86854S	02 BRW	S
1.983	1.987	.250	03 BRS 163 132 04	A86834S	03 BRS	S	2.377	2.381	1.032	04 DFS 224A 132X 12	A46517S	04 DFS	SF
1.983	1.987	.250	01 W 163 132 04	A53081	01 W	L	2.377	2.381	1.032	04 GDFS 224A 132X 16.5C	A46535S	04 GDFS	SF
1.983	1.987	.438	02 R 163 132 07	A54379	02 R	L	2.379	2.383	.750	99 DF 224B 132 12	A46205	99 DF *	LF
1.983	1.987	.500	02 R 163 132 08	A54489	02 R	L	2.437	2.441	.250	01 BR 228 132 04	A86855S	01 BR	S
1.983	1.987	.500	04 RS 163 132 08	A54489S	04 RS	S	2.437	2.441	.250	03 BRS 228 132 04	A46900S	03 BRS	S
1.989	1.993	.250	01 W 163C 132 04	A53134	01 W	L	2.437	2.441	.250	01 F 228 132 04	A86858	01 F	F
2.000	2.004	.203	01 W 200 132 03.25	A53068	01 W	L	2.437	2.441	.250	01 W 228 132 04	A53015	01 W	L
2.000	2.004	.219	01 W 200 132 03.5	A86835	01 W	L	2.437	2.441	.250	01 WS 228 132 04	A86860S	01 WS	S
2.000	2.004	.250	01 BR 200 132 04	A80027S	01 BR	S	2.437	2.441	.250	01 R 228 132 07.5	A54068	01 R	L
2.000	2.004	.250	03 BRS 200 132 04	A84008S	03 BRS	S	2.441	2.445	.250	01 BR 228A 132 04	A86856S	01 BR	S
2.000	2.004	.250	01 TUW 200 132 04	A86836	01 TUW	U	2.441	2.445	.250	03 BRS 228A 132 04	A86857S	03 BRS	S
2.000	2.004	.250	01 W 200 132 04	A87292	01 W	L	2.441	2.445	.250	01 F 228A 132 04	A86859	01 F	F
2.044	2.161	.375	99 FLG 203A 132 06	A66161S	99 ROSW*	S	2.441	2.445	.469	01 R 228A 132 07.5	A54444	01 R	L
2.062	2.066	.188	05 BR 204 132 03	A86837S	05 BR	S	2.441	2.445	.469	04 RS 228A 132 07.5	A54444S	04 RS	S
2.062	2.066	.188	06 BRS 204 132 03	A46874S	06 BRS	S	2.441	2.445	.563	03 DFS 228A 132 09	A48081S	03 DFS	SF
2.062	2.066	.250	01 F 204 132 04	A46468	01 F	F	2.441	2.445	.969	99 DFS 228A 132 15.5	A46837S	99 DFS *	SF
2.062	2.066	.250	01 W 204 132 04	A86838	01 W	L	2.501	2.505	.343	99 GW 232D 132 05.5	A46513	99 GW *	L
2.062	2.066	.438	02 R 204 132 07	A54424	02 R	L	2.502	2.506	.250	99 GW 232 132 04	A46415	99 GW *	L
2.062	2.066	.438	04 RS 204 132 07	A54424S	04 RS	S	2.502	2.506	.313	02 R 232 132 05	A45467	02 R	L
2.125	2.129	.219	99 GS 208 132 03.5	A87342S	99 GS *	S	2.502	2.506	.438	01 R 232 132 07	A54624	01 R	L
2.125	2.129	.438	02 R 208 132 07	A54385	02 R	L	2.502	2.506	.500	01 R 232 132 08	A54072	01 R	L
2.125	2.129	.438	04 RS 208 132 07	A54385S	04 RS	S	2.502	2.506	.500	05 RS 232 132 08	A54072S	05 RS	S
2.159	2.523	2.078	99 FLG 210A 132 33.25	A46061	99 DF *	L	2.502	2.506	.563	99 BRSW 232 132 09	A46895S	99 BRSW*	S
2.250	2.254	.250	01 BR 216 132 04	A83003S	01 BR	S	2.502	2.506	.656	05 DW 232 132 10.5	A52006	05 DW	LL
2.250	2.254	.250	03 BRS 216 132 04	A86839S	03 BRS	S	2.502	2.506	.688	03 DW 232 132 11	A51004	03 DW	LL
2.250	2.254	.375	01 R 216 132 06	A54504	01 R	L	2.502	2.506	.750	01 DF 232 132 12	A48011	01 DF	LF
2.250	2.254	.375	02 RM 216 132 06	A86841S	02 RM	S	2.502	2.506	.750	03 DFS 232 132 12	A48011S	03 DFS	SF
2.250	2.254	.375	04 RMS 216 132 06C	A81105R	04 RMS	R	2.502	2.506	.750	01 DT 232 132 12	A74004	01 DT	LL
2.250	2.254	.438	02 BRO 216 132 07	A86842S	02 BRO	S	2.561	2.565	.500	01 R 236 132 08	A54202	01 R	L
2.250	2.254	.438	04 BRSO 216 132 07	A86843S	04 BRSO	S	2.623	2.627	.250	02 BR 240 132 04	A86861S	02 BR	S
2.250	2.254	.500	01 R 216 132 08	A54143	01 R	L	2.623	2.627	.375	01 F 240 132 06	A86865	01 F	F
2.250	2.254	.750	01 DF 216 132 12	A48028	01 DF	LF	2.625	2.629	.250	02 BR 240A 132 04	A86862S	02 BR	S
2.250	2.254	.750	04 DFS 216 132 12	A48028S	04 DFS	SF	2.625	2.629	.250	04 BRS 240A 132 04	A86864S	04 BRS	S
2.260	2.264	.375	02 RM 216D 132 06	A86402S	02 RM	S	2.686	2.690	.500	01 R 244 132 08	A86866	01 R	L
2.260	2.264	.375	04 RMS 216D 132 06	A86208S	04 RMS	S	2.686	2.690	.500	01 R 244 132X 08	A54455	01 R	L
2.328	2.332	.406	01 BTM 221 132 06.5	A76024S	01 BTM	S	2.750	2.754	.500	01 R 248 132 08	A54432	01 R	L
2.328	2.332	.406	01 BTMS 221 132 06.5	A86845S	01 BTMS	S	2.758	2.762	.500	01 R 248A 132 08	A54083	01 R	L
2.328	2.332	.406	02 GWS 221 132 06.5	A76012S	02 GWS	S	3.189	3.194	.438	01 R 312 132 07	A54500	01 R	L
2.374	2.378	.250	02 BR 224 132 04	A86846S	02 BR	S	1.515" (1-33/64") SHAFT						
2.374	2.378	.250	04 BRS 224 132 04	A86847S	04 BRS	S	2.502	2.506	.500	05 RS 232 133 08	A45353S	05 RS	S
2.374	2.378	.250	01 W 224 132 04	A53013	01 W	L	1.521" SHAFT						
2.374	2.378	.391	04 RMSW 224 132 06.25	A86848S	04 RMSW	S	2.656	2.660	.594	99 BRSW 242 133X 09.5C	A64402P	99 BRSW*	P

• For definition of code letters, see Page 11.

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SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL*	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL*
1.531" (1-17/32") SHAFT							1.606" SHAFT						
2.502	2.506	.500	01 R 232 134 08	A54271	01 R	L	2.374	2.378	.250	01 RM 224 139X 04	A87304S	01 RM	S
2.623	2.627	.250	01 W 240 134 04	A53077	01 W	L	2.374	2.378	.250	03 RMS 224 139X 04	A86344S	03 RMS	S
2.656	2.660	.500	01 R 242 134X 08	A47004	01 R	L	1.625" (1-5/8") SHAFT						
2.713	2.717	.500	01 T 246 134 08	A65202S	01 T	S	2.000	2.004	.188	05 BR 200 140 03	A86272S	05 BR	S
2.713	2.717	.500	02 T 246 134 08	A86867S	02 T	S	2.000	2.004	.188	06 BRS 200 140 03	A86281S	06 BRS	S
2.894	2.898	.469	99 G 257A 134 07.5	A46048	99 G *	L	2.125	2.129	.250	05 BR 208 140 04	A86886S	05 BR	S
1.550" SHAFT							2.125	2.129	.250	06 BRS 208 140 04	A63901S	06 BRS	S
2.686	2.690	.500	99 BRSW 244 135X 08	A65340S	99 BRSW*	S	2.125	2.129	.250	01 RM 208 140 04	A86887S	01 RM	S
1.552" SHAFT							2.125	2.129	.250	03 RMS 208 140 04	A86888S	03 RMS	S
3.160	3.165	.250	99 RMSW 310H 135 04C	A45961P	99 RMSW*P		2.125	2.129	.250	01 TUW 208 140 04	A86889	01 TUW	U
1.562" (1-9/16") SHAFT							2.250	2.254	.250	01 W 216 140 04	A86890	01 W	L
2.062	2.066	.250	01 W 204 136 04	A46869	01 W	L	2.328	2.332	.438	02 BT 221 140 07	A86891S	02 BT	S
2.062	2.066	.438	05 RS 204 136 07	A86868S	05 RS	S	2.328	2.332	.438	02 BTS 221 140 07	A86897S	02 BTS	S
2.250	2.254	.250	01 BR 216 136 04	A86869S	01 BR	S	2.374	2.378	.250	01 BR 224 140 04	A86892S	01 BR	S
2.250	2.254	.250	03 BRS 216 136 04	A86870S	03 BRS	S	2.374	2.378	.250	03 BRS 224 140 04	A54362S	03 BRS	S
2.250	2.254	.438	02 BRO 216 136 07	A86871S	02 BRO	S	2.374	2.378	.250	01 RM 224 140 04	A86893S	01 RM	S
2.250	2.254	.438	04 BRSO 216 136 07	A86872S	04 BRSO	S	2.374	2.378	.250	03 RMS 224 140 04	A81102S	03 RMS	S
2.374	2.378	.250	01 W 224 136 04	A53095	01 W	L	2.374	2.378	.250	01 W 224 140 04	A86894	01 W	L
2.374	2.378	.406	05 BR 224 136 06.5	A86874S	05 BR	S	2.374	2.378	.500	02 R 224 140 08	A54362	02 R	L
2.374	2.378	.406	06 BRS 224 136 06.5	A64503S	06 BRS	S	2.437	2.441	.250	01 F 228 140 04	A86895	01 F	F
2.374	2.378	.500	01 R 224 136 08	A86875	01 R	L	2.437	2.441	.375	01 WW 228 140 06	A86896	01 WW	LL
2.375	2.379	.406	05 BR 224B 136 06.5	A87315S	05 BR	S	2.437	2.441	.438	99 BRS 228 140 07	A46638S	99 BRS *	S
2.375	2.379	.406	06 BRS 224B 136 06.5	A45449S	06 BRS	S	2.437	2.441	.469	01 R 228 140 07.5	A54071S	01 R	L
2.437	2.441	.250	01 W 228 136 04	A53016	01 W	L	2.437	3.133	.750	04 RS 228 140 07.5	A54071S	04 RS	S
2.437	2.441	.250	01 WS 228 136 04	A86877S	01 WS	S	2.437	2.441	.906	99 FLG 228 140 12	A46204	99 DF *	LF
2.437	2.441	.469	99 BRS 228 136 07.5	A46901S	99 BRS *	S	2.437	2.441	.906	01 DT 228 140 14.5	A74003	01 DT	LL
2.437	2.441	.469	01 R 228 136 07.5	A54069	01 R	L	2.441	2.445	.438	01 GF 228A 140 07	A46427	01 GF	F
2.441	2.445	.250	01 T 228A 136 04	A86876S	01 T	S	2.441	2.445	.625	19 DWS 228A 140 10	A78036S	19 DWS	SL
2.441	2.445	.250	02 T 228A 136 04	A87303S	02 T	S	2.441	2.445	.781	01 DF 228A 140 12.5	A48078	01 DF	LF
2.441	2.445	.469	01 GF 228A 136 07.5	A86878	01 GF	F	2.442	2.446	.875	01 DFW 228B 140 14	A46450	01 DFW	LF
2.441	2.445	.500	99 BRS 228A 136 08X	A46637S	99 BRS *	S	2.468		.297	99 BE 230 140 04.75	A46326S	99 BE *	S
2.441	2.445	.500	04 RMSW 228A 136 08	A85037S	04 RMSW	S	2.502	2.506	.281	99 F 232 140 04.5	A46453	99 F *	F
2.441	2.445	.500	02 RMW 228A 136 08	A86879S	02 RMW	S	2.502	2.506	.375	01 TW 232 140 06C	A86358P	01 TW	P
2.441	2.445	.781	04 DFS 228A 136X 12.5	A48074S	04 DFS	SF	2.502	2.506	.375	02 TW 232 140 06	A86898S	02 TW	S
2.502	2.506	.250	01 W 232 136 04	A53048	01 W	L	2.502	2.506	.500	01 R 232 140 08	A54206S	01 R	L
2.502	2.506	.500	01 R 232 136 08	A54196	01 R	L	2.502	2.506	.500	05 RS 232 140 08	A54206S	05 RS	S
2.502	2.506	.500	05 RS 232 136 08	A46609S	05 RS	S	2.502	2.506	.750	01 DF 232 140 12	A86899	01 DF	LF
2.561	2.565	.500	01 R 236 136 08	A54150	01 R	L	2.504	2.508	.375	01 TW 232E 140 06	A86294R	01 TW	R
2.565	2.569	.375	01 F 236A 136 06	A45972	01 F	F	2.504	2.508	.375	02 TW 232E 140 06	A87305S	02 TW	S
2.686	2.690	.250	02 BR 244 136 04	A86880S	02 BR	S	2.531	2.535	.750	99 RMSW 234 140 12	A63201S	99 RMSW*	S
2.686	2.690	.250	04 BRS 244 136 04	A86881S	04 BRS	S	2.561	2.565	.375	01 F 236 140 06	A86900	01 F	F
2.686	2.690	.375	99 GW 244 136 06	A45976	99 GW *	L	2.575	2.579	.516	99 RMSW 237C 140X 08.25	A65201S	99 RMSW*	S
2.686	2.690	.563	01 FA 244 136 09	A46341S	01 FA	S	2.623	2.627	.250	01 BR 240 140 04	A86901S	01 BR	S
2.875	2.879	.469	99 TW 256 136 07.5C	A46873P	99 TW *	P	2.623	2.627	.250	03 BRS 240 140 04	A86902S	03 BRS	S
2.996	3.001	.250	01 W 300A 136 04	A86883	01 W	L	2.623	2.627	.500	01 W 240 140 04	A53107	01 W	L
3.160	3.165	.250	99 R 310H 136 04	A45961	99 R *	L	2.623	2.627	.500	01 R 240 140 08	A54074	01 R	L
1.578" (1-37/64") SHAFT							2.623	2.627	.625	05 DW 240 140 10	A52007	05 DW	LL
2.408	2.412	.500	01 R 226 137X 08	A45918	01 R	L	2.750	2.754	.219	99 T 248 140 03.5	A66401S	99 T *	S
2.408	2.412	.516	05 DW 226 137 08.25	A52040	05 DW	LL	2.750	2.754	.250	01 W 248 140 04	A53064	01 W	L
2.441	2.445	.469	01 R 228A 137 07.5	A45459	01 R	L	2.750	2.754	.375	99 WW 248 140 06	A86903	99 WW *	L
1.593" (1-19/32") SHAFT							2.750	2.754	.500	01 R 248 140 08	A54298	01 R	L
2.437	2.441	.469	01 R 228 138 07.5	A54070	01 R	L	2.875	2.879	.469	01 R 256 140 07.5	A54084	01 R	L
2.496	2.500	.250	02 BR 232C 138 04	A86884S	02 BR	S	3.000	3.005	.313	99 R 300 140 05	A46357	99 R *	L
2.496	2.500	.250	04 BRS 232C 138 04	A86885S	04 BRS	S	3.000	3.005	.500	01 G 300 140 08	A86904	01 G	L
2.502	2.506	.500	01 R 232 138 08	A54272	01 R	L	1.656" (1-21/32") SHAFT						
2.758	2.762	.500	01 R 248A 138 08	A54287	01 R	L	2.437	2.441	.594	99 B 228 142 09.5	A46484S	99 B *	S

* For definition of code letters, see Page 11.

*Special Construction Contact Factory for Further Information.

SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL*	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL*
1.656" (1-21/32") SHAFT - CONT.							1.734" (1-47/64") SHAFT - CONT.						
3.000	3.005	.250	05 BR 300 142 04	A86906S	05 BR	S	2.450	2.454	.875	99 BRS 229B 147X 14	A46667S	99 BRS *	S
3.000	3.005	.250	06 BRS 300 142 04	A86907S	06 BRS	S	2.726	2.730	.516	99 GW 247A 147 08.25	A46004	99 GW *	L
3.371	3.376	.500	01 GW 324 142X 08	A86908	01 GW	L	2.758	2.762	.500	01 R 248A 147 08	A86926	01 R	L
1.687" (1-11/16") SHAFT							1.739" SHAFT						
2.078	2.082	.172	99 B 206A 144 02.75	A87306S	99 B *	S	2.812	2.816	.594	99 BRSW 252 148X 09.5C	A45365P	99 BRSW*	P
2.328	2.332	.313	99 BW 221 144 05	A46806S	99 BW *	S	1.750" (1-3/4") SHAFT						
2.328	2.332	.438	01 GF 221 144 07	A46671	01 GF	F	2.125	2.129	.188	01 BR 208 148 03	A80043S	01 BR	S
2.374	2.378	.250	02 BR 224 144 04	A86909S	02 BR	S	2.125	2.129	.188	03 BRS 208 148 03	A86278S	03 BRS	S
2.374	2.378	.250	04 BRS 224 144 04	A86910S	04 BRS	S	2.250	2.254	.250	01 BR 216 148 04	A83015S	01 BR	S
2.374	2.378	.500	02 R 224 144 08	A86911	02 R	L	2.250	2.254	.250	03 BRS 216 148 04	A86927S	03 BRS	S
2.437	2.441	.313	04 BRSW 228 144 05	A53156S	04 BRSW	S	2.250	2.254	.250	01 RM 216 148 04	A86452S	01 RM	S
2.437	2.441	.313	02 BRW 228 144 05	A86912S	02 BRW	S	2.250	2.254	.250	03 RMS 216 148 04	A87025S	03 RMS	S
2.437	2.441	.469	02 R 228 144 07.5	A54447	02 R	L	2.250	2.256	.250	02 RO 216 148 04	A86928S	02 RO	S
2.437	2.441	.469	05 RM 228 144 07.5	A86913S	05 RM	S	2.250	2.256	.250	04 ROS 216 148 04	A46533S	04 ROS	S
2.437	2.441	.469	06 RMS 228 144 07.5	A45364S	06 RMS	S	2.250	2.254	.250	01 TUW 216 148 04	A86930	01 TUW	U
2.500	2.504	.281	01 W 232A 144 04.5	A53037	01 W	L	2.250	2.254	.250	01 W 216 148 04	A53087	01 W	L
2.502	2.506	.375	01 TW 232 144 06	A65965S	01 TW	S	2.250	2.254	.375	02 R 216 148 06	A86931	02 R	L
2.502	2.506	.375	02 TW 232 144 06	A86914S	02 TW	S	2.250	2.254	.500	02 R 216 148 08	A54389	02 R	L
2.502	2.506	.438	01 F 232 144 07	A81041	01 F	F	2.359	2.365	.484	99 RO 223 148 07.75	A87308S	99 RO *	S
2.502	2.506	.500	01 R 232 144 08	A54163	01 R	L	2.359	2.365	.500	06 ROSW 223 148 08	A86932S	06 ROSW	S
2.502	2.506	.563	99 BRSW 232 144 09	A46816S	99 BRSW*	S	2.359	2.365	.500	05 ROW 223 148 08	A86933S	05 ROW	S
2.502	2.506	.563	04 RMSW 232 144 09	A46810S	04 RMSW	S	2.374	2.378	.250	01 W 224 148 04	A86934	01 W	L
2.502	2.506	.563	02 RMW 232 144 09	A86915S	02 RMW	S	2.374	2.378	.438	99 BRS 224 148 07	A46868S	99 BRS *	S
2.502	2.506	.625	04 DFS 232 144X 10	A46636S	04 DFS	SF	2.412	2.416	.375	04 RS 227 148 06	A85026S	04 RS	S
2.502	2.506	.750	04 DFS 232 144 12	A46521S	04 DFS	SF	2.437	2.441	.250	01 W 228 148 04	A53073	01 W	L
2.608	2.612	.250	01 W 239 144 04	A86916	01 W	L	2.437	2.441	.281	01 BR 228 148 04.5	A86939S	01 BR	S
2.608	2.612	.250	01 WS 239 144 04C	A63301S	01 WS	S	2.437	2.441	.281	03 BRS 228 148 04.5	A46328S	03 BRS	S
2.623	2.627	.375	01 F 240 144 06	A86919	01 F	F	2.437	2.441	.281	01 RM 228 148 04.5	A86940S	01 RM	S
2.623	2.627	.375	01 GW 240 144 06	A86920	01 GW	L	2.437	2.441	.281	03 RMS 228 148 04.5	A86941S	03 RMS	S
2.623	2.627	.375	99 GW 240 144 06	A46353	99 GW *	L	2.437	2.441	.375	01 R 228 148 06	A86942	01 R	L
2.623	2.627	.500	99 RS 240 144 08	A46640S	99 RS *	S	2.437	2.441	.469	01 R 228 148 07.5	A54355	01 R	L
2.623	2.627	.500	01 R 240 144 08	A54278	01 R	L	2.441	2.445	.250	01 BR 228A 148 04	A86935S	01 BR	S
2.623	2.627	.500	99 R 240 144 08	A46843	99 R *	L	2.441	2.445	.250	03 BRS 228A 148 04	A86936S	03 BRS	S
2.623	2.627	.703	03 DW 240 144 11.25	A86921	03 DW	LL	2.441	2.445	.250	01 F 228A 148 04	A86937	01 F	F
2.623	2.627	.750	03 DFS 240 144 12	A86922S	03 DFS	SF	2.441	2.445	.250	01 W 228A 148 04	A86938	01 W	L
2.623	2.627	.781	01 DF 240 144 12.5	A48051	01 DF	LF	2.441	2.445	.375	01 R 228A 148 06	A45410	01 R	L
2.625	2.629	.250	05 BR 240A 144 04	A86917S	05 BR	S	2.441	2.445	.438	01 GF 228A 148 07	A46444	01 GF	F
2.625	2.629	.250	06 BRS 240A 144 04	A86918S	06 BRS	S	2.441	2.445	.469	01 R 228A 148 07.5	A86943	01 R	L
2.686	2.690	.500	01 R 244 144 08	A54080	01 R	L	2.441	2.445	.500	01 GW 228A 148 08	A46362	01 GW	L
2.750	2.754	.438	01 GF 248 144 07	A45901	01 GF	F	2.502	2.506	.188	99 G 232 148 03	A87309	99 G *	L
2.750	2.754	.500	01 R 248 144 08	A54197	01 R	L	2.502	2.506	.250	02 BR 232 148 04	A53098S	02 BR	S
2.835	2.839	.469	05 RS 254A 144 07.5	A54523S	05 RS	S	2.502	2.506	.250	04 BRS 232 148 04	A53155S	04 BRS	S
2.875	2.879	.469	01 R 256 144 07.5	A54086	01 R	L	2.502	2.506	.250	02 RM 232 148 04	A86944S	02 RM	S
3.000	3.005	.250	05 BR 300 144 04	A86923S	05 BR	S	2.502	2.506	.250	04 RMS 232 148 04	A86945S	04 RMS	S
3.000	3.005	.250	06 BRS 300 144 04	A86924S	06 BRS	S	2.502	2.506	.250	01 TUW 232 148 04	A86946	01 TUW	U
3.126	3.131	.500	01 TW 308B 144 08	A65520S	01 TW	S	2.502	2.506	.250	01 W 232 148 04	A53098	01 W	L
3.126	3.131	.500	02 TW 308B 144 08	A86925S	02 TW	S	2.502	2.506	.250	99 W 232 148 04	A46896	99 W *	L
3.190	3.195	.188	99 WS 312A 144 03	A87307S	99 WS *	S	2.502	2.506	.375	01 R 232 148 06	A54462	01 R	L
1.718" (1-23/32") SHAFT							1.730" SHAFT						
2.686	2.690	.500	01 R 244 146 08	A54081	01 R	L	2.336	2.340	.469	99 W 222A 147X 07.5	A47005	99 W *	L
2.826	2.830	.844	99 F 259 146 13.5	A46250	99 F *	F	1.734" (1-47/64") SHAFT						
2.826	2.830	.844	99 F 259 146 13.5X	A46423	99 F *	F	2.336	2.340	.250	01 W 222A 147 04	A46613	01 W	L
1.730" SHAFT							2.400	2.404	.188	01 B 226A 147 03	A64101S	01 B	S
1.734" (1-47/64") SHAFT							2.449	2.453	.250	01 W 229A 147 04	A46428	01 W	L
2.336	2.340	.469	99 W 222A 147X 07.5	A47005	99 W *	L	2.336	2.340	.250	01 W 222A 147 04	A46613	01 W	L
1.734" (1-47/64") SHAFT							2.400	2.404	.188	01 B 226A 147 03	A64101S	01 B	S
2.336	2.340	.250	01 W 222A 147 04	A46613	01 W	L	2.449	2.453	.250	01 W 229A 147 04	A46428	01 W	L
2.400	2.404	.188	01 B 226A 147 03	A64101S	01 B	S	*Special Construction Contact Factory for Further Information.						
2.449	2.453	.250	01 W 229A 147 04	A46428	01 W	L							

* For definition of code letters, see Page 11.

*Special Construction Contact Factory for Further Information.

SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.
1.750" (1-3/4") SHAFT - CONT.							1.812" (1-13/16") SHAFT						
2.561	2.565	.500	01 R 236 148 08	A54365	01 R	L	2.502	2.506	.250	02 BR 232 152 04	A45450S	02 BR	S
2.623	2.627	.313	99 F 240 148 05	A46877	99 F *	F	2.502	2.506	.250	04 BRS 232 152 04	A86970S	04 BRS	S
2.623	2.627	.375	01 R 240 148 06	A54608	01 R	L	2.561	2.565	.438	01 B 236 152 07C	A85015S	01 B	S
2.623	2.627	.500	01 R 240 148 08	A54075	01 R	L	2.623	2.627	.250	01 W 240 152 04	A46665	01 W	L
2.623	2.627	.703	06 DW 240 148 11.25	A86949	06 DW	LL	2.623	2.627	.375	01 R 240 152 06	A47010	01 R	L
2.625	2.629	.750	01 DF 240A 148 12	A48012	01 DF	LF	2.623	2.627	.703	03 DW 240 152 11.25	A86972	03 DW	LL
2.686	2.690	.500	01 R 244 148 08	A54082	01 R	L	2.623	2.627	.750	01 DF 240 152 12	A48052	01 DF	LF
2.713	2.717	.250	01 BR 246 148 04	A86950S	01 BR	S	2.686	2.690	.500	01 R 244 152 08	A54283	01 R	L
2.713	2.717	.250	03 BRS 246 148 04	A86951S	03 BRS	S	2.750	2.754	.500	01 R 248 152 08	A54127	01 R	L
2.716	2.720	.250	01 W 246B 148 04	A86952	01 W	L	2.842	2.846	.375	99 GW 254 152 06	A46418	99 GW *	L
2.717	2.721	.375	01 GF 246C 148 06	A46052	01 GF	F	2.874	2.878	.375	01 GW 256D 152 06	A45974	01 GW	L
2.717	2.721	.406	01 GF 246C 148 06.5	A86953	01 GF	F	2.875	2.879	.500	01 R 256 152 08	A54125	01 R	L
2.718	2.722	.375	01 BT 246A 148 06	A76017S	01 BT	S	2.890	2.894	.500	01 R 257 152 08	A54524	01 R	L
2.718	2.722	.375	01 BTS 246A 148 06	A86986S	01 BTS	S	2.965	2.969	.250	01 F 262A 152 04	A45612	01 F	F
2.718	2.722	.375	02 BT 246A 148 06	A46052S	02 BT	S	3.000	3.005	.375	01 R 300 152 06	A46818	01 R	L
2.718	2.722	.375	02 BTS 246A 148 06	A87034S	02 BTS	S	4.123	4.128	.281	99 R 408A 152 04.5	A46657	99 R *	L
2.725	2.729	.438	99 GW 247B 148 07	A46078	99 GW *	L	1.828" (1-53/64") SHAFT						
2.750	2.754	.250	01 BR 248 148 04	A86954S	01 BR	S	2.570	2.574	.250	01 W 237A 153 04	A46666	01 W	L
2.750	2.754	.250	03 BRS 248 148 04	A86955S	03 BRS	S	2.570	2.574	.250	99 W 237A 153 04	A63140	99 W *	L
2.750	2.754	.484	99 GW 248 148 07.75	A45998	99 GW *	L	2.750	2.754	.484	01 GW 248 153 07.75	A46615	01 GW	L
2.750	2.754	.500	01 R 248 148 08	A54193	01 R	L	1.843" (1-27/32") SHAFT						
2.750	2.754	.625	25 DWS 248 148 10	A52022S	25 DWS	SL	2.400	2.404	.234	01 F 226A 154 03.75	A81054	01 F	F
2.750	2.754	.703	03 DW 248 148 11.25	A86956	03 DW	LL	2.623	2.627	.500	04 RS 240 154 08	A86973S	04 RS	S
2.750	2.754	.750	01 DF 248 148 12	A48042	01 DF	LF	2.722	2.726	.250	01 F 246E 154 04	A81052	01 F	F
2.758	2.762	.250	01 W 248A 148 04	A53039	01 W	L	2.750	2.754	.500	05 RS 248 154 08C	A85042P	05 RS	P
2.758	2.762	.500	01 R 248A 148 08	A54164	01 R	L	1.869" SHAFT						
2.783		.500	01 E 250 148 08	A73015	01 E	L	2.518	2.522	.375	04 RMS 233 156X 06	A45363S	04 RMS	S
2.811	2.815	.563	99 RMS 252A 148 09	A86957S	99 RMS *	S	1.875" (1-7/8") SHAFT						
2.812	2.816	.563	99 RMS 252 148 09C	A46617P	99 RMS *	P	2.250	2.254	.188	01 BR 216 156 03	A86974S	01 BR	S
2.835	2.839	.469	01 R 254A 148 07.5	A86958	01 R	L	2.250	2.254	.188	03 BRS 216 156 03	A86975S	03 BRS	S
2.875	2.879	.250	01 BR 256 148 04	A86959S	01 BR	S	2.250	2.254	.188	99 EB 216 156 03	A87311S	99 EB *	S
2.875	2.879	.250	03 BRS 256 148 04	A86960S	03 BRS	S	2.398	2.402	.250	02 RM 226B 156 04	A86410S	02 RM	S
2.875	2.879	.375	01 F 256 148 06	A45601	01 F	F	2.398	2.402	.250	04 RMS 226B 156 04	A86369S	04 RMS	S
2.875	2.879	.469	01 R 256 148 07.5	A54302	01 R	L	2.400	2.404	.234	99 F 226A 156 03.75	A46903	99 F *	F
2.875	2.879	.500	01 F 256 148 08	A45927	01 F	F	2.400	2.404	.250	02 RM 226A 156 04	A86976S	02 RM	S
2.875	2.879	.500	01 R 256 148 08	A86961	01 R	L	2.400	2.404	.250	04 RMS 226A 156 04	A86977S	04 RMS	S
2.875	2.879	.500	04 RS 256 148 08	A54302S	04 RS	S	2.500	2.504	.438	01 TK 232A 156 07C	A62701P	01 TK	P
2.876	2.880	.500	99 G3WS 256E 148 08	A46659S	99 G3WS*	S	2.500	2.504	.438	02 TK 232A 156 07	A86979S	02 TK	S
2.906	2.910	.500	04 RS 258 148 08	A86962S	04 RS	S	2.502	2.506	.250	01 W 232 156 04	A86978	01 W	L
2.984	2.988	.563	06 DFS 263 148 09	A86963S	06 DFS	SF	2.518	2.522	.375	02 RM 233 156 06	A86980S	02 RM	S
3.090	3.095	1.406	99 T 306 148 22.5	A46889S	99 T *	S	2.561	2.565	.469	99 BRS 236 156 07.5	A46893S	99 BRS *	S
3.189	3.194	.469	04 RS 312 148 07.5	A54096S	04 RS	S	2.565	2.571	.313	02 RO 236A 156 05	A86981S	02 RO	S
3.371	3.376	.625	03 DW 324 148 10	A86964	03 DW	LL	2.565	2.571	.313	04 ROS 236A 156 05	A84026S	04 ROS	S
3.371	3.376	.625	06 DW 324 148 10	A86965	06 DW	LL	2.623	2.627	.375	01 GW 240 156 06	A86983	01 GW	L
1.765" (1-49/64") SHAFT							2.623	2.627	.500	01 R 240 156 08	A54077	01 R	L
2.412	2.416	.469	01 R 227 149 07.5	A54376	01 R	L	2.623	2.627	.563	04 DFS 240 156 09	A48082S	04 DFS	SF
1.781" (1-25/32") SHAFT							2.623	2.627	.750	01 DF 240 156 12	A48018	01 DF	LF
2.251	2.256	.375	99 BRS 216A 150 06	A87310S	99 BRS *	S	2.623	2.627	.781	04 DFS 240 156 12.5	A48013S	04 DFS	SF
2.251	2.256	.375	04 BRSW 216A 150 06C	A46853S	04 BRSW	S	2.624	2.628	.375	05 RM 240C 156 06	A86984S	05 RM	S
2.251	2.256	.375	02 BRW 216A 150 06	A86966S	02 BRW	S	2.624	2.628	.375	06 RMS 240C 156 06C	A81104R	06 RMS	R
2.502	2.506	.250	02 BR 232 150 04	A86967S	02 BR	S	2.625	2.629	.313	99 F 240A 156 05	A86982	99 F *	F
2.502	2.506	.250	04 BRS 232 150 04	A86968S	04 BRS	S	2.628	2.632	.219	99 F 240B 156 03.5	A46672	99 F *	F
2.686	2.690	.500	01 R 244 150 08	A54282	01 R	L	2.718	2.722	.469	01 F 246A 156 07.5	A46254	01 F	F
2.750	2.754	.500	01 R 248 150 08	A54297	01 R	L	2.721	2.725	.234	01 F 246D 156 03.75	A46823	01 F	F
2.875	2.879	.375	01 F 256 150 06	A46426	01 F	F	2.750	2.754	.250	01 W 248 156 04	A53028	01 W	L
2.996	3.001	.375	01 F 300A 150 06	A86969	01 F	F	2.750	2.754	.500	01 R 248 156 08	A54126	01 R	L
1.796" (1-51/64") SHAFT							2.750	2.754	.500	05 RS 248 156 08	A54126S	05 RS	S
2.726	2.730	.516	01 GW 247A 151 08.25	A46558	01 GW	L	2.758	3.063	.438	99 FLG 248A 156 07C	A64501R	99 T *	R

• For definition of code letters, see Page 11.

*Special Construction Contact Factory for Further Information.

SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.
1.875" (1-7/8") SHAFT - CONT.							1.937" (1-15/16") SHAFT - CONT.						
2.758	2.762	.500	05 RS 248A 156 08	A46538S	05 RS	S	2.502	2.506	.375	02 BRW 232 160 06	A87001S	02 BRW	S
2.758	2.762	.500	01 R 248A 156 08	A54295	01 R	L	2.561	2.565	.500	01 GF 236 160 08	A45350	01 GF	F
2.758	2.762	.656	04 DFS 248A 156 10.5	A46431S	04 DFS	SF	2.623	2.627	.281	99 GW 240 160 04.5	A46536	99 GW *	L
2.758	2.762	.656	05 DW 248A 156 10.5	A52023	05 DW	LL	2.623	2.627	.563	99 BRW 240 160 09	A86318S	99 BRW *	S
2.783	2.787	.250	01 W 250 156 04	A53026	01 W	LL	2.625	2.629	.250	05 BR 240A 160 04	A87002S	05 BR	S
2.785	2.789	.594	05 DW 250A 156 09.5	A45981	05 DW	LL	2.625	2.629	.250	06 BRS 240A 160 04	A87003S	06 BRS	S
2.812	2.816	.500	99 R 252 156 08	A46834	99 R *	L	2.686	2.690	.500	01 R 244 160 08	A54145	01 R	L
2.875	2.879	.250	05 BR 256 156 04	A45443S	05 BR	S	2.686	2.690	.500	05 RS 244 160 08	A54145S	05 RS	S
2.875	2.879	.250	06 BRS 256 156 04	A86985S	06 BRS	S	2.692	2.696	.500	02 BTM 244B 160 08	A87004S	02 BTM	S
2.875	2.879	.469	01 R 256 156 07.5	A54088	01 R	L	2.692	2.696	.500	02 BTMS 244B 160 08C	A46673R	02 BTMS	R
2.875	2.879	.500	01 R 256 156 08	A51977	01 R	L	2.750	2.754	.250	01 W 248 160 04	A87005	01 W	L
2.875	2.879	.531	99 ROSW 256 156 08.5	A86303S	99 ROSW*	S	2.762	2.766	.500	04 BRSW 249A 160 08C	A66402P	04 BRSW	P
2.890	2.894	.500	01 R 257 156 08	A86987	01 R	L	2.762	2.766	.500	02 BRW 249A 160 08	A87006S	02 BRW	S
2.965	2.969	.250	01 F 262A 156 04	A46234	01 F	F	2.824	2.828	.500	04 RS 253 160 08C	A85023R	04 RS	R
2.996	3.001	.250	05 BR 300A 156 04	A86988S	05 BR	S	2.875	2.879	.250	01 W 256 160 04	A53065	01 W	L
2.996	3.001	.250	06 BRS 300A 156 04	A86989S	06 BRS	S	2.875	2.879	.469	01 R 256 160 07.5	A54306	01 R	L
2.996	3.001	.250	01 W 300A 156 04	A86990	01 W	L	2.883	2.887	.500	04 BRSW 256C 160 08C	A65401P	04 BRSW	P
2.996	3.001	.484	01 R 300A 156 07.75	A54593	01 R	L	2.883	2.887	.500	99 BRSW 256C 160 08C	A45355P	99 BRSW*	P
2.996	3.001	.500	01 R 300A 156 08	A54091	01 R	L	2.883	2.887	.500	02 BRW 256C 160 08	A87007S	02 BRW	S
2.996	3.001	.625	33 DWS 300A 156 10	A86991S	33 DWS	SS	2.992	2.996	.313	99 BRS 263A 160 05	A87317S	99 BRS *	S
2.996	3.001	.656	05 DW 300A 156 10.5	A52011	05 DW	LL	2.996	3.001	.250	01 W 300A 160 04	A87008	01 W	L
2.998	3.002	.375	01 F 300B 156 06	A46076	01 F	F	2.996	3.001	.500	01 R 300A 160 08	A54152	01 R	L
2.998	3.002	.375	01 GW 300B 156 06	A46469	01 GW	L	3.000	3.005	.250	01 WS 300 160 04	A87009S	01 WS	S
3.000	3.005	.500	01 R 300 156 08	A54309	01 R	L	3.000	3.005	.313	06 RMSW 300 160 05	A66120S	06 RMSW	S
3.061	3.066	.438	01 F 304 156 07	A86992	01 F	F	3.000	3.005	.313	05 RMW 300 160 05	A87010S	05 RMW	S
3.105	3.110	.500	99 R 307 156 08	A46835	99 R *	L	3.000	3.005	.469	01 GW 300 160 07.5	A46064	01 GW	L
3.105	3.110	.594	02 DF 307 156 09.5	A46013	02 DF	LF	3.000	3.005	.500	01 R 300 160 08	A54311	01 R	L
3.160	3.165	.250	03 R 310G 156 04	A46603	03 R	L	3.000	3.005	.625	05 DW 300 160 10	A52024	05 DW	LL
3.189	3.194	.469	01 R 312 156 07.5	A54100	01 R	L	3.125	3.130	.500	01 R 308 160 08	A54320	01 R	L
3.189	3.194	.703	06 DW 312 156 11.25	A46241	06 DW	LL	3.189	3.194	.438	01 R 312 160 07	A54102	01 R	L
3.251	3.256	.500	05 RS 316 156 08C	A54620P	05 RS	P	3.189	3.194	.469	01 R 312 160 07.5	A87011	01 R	L
3.251	3.256	.500	99 RS 316 156 08	A87341S	99 RS *	S	3.251	3.256	.500	99 BRS 316 160 08C	A46520P	99 BRS *	P
3.251	3.256	.500	01 TW 316 156 08C	A46845P	01 TW	P	3.350	3.355	.500	01 R 323 160 08	A87012	01 R	L
3.251	3.256	.500	02 TW 316 156 08	A86993S	02 TW	S	3.371	3.376	.250	01 W 324 160 04	A87013	01 W	L
3.496	3.501	.844	01 DF 332B 156 13.5	A46212	01 DF	LF	3.543	3.548	.500	01 R 335 160 08	A87014	01 R	L
3.744	3.749	.500	01 TK 348A 156 08C	A85034P	01 TK	P	3.622	3.627	.375	01 F 340A 160 06	A46238	01 F	F
3.744	3.749	.500	02 TK 348A 156 08	A86994S	02 TK	S	3.623	3.628	.500	01 R 340 160 08	A54579	01 R	L
3.744	3.749	.688	99 DF 348A 156 11	A46624	99 DF *	LF	1.953" (1-61/64") SHAFT						
4.010	4.014	1.000	99 DF 401 156 16	A46261	99 DF *	LF	2.964	2.968	.250	01 W 262B 161 04	A53132	01 W	L
1.891" (1-57/64") SHAFT							1.968" (1-31/32") SHAFT						
2.836	2.840	.437	01 GF 254B 157 07	A45434	01 GF	F	2.686	2.690	.250	01 W 244 162 04	A65962	01 W	L
1.906" (1-29/32") SHAFT							2.686	2.690	.500	01 R 244 162 08	A54442	01 R	L
2.434	2.438	.250	05 BR 228B 158 04	A65240S	05 BR	S	2.875	2.879	.469	01 R 256 162 07.5	A54443	01 R	L
2.434	2.438	.250	06 BRS 228B 158 04	A87312S	06 BRS	S	2.000" (2") SHAFT						
2.437	2.441	.250	05 BR 228 158 04	A86995S	05 BR	S	2.374	2.378	.188	01 B 224 200 03	A87015S	01 B	S
2.437	2.441	.250	06 BRS 228 158 04	A86996S	06 BRS	S	2.374	2.378	.188	01 BR 224 200 03	A86271S	01 BR	S
2.531	2.535	.250	02 RM 234 158 04	A86997S	02 RM	S	2.374	2.378	.188	03 BRS 224 200 03	A86279S	03 BRS	S
2.531	2.535	.250	04 RMS 234 158 04	A86998S	04 RMS	S	2.374	2.378	.188	99 RO 224 200 03	A87318S	99 RO *	S
2.702	3.000	.531	99 FLG 245A 158 08.25	A65501S	99 BRSW*	S	2.502	2.506	.250	01 BR 232 200 04	A53088S	01 BR	S
2.752	2.756	.406	06 BRSW 248D 158 06.5C	A45354P	06 BRSW	P	2.502	2.506	.250	03 BRS 232 200 04	A86280S	03 BRS	S
2.752	2.756	.406	05 BRW 248D 158 06.5	A86999S	05 BRW	S	2.502	2.506	.250	01 TUW 232 200 04	A87016	01 TUW	U
3.157	3.162	.375	01 GW 310F 158 06	A45975	01 GW	L	2.561	2.565	.250	01 BR 236 200 04	A67101S	01 BR	S
3.189	3.194	.406	05 BRW 312 158 06.5	A87000S	05 BRW	S	2.561	2.565	.250	03 BRS 236 200 04	A87017S	03 BRS	S
3.189	3.194	.406	06 BRSW 312 158 06.5C	A46827P	06 BRSW	P	2.561	2.565	.375	05 BR 236 200 06	A87018S	05 BR	S
3.189	3.194	.500	05 RS 312 158 08C	A54623P	05 RS	P	2.561	2.565	.375	06 BRS 236 200 06	A87019S	06 BRS	S
1.937" (1-15/16") SHAFT							2.561	2.565	.531	02 BTM 236 200 08.5	A87020S	02 BTM	S
2.412	2.416	.469	02 R 227 160 07.5	A54396	02 R	L	2.561	2.565	.531	02 BTMS 236 200 08.5	A81106S	02 BTMS	S
2.502	2.506	.281	99 BW 232 160 04.5	A46606S	99 BW *	S	2.623	2.627	.250	01 W 240 200 04	A53091	01 W	L
2.502	2.506	.281	01 GW 232 160 04.5	A46606	01 GW	L	2.623	2.627	.500	02 R 240 200 08	A54397	02 R	L
2.502	2.506	.375	04 BRSW 232 160 06	A85047S	04 BRSW	S	*Special Construction Contact Factory for Further Information.						

SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.
2.000" (2") SHAFT							2.062" (2-1/16") SHAFT						
2.625	2.629	.250	01 B 240A 200 04C	A65120S	01 B	S	2.561	2.565	.313	05 BR 236 204 05	A87042S	05 BR	S
2.636	2.640	.250	01 F 241A 200 04	A86213	01 F	F	2.561	2.565	.313	06 BRS 236 204 05	A86250S	06 BRS	S
2.686	2.690	.250	01 TUV 244 200 04	A87021	01 TUV	U	2.661	2.665	.188	02 RM 242A 204 03	A87044S	02 RM	S
2.686	2.690	.375	05 RM 244 200 06	A87022S	05 RM	S	2.661	2.665	.188	04 RMS 242A 204 03	A87045S	04 RMS	S
2.686	2.690	.375	06 RMS 244 200 06C	A46884R	06 RMS	R	2.750	2.754	.250	01 W 248 204 04	A87046	01 W	L
2.686	2.690	.500	01 R 244 200 08	A54364	01 R	L	2.842	2.846	.453	01 R 254 204 07.25	A46031	01 R	L
2.745	3.062	.312	99 FLG 248B 200 05	A46882	99 F *	F	2.875	2.879	.500	01 R 256 204 08	A54374	01 R	L
2.746	2.750	.219	99 WS 248C 200 03.5C	A63202S	99 WS *	S	2.890	2.895	.563	06 ROSW 257 204 09	A87047S	06 ROSW	S
2.746	2.750	.375	05 RM 248C 200 06	A87024S	05 RM	S	2.890	2.895	.563	05 ROW 257 204 09	A87048S	05 ROW	S
2.746	2.750	.375	06 RMS 248C 200 06	A81101S	06 RMS	S	2.996	3.001	.250	01 W 300A 204 04	A87049	01 W	L
2.750	2.754	.250	01 W 248 200 04	A53084	01 W	L	3.000	3.005	.313	01 GW 300 204 05	A46664	01 GW	L
2.750	2.754	.375	05 RM 248 200 06	A87023S	05 RM	S	3.000	3.005	.500	05 RS 300 204 08	A87050S	05 RS	S
2.750	2.754	.375	06 RMS 248 200 06	A63601S	06 RMS	S	3.061	3.066	.500	01 R 304 204 08	A54318	01 R	L
2.750	2.754	.500	01 R 248 200 08	A54382	01 R	L	3.149	3.154	.406	99 G3WS 310C 204 06.5	A46826S	99 G3WS*	S
2.875	2.879	.469	01 R 256 200 07.5	A54089	01 R	L	3.150	3.155	.250	01 F 310 204 04	A87051	01 F	F
2.875	2.879	.500	01 R 256 200 08	A87028	01 R	L	3.151	3.156	.250	01 F 310D 204 04	A45950	01 F	F
2.880	2.884	.391	01 TW 256A 200 06.25	A64601S	01 TW	S	3.157	3.162	.438	01 F 310F 204 07	A87052	01 F	F
2.880	2.884	.391	02 TW 256A 200 06.25	A87026S	02 TW	S	3.189	3.194	.438	01 R 312 204 07	A54104	01 R	L
2.880	2.884	.500	01 TKW 256A 200 08	A45360S	01 TKW	S	3.189	3.194	.469	99 F 312 204 07.5	A46082	99 F *	F
2.880	2.884	.500	02 TKW 256A 200 08	A87029S	02 TKW	S	2.093" (2-3/32") SHAFT						
2.882	2.886	.469	01 R 256B 200 07.5	A87027	01 R	L	2.713	2.717	.375	02 BT 246 206 06	A87053S	02 BT	S
2.890	2.895	.562	99 ROSW 257 200 09	A87319S	99 ROSW*	S	2.713	2.717	.375	02 BTS 246 206 06	A87043S	02 BTS	S
2.963	2.967	.500	99 B 262 200 08	A46836S	99 B *	S	2.718	2.722	.375	01 BT 246A 206 06	A46483S	01 BT	S
2.963	2.967	.500	01 GF 262 200 08	A78014	01 GF	F	2.718	2.722	.375	01 BTS 246A 206 06	A87065S	01 BTS	S
2.965	2.969	.313	01 F 262A 200 05	A46236	01 F	F	2.750	2.754	.250	01 W 248 206 04	A87054	01 W	L
2.965	3.313	.313	99 FLG 262A 200 05	A47007	99 F *	F	3.151	3.156	.250	01 W 310D 206 04	A53126	01 W	L
2.996	3.001	.375	01 T 300A 200 06	A66501S	01 T	S	2.125" (2-1/8") SHAFT						
2.996	3.001	.375	02 T 300A 200 06	A87032S	02 T	S	2.502	2.506	.188	01 BR 232 208 03	A87055S	01 BR	S
2.996	3.001	.500	01 R 300A 200 08	A54093	01 R	L	2.502	2.506	.188	03 BRS 232 208 03	A87056S	03 BRS	S
2.996	3.001	.656	05 DW 300A 200 10.5	A52012	05 DW	LL	2.502	2.507	.188	99 RO 232 208 03	A87321S	99 RO *	S
2.996	3.001	.750	01 DF 300A 200 12	A48016	01 DF	LF	2.762	2.766	.250	05 BR 249A 208 04	A87057S	05 BR	S
2.996	3.001	.750	03 DW 300A 200 12	A51010	03 DW	LL	2.762	2.766	.250	06 BRS 249A 208 04	A87058S	06 BRS	S
3.000	3.005	.250	05 BR 300 200 04	A53066S	05 BR	S	2.875	2.879	.250	01 W 256 208 04	A53106	01 W	L
3.000	3.005	.250	06 BRS 300 200 04	A87030S	06 BRS	S	2.875	2.879	.313	01 BW 256 208 05	A87059S	01 BW	S
3.000	3.005	.250	01 W 300 200 04	A87031	01 W	L	2.875	2.879	.313	99 DWS 256 208 05	A46505S	99 DWS *	SL
3.000	3.005	.375	01 T 300 200 06	A86289S	01 T	S	2.875	2.879	.375	05 RM 256 208 06	A87060S	05 RM	S
3.000	3.005	.375	02 T 300 200 06	A86559S	02 T	S	2.875	2.879	.375	06 RMS 256 208 06C	A46639R	06 RMS	R
3.000	3.005	.500	01 R 300 200 08	A54312	01 R	L	2.875	2.879	.438	05 RS 256 208 07	A54580S	05 RS	S
3.061	3.066	.250	01 W 304 200 04	A87033	01 W	L	2.875	2.879	.469	01 R 256 208 07.5	A54369	01 R	L
3.061	3.066	.438	01 R 304 200 07	A54155	01 R	L	2.875	2.879	.625	05 DW 256 208 10	A52032	05 DW	LL
3.062		.500	04 E 304A 200 08	A66160	04 E	F	2.875	2.879	.688	01 DF 256 208 11	A48065	01 DF	LF
3.105	3.110	.531	02 DF 307 200 08.5	A48083	02 DF	LF	2.880	2.884	.438	05 RS 256A 208 07	A86228S	05 RS	S
3.125	3.130	.500	01 R 308 200 08	A54321	01 R	L	2.890	2.894	.250	01 W 257 208 04	A61161	01 W	L
3.150	3.155	.250	01 F 310 200 04	A87035	01 F	F	2.937	2.941	.438	05 RS 260 208 07	A87062S	05 RS	S
3.150	3.155	.500	05 RS 310 200 08	A65961S	05 RS	S	2.996	3.001	.500	01 R 300A 208 08	A54123	01 R	L
3.150	3.155	.500	01 F 310 200 08	A65969	01 F	F	2.996	3.001	.750	01 DF 300A 208 12	A48022	01 DF	LF
3.150	3.155	.500	01 R 310 200 08	A65961	01 R	L	3.000	3.005	.313	99 DWS 300 208 05C	A45366S	99 DWS *	SL
3.155	3.160	.250	01 F 310A 200 04	A87036	01 F	F	3.000	3.005	.500	01 R 300 208 08	A54314	01 R	L
3.155	3.160	.250	01 W 310A 200 04	A87037	01 W	L	3.000	3.005	.500	05 RS 300 208 08	A54314S	05 RS	S
3.189	3.194	.438	01 R 312 200 07	A54103	01 R	L	3.000	3.005	.750	06 DFS 300 208 12	A87063S	06 DFS	SF
3.189	3.194	.469	01 R 312 200 07.5	A87038	01 R	L	3.061	3.066	.500	01 R 304 208 08	A54319	01 R	L
3.264	3.269	.313	05 BR 317A 200 05	A87039S	05 BR	S	3.061	3.066	.500	05 RS 304 208 08	A54319S	05 RS	S
3.264	3.269	.313	06 BRS 317A 200 05	A87040S	06 BRS	S	3.061	3.066	.688	03 DW 304 208 11	A87064	03 DW	LL
3.371	3.376	.469	01 R 324 200 07.5	A54111	01 R	L	3.061	3.066	.688	05 DW 304 208 11	A52027	05 DW	LL
4.562	4.567	.563	99 F 436 200 09	A87363	99 F *	F	3.061	3.066	.750	01 DF 304 208 12	A48055	01 DF	LF
2.047" (2-3/64") SHAFT							3.061	3.066	.750	04 DFS 304 208 12	A48055S	04 DFS	SF
4.361	4.366	.438	99 BRS 423A 203 07	A45362S	99 BRS *	S	3.125	3.130	.438	01 TKW 308 208 07	A86251S	01 TKW	S

• For definition of code letters, see Page 11.

*Special Construction Contact Factory for Further Information.

SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL*	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL*
2.125" (2-1/8") SHAFT - CONT.							2.250" (2-1/4") SHAFT - CONT.						
3.125	3.130	.438	02 TKW 308 208 07	A87066S	02 TKW	S	3.000	3.005	.500	01 R 300 216 08	A54483	01 R	L
3.125	3.130	.500	01 R 308 208 08	A54323	01 R	L	3.000	3.005	.500	05 RS 300 216 08	A54483S	05 RS	S
3.126	3.131	.484	01 F 308B 208 07.75	A46363	01 F	F	3.061	3.066	.438	01 F 304 216 07	A46243	01 F	F
3.148	3.153	.500	99 F 310B 208 08	A47011	99 F *	F	3.061	3.066	.438	01 R 304 216 07	A54204	01 R	L
3.189	3.194	.375	01 TW 312 208 06	A48024S	01 TW	S	3.061	3.066	.500	04 RMSW 304 216 08	A46904S	04 RMSW	S
3.189	3.194	.375	02 TW 312 208 06	A87067S	02 TW	S	3.061	3.066	.500	02 RMW 304 216 08	A87088S	02 RMW	S
3.189	3.194	.438	01 R 312 208 07	A54132	01 R	L	3.125	3.130	.500	01 R 308 216 08	A54412	01 R	L
3.189	3.194	.469	04 RS 312 208 07.5	A54132S	04 RS	S	3.150	3.155	.375	01 R 310 216 06	A87089	01 R	L
3.251	3.256	.625	05 DW 316 208 10	A52028	05 DW	LL	3.189	3.194	.438	01 R 312 216 07	A54557	01 R	L
3.350	3.355	.250	01 W 323 208 04	A53024	01 W	L	3.189	3.194	.500	01 R 312 216 08	A54550	01 R	L
3.350	3.355	.469	01 R 323 208 07.5	A54105	01 R	L	3.189	3.194	.719	25 DWS 312 216 11.5C	A79011P	25 DWS	PL
3.350	3.355	.531	02 DF 323 208 08.5	A46618	02 DF	LF	3.251	3.256	.250	01 W 316 216 04	A53067	01 W	L
3.371	3.376	.438	01 GW 324 208 07	A87068	01 GW	L	3.251	3.256	.343	99 GTW 316 216 05.5	A87090	99 GTW *	T
3.438	3.443	.250	01 F 328 208 04	A87069	01 F	F	3.251	3.256	.500	01 R 316 216 08	A54327	01 R	L
3.543	3.548	.500	01 R 335 208 08	A56316	01 R	L	3.251	3.256	.625	03 DW 316 216 10	A87091	03 DW	LL
3.623	3.628	.469	01 R 340 208 07.5	A56087	01 R	L	3.265	3.270	.250	01 BR 317 216 04	A87092S	01 BR	S
2.156" (2-5/32") SHAFT							2.265" (2-17/64") SHAFT						
3.189	3.194	.469	01 R 312 210 07.5	A54531	01 R	L	3.310	3.315	.375	01 GW 320C 216 06	A46663	01 GW	L
3.251	3.256	.500	01 R 316 210 08	A54582	01 R	L	3.350	3.355	.250	01 W 323 216 04	A87329	01 W	L
2.180" SHAFT							2.281" (2-9/32") SHAFT						
3.000	3.005	.500	01 GF 300 212X 08	A63101	01 GF	F	3.350	3.355	.250	01 W 323 216X 04C	A65970	01 W	L
2.187" (2-3/16") SHAFT							2.312" (2-5/16") SHAFT						
2.996	3.001	.500	01 R 300A 212 08	A54146	01 R	L	3.350	3.355	.469	01 R 323 216 07.5	A54107	01 R	L
3.000	3.005	.219	99 WS 300 212 03.5	A66202S	99 WS *	S	3.350	3.355	.500	01 R 323 216 08	A87094	01 R	L
3.061	3.066	.500	01 R 304 212 08	A87071	01 R	L	3.371	3.376	.375	99 B 324 216 06	A87323S	99 B *	S
3.109	3.119	.438	02 RO 307B 212 07	A87072S	02 RO	S	3.371	3.376	.469	01 R 324 216 07.5	A54139	01 R	L
3.109	3.119	.438	04 ROS 307B 212 07	A87073S	04 ROS	S	3.371	3.376	.500	99 B 324 216 08	A87324S	99 B *	S
3.189	3.194	.438	01 R 312 212 07	A54358	01 R	L	3.371	3.376	.688	01 DF 324 216 11	A48026	01 DF	LF
3.189	3.194	.469	02 DF 312 212 07.5	A46281	02 DF	LF	3.371	3.376	.750	99 B 324 216 12	A87325S	99 B *	S
3.189	3.194	.688	99 BRS 312 212 11	A46510S	99 BRS *	S	3.371	3.376	1.313	99 B 324 216 21	A87326S	99 B *	S
3.189	3.194	.812	99 BRS 312 212 13	A46511S	99 BRS *	S	3.371	3.376	1.313	01 GF 324 216 21	A87095	01 GF	F
3.251	3.256	.500	01 R 316 212 08	A54326	01 R	L	3.371	3.376	1.313	99 GW 324 216 21	A87327	99 GW *	L
3.350	3.355	.469	01 R 323 212 07.5	A54106	01 R	L	3.442	3.447	.250	01 W 328B 216 04	A53131	01 W	L
2.218" (2-7/32") SHAFT							2.281" (2-9/32") SHAFT						
3.061	3.066	.313	99 DWS 304 214 05C	A53158S	99 DWS *	SL	3.481	3.486	.500	01 R 331 216 08	A56133	01 R	L
3.123	3.128	.500	01 GF 308A 214 08	A46540	01 GF	F	3.500	3.505	.500	01 R 332 216 08	A56098	01 R	L
3.350	3.355	.469	01 R 323 214 07.5	A54536	01 R	L	3.500	3.505	.500	05 RS 332 216 08	A56098S	05 RS	S
3.371	3.376	.469	01 R 324 214X 07.5	A87074	01 R	L	3.500	3.505	.703	03 DW 332 216 11.25	A87096	03 DW	LL
2.234" (2-15/64") SHAFT							2.312" (2-5/16") SHAFT						
3.251	3.256	.500	01 R 316 215 08	A87075	01 R	L	3.565	3.570	.500	99 DF 336A 216 08	A46616	99 DF *	LF
2.250" (2-1/4") SHAFT							2.312" (2-5/16") SHAFT						
2.623	2.627	.250	05 BR 240 216 04	A87076S	05 BR	S	3.623	3.628	.469	01 R 340 216 07.5	A56221	01 R	L
2.623	2.627	.250	06 BRS 240 216 04	A87077S	06 BRS	S	3.623	3.628	.594	25 DWS 340 216 09.5	A52075S	25 DWS	SL
2.750	2.754	.250	05 BR 248 216 04	A87078S	05 BR	S	2.265" (2-17/64") SHAFT						
2.750	2.754	.250	06 BRS 248 216 04	A87079S	06 BRS	S	4.156	.250		99 BE 410 217 04	A46072S	99 BE *	S
2.750	2.754	.250	01 TUW 248 216 04	A87080	01 TUW	U	2.281" (2-9/32") SHAFT						
2.875	2.879	.250	99 WS 256 216 04	A87322S	99 WS *	S	2.759	2.763	.219	99 B 249B 218 03.5	A87328S	99 B *	S
2.875	2.879	.313	01 BR 256 216 05	A87081S	01 BR	S	3.150	3.155	.359	01 GW 310 218 05.75	A76028	01 GW	L
2.875	2.879	.313	03 BRS 256 216 05	A87082S	03 BRS	S	3.154	3.159	.359	01 GW 310E 218 05.75	A46336	01 GW	L
2.996	3.001	.375	01 F 300A 216 06	A87083	01 F	F	2.312" (2-5/16") SHAFT						
2.996	3.001	.438	04 BRSW 300A 216 07	A85036S	04 BRSW	S	2.996	3.001	.250	02 BR 300A 220 04	A87099S	02 BR	S
2.996	3.001	.438	02 BRW 300A 216 07	A87086S	02 BRW	S	2.996	3.001	.250	04 BRS 300A 220 04	A87101S	04 BRS	S
2.996	3.001	.500	01 R 300A 216 08	A54417	01 R	L	3.000	3.005	.250	02 BR 300 220 04	A87098S	02 BR	S
2.996	3.001	.500	05 RS 300A 216 08	A54417S	05 RS	S	3.000	3.005	.250	04 BRS 300 220 04	A87100S	04 BRS	S
2.996	3.001	.750	04 DFS 300A 216 12	A87087S	04 DFS	SF	3.251	3.256	.500	01 R 316 220 08	A54328	01 R	L
3.000	3.005	.438	04 BRSW 300 216 07	A87084S	04 BRSW	S	3.313	3.318	.375	99 GW 320 220 06	A46057	99 GW *	L
3.000	3.005	.438	02 BRW 300 216 07	A87085S	02 BRW	S	3.350	3.355	.469	01 R 323 220 07.5	A54108	01 R	L

* For definition of code letters, see Page 11.

*Special Construction Contact Factory for Further Information.

SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.
2.328" (2-21/64") SHAFT							2.500" (2-1/2") SHAFT						
3.000	3.005	.406	05 RM 300 221 06.5	A87102S	05 RM	S	3.000	3.005	.250	05 BR 300 232 04	A53104S	05 BR	S
3.000	3.005	.406	06 RMS 300 221 06.5	A87104S	06 RMS	S	3.000	3.005	.250	06 BRS 300 232 04	A86282S	06 BRS	S
3.189	3.194	.469	99 F 312 221 07.5	A46457	99 F *	F	3.000	3.005	.250	01 TUW 300 232 04	A87127	01 TUW	U
2.330" SHAFT							3.095	3.100	.188	99 B 306A 232 03	A87331S	99 B *	S
3.000	3.005	.406	05 RM 300 221X 06.5	A87103S	05 RM	S	3.150	3.155	.281	01 W 310 232 04.5	A87332	01 W	L
3.000	3.005	.406	06 RMS 300 221X 06.5C	A65601P	06 RMS	P	3.150	3.155	.250	01 BR 310 232 04	A87128S	01 BR	S
2.375" (2-3/8") SHAFT							3.150	3.155	.250	03 BRS 310 232 04	A87129S	03 BRS	S
3.112	3.117	.500	01 TKW 307A 224 08	A64963S	01 TKW	S	3.189	3.194	.250	01 BR 312 232 04	A87130S	01 BR	S
3.112	3.117	.500	02 TKW 307A 224 08	A87106S	02 TKW	S	3.189	3.194	.250	03 BRS 312 232 04	A87131S	03 BRS	S
3.125	3.130	.500	01 R 308 224 08	A54506	01 R	L	3.251	3.256	.250	01 W 316 232 04	A53100	01 W	L
3.125	3.130	.500	05 RS 308 224 08	A54506S	05 RS	S	3.251	3.256	.375	05 RM 316 232 06	A87132S	05 RM	S
3.126	3.131	.375	02 RM 308B 224 06	A87107S	02 RM	S	3.251	3.256	.375	06 RMS 316 232 06	A64965S	06 RMS	S
3.126	3.131	.375	04 RMS 308B 224 06C	A46649R	04 RMS	R	3.251	3.256	.375	99 RMS 316 232 06	A87333S	99 RMS *	S
3.145	3.150	.250	02 BR 309 224 04	A87108S	02 BR	S	3.251	3.256	.500	01 R 316 232 08	A54481	01 R	L
3.145	3.150	.250	04 BRS 309 224 04	A87109S	04 BRS	S	3.253	3.258	.375	05 RM 316A 232 06	A87133S	05 RM	S
3.150	3.155	.250	02 BR 310 224 04	A87110S	02 BR	S	3.253	3.258	.375	06 RMS 316A 232 06C	A46803R	06 RMS	R
3.150	3.155	.250	04 BRS 310 224 04	A87111S	04 BRS	S	3.350	3.355	.469	01 R 323 232 07.5	A54463	01 R	L
3.251	3.256	.500	01 R 316 224 08	A54515	01 R	L	3.371	3.376	.313	04 BRWS 324 232 05	A46530S	04 BRWS	S
3.350	3.355	.250	02 BR 323 224 04	A87114S	02 BR	S	3.371	3.376	.313	02 BRW 324 232 05	A87134S	02 BRW	S
3.350	3.355	.250	04 BRS 323 224 04	A84058S	04 BRS	S	3.371	3.376	.469	01 R 324 232 07.5	A54340	01 R	L
3.350	3.355	.469	01 R 323 224 07.5	A54109	01 R	L	3.371	3.376	.500	02 RM 324 232 08	A87137S	02 RM	S
3.350	3.355	.594	05 DW 323 224 09.5	A52015	05 DW	LL	3.371	3.376	.500	04 RMS 324 232 08	A87138S	04 RMS	S
3.350	3.355	.594	25 DWS 323 224 09.5	A87115S	25 DWS	SL	3.373	3.378	.375	01 TK 324A 232 06	A86290S	01 TK	S
3.350	3.355	.750	01 DF 323 224 12	A48020	01 DF	LF	3.373	3.378	.375	02 TK 324A 232 06	A87136S	02 TK	S
3.371	3.376	.250	02 BR 324 224 04	A87116S	02 BR	S	3.500	3.505	.500	01 R 332 232 08	A56141	01 R	L
3.371	3.376	.250	04 BRS 324 224 04	A87117S	04 BRS	S	3.500	3.505	.438	05 RS 332 232 07	A56141S	05 RS	S
3.371	3.376	.469	01 R 324 224 07.5	A54354	01 R	L	3.500	3.505	.500	99 T 332 232 08C	A46876R	99 T *	R
3.481	3.486	.438	01 R 331 224 07	A54602	01 R	L	3.500	3.505	.500	01 TK 332 232 08	A87139S	01 TK	S
3.481	3.486	.500	01 R 331 224 08	A54112	01 R	L	3.500	3.505	.500	02 TK 332 232 08	A87140S	02 TK	S
3.481	3.486	.688	05 DW 331 224 11	A46304	05 DW	LL	3.500	3.505	.625	05 DW 332 232 10	A52068	05 DW	LL
3.500	3.508	.375	02 RO 332 224X 06	A87118S	02 RO	S	3.500	3.505	.625	06 DW 332 232 10	A87141	06 DW	LL
3.500	3.508	.375	04 ROS 332 224X 06	A84034S	04 ROS	S	3.500	3.505	.750	01 DF 332 232 12	A49018	01 DF	LF
3.500	3.505	.500	01 R 332 224 08	A56101	01 R	L	3.500	3.505	.750	01 DT 332 232 12	A74012	01 DT	LL
3.500	3.505	.703	03 DW 332 224 11.25	A87119	03 DW	LL	3.505	3.510	.250	01 F 332A 232 04	A63102	01 F	F
3.601	3.606	.438	01 R 339B 224 07	A56485	01 R	L	3.543	3.548	.469	01 R 335 232 07.5	A87142	01 R	L
3.623	3.628	.438	01 R 340 224 07	A54626	01 R	L	3.543	3.548	.500	01 R 335 232 08	A56004	01 R	L
3.623	3.628	.703	05 DW 340 224 11.25	A52086	05 DW	LL	3.543	3.548	.500	01 TKW 335 232 08C	A86283P	01 TKW	P
3.744	3.749	.375	01 F 348A 224 06	A87120	01 F	F	3.543	3.548	.500	02 TKW 335 232 08	A87143S	02 TKW	S
3.876	3.881	.469	01 R 356 224 07.5	A56487	01 R	L	3.543	3.548	.625	05 DW 335 232 10	A52042	05 DW	LL
4.003	4.008	.469	01 R 400 224 07.5	A56262	01 R	L	3.623	3.628	.375	01 TW 340 232 06	A86297S	01 TW	S
4.376	4.381	.438	04 RS 424 224 07	A56453S	04 RS	S	3.623	3.628	.469	02 TW 340 232 06	A87145S	02 TW	S
4.376	4.381	.438	01 T 424 224 07	A87121S	01 T	S	3.623	3.628	.469	01 R 340 232 07.5	A56332	01 R	L
4.376	4.381	.438	02 T 424 224 07	A87122S	02 T	S	3.623	3.628	.500	02 R 340 232 08	A87146	02 R	L
4.376	4.381	.625	01 R 424 224 10	A56453	01 R	L	3.671	.500		01 E 343 232 08	A87147	01 E	L
4.376	4.381	.625	04 RS 424 224 10	A87124S	04 RS	S	3.751	3.756	.500	01 R 348 232 08	A56086	01 R	L
2.437" (2-7/16") SHAFT							3.876	3.881	.469	01 R 356 232 07.5	A56088	01 R	L
3.251	3.256	.250	01 W 316 228 04	A87125	01 W	L	4.249	4.260	.500	02 RO 416 232 08	A87148S	02 RO	S
3.481	3.486	.500	01 R 331 228 08	A54113	01 R	L	4.249	4.260	.500	04 ROS 416 232 08	A84038S	04 ROS	S
3.500	3.505	.500	01 R 332 228 08	A56102	01 R	L	5.562	5.567	.438	99 RS 536 232 07	A87362S	99 RS *	S
3.543	3.548	.469	01 R 335 228 07.5	A87126	01 R	L	2.512" SHAFT						
3.543	3.548	.500	01 R 335 228 08	A56003	01 R	L	3.505	3.510	.281	01 BW 332A 233X 04.5	A65103S	01 BW	S
3.623	3.628	.359	01 GW 340 228 05.75	A46337	01 GW	L	2.531" (2-17/32") SHAFT						
5.251	5.256	.188	99 WS 516 228 03	A87330S	99 WS *	S	3.500	3.505	.281	01 BW 332 234 04.5	A87334S	01 BW	S
2.468" (2-15/32") SHAFT							2.562" (2-9/16") SHAFT						
3.150	3.155	.281	01 W 310 230 04.5	A53072	01 W	L	3.439	3.444	.344	05 RM 328A 236 05.5	A87149S	05 RM	S
3.350	3.355	.469	01 R 323 230 07.5	A54510	01 R	L	3.439	3.444	.344	06 RMS 328A 236 05.5	A87150S	06 RMS	S
2.484" (2-31/64") SHAFT							3.481	3.486	.500	01 TKW 331 236 08C	A65402P	01 TKW	P
3.063	3.183	.563	99 FLG 304B 231 09	A46071S	99 FA *	S	3.481	3.486	.500	02 TKW 331 236 08	A87151S	02 TKW	S
3.307	3.312	.500	99 F 320A 231 08	A46560	99 F *	F							

* For definition of code letters, see Page 11.

*Special Construction Contact Factory for Further Information.

SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.
2.562" (2-9/16") SHAFT - CONT.							2.750" (2-3/4") SHAFT - CONT.						
3.500	3.505	.500	01 R 332 236 08	A56103	01 R	L	3.543	3.548	.625	06 DW 335 248 10	A87171	06 DW	LL
3.500	3.505	.563	99 BRS 332 236 09	A46849S	99 BRS	* S	3.623	3.628	.469	01 R 340 248 07.5	A56288	01 R	L
3.623	3.628	.469	01 R 340 236 07.5	A56005	01 R	L	3.623	3.628	.594	25 DWS 340 248 09.5	A79013S	25 DWS	SL
3.751	3.756	.500	01 R 348 236 08	A56226	01 R	L	3.751	3.756	.250	01 TUW 348 248 04	A87172	01 TUW	U
2.593" (2-19/32") SHAFT							2.750" (2-3/4") SHAFT - CONT.						
3.481	3.486	.500	01 R 331 238 08	A54452	01 R	L	3.751	3.756	.438	02 BRO 348 248 07	A87173S	02 BRO	S
3.481	3.486	.625	99 BRSW 331 238 10	A87335S	99 BRSW	* S	3.751	3.756	.500	04 BRSO 348 248 07	A87174S	04 BRSO	S
2.609" (2-39/64") SHAFT							2.750" (2-3/4") SHAFT - CONT.						
3.350	3.355	.375	99 RS 323 239X 06C	A54556R	99 RS	* R	3.751	3.756	.641	01 R 348 248 08	A56008	01 R	L
3.500	3.505	.750	01 DT 332 239 12	A87152	01 DT	LL	3.751	3.756	.641	05 DW 348 248 10.25	A52044	05 DW	LL
3.623	3.628	.469	01 R 340 239 07.5	A87153	01 R	L	3.751	3.756	.641	25 DWS 348 248 10.25	A52044S	25 DWS	SF
2.625" (2-5/8") SHAFT							2.750" (2-3/4") SHAFT - CONT.						
3.000	3.005	.188	01 BR 300 240 03	A87154S	01 BR	S	3.751	3.756	.750	01 DF 348 248 12	A49002	01 DF	LF
3.000	3.005	.188	03 BRS 300 240 03	A87155S	03 BRS	S	3.876	3.881	.438	01 TKW 356 248 07C	A86284P	01 TKW	P
3.251	3.256	.438	05 RS 316 240 07	A87156S	05 RS	S	3.876	3.881	.438	02 TKW 356 248 07	A87175S	02 TKW	S
3.350	3.355	.469	02 R 323 240 07.5	A54339	02 R	L	3.876	3.881	.469	01 R 356 248 07.5	A56014	01 R	L
3.371	3.376	.250	01 BR 324 240 04	A87157S	01 BR	S	3.876	3.881	.500	01 R 356 248 08	A56470	01 R	L
3.371	3.376	.250	03 BRS 324 240 04	A87158S	03 BRS	S	3.876	3.881	.625	05 DW 356 248 10	A52046	05 DW	LL
3.371	3.376	.500	01 R 324 240 08	A87159	01 R	L	3.876	3.881	.750	01 DF 356 248 12	A49004	01 DF	LF
3.439	3.444	.500	01 R 328A 240 08	A56467	01 R	L	4.003	4.008	.438	01 TKW 400 248 07	A86287S	01 TKW	S
3.500	3.505	.500	01 R 332 240 08	A56331	01 R	L	4.003	4.008	.438	01 TKW 400 248 07C	A86287P	01 TKW	P
3.500	3.505	.750	01 DT 332 240 12	A87160	01 DT	LL	4.003	4.008	.438	02 TKW 400 248 07	A87176S	02 TKW	S
3.543	3.548	.469	01 R 335 240 07.5	A87161	01 R	L	4.125	4.130	.469	03 G3WS 408 248 07.5	A65966S	03 G3WS	S
3.623	3.628	.250	01 W 340 240 04	A87162	01 W	L	4.125	4.130	.469	99 G3WS 408 248 07.5	A87338S	99 G3WS	* S
3.623	3.628	.375	01 T 340 240 06	A64968S	01 T	S	4.249	4.254	.625	01 R 416 248 10	A56104	01 R	L
3.623	3.628	.375	02 T 340 240 06	A87163S	02 T	S	4.249	4.254	.750	05 DW 416 248 12	A52062	05 DW	LL
3.623	3.628	.469	01 R 340 240 07.5	A56006	01 R	L	4.249	4.254	.750	25 DWS 416 248 12	A52062S	25 DWS	SL
3.623	3.628	.500	05 RS 340 240 08C	A56006P	05 RS	P	2.812" (2-13/16") SHAFT						
3.623	3.628	.500	01 R 340 240 08	A87164	01 R	L	3.500	3.505	.500	01 R 332 252 08	A87177	01 R	L
3.623	3.628	.703	05 DW 340 240 11.25	A52043	05 DW	LL	3.751	3.756	.500	01 R 348 252 08	A56009	01 R	L
3.623	3.628	.750	01 DF 340 240 12	A49001	01 DF	LF	3.876	3.881	.469	01 R 356 252 07.5	A56015	01 R	L
3.751	3.756	.500	01 R 348 240 08	A56143	01 R	L	4.249	4.254	.469	02 R 416 252 07.5	A54636	02 R	L
3.751	3.756	.875	01 DO 348 240 14	A87165	01 DO	LL	2.843" (2-27/32") SHAFT						
3.876	3.881	.469	01 F 356 240 07.5	A45993	01 F	F	3.939	3.944	.500	01 R 360A 254 08	A56401	01 R	L
3.876	3.881	.469	01 R 356 240 07.5	A56011	01 R	L	2.875" (2-7/8") SHAFT						
2.671" (2-43/64") SHAFT							3.251	3.256	.125	02 TUW 316 256 02	A87180	02 TUW	U
3.751	3.756	.500	01 GW 348 243 08	A46891	01 GW	L	3.751	3.756	.250	01 W 348 256 04	A64161	01 W	L
2.687" (2-11/16") SHAFT							3.751	3.756	.500	01 R 348 256 08	A56010	01 R	L
3.371	3.376	.563	01 FA 324 244 09	A46466S	01 FA	S	3.751	3.756	.500	05 RS 348 256 08	A56010S	05 RS	S
3.397	3.402	.250	99 GWS 326A 244 04	A66101S	99 GWS	* S	3.751	3.756	.500	01 T 348 256 08	A86291S	01 T	S
3.500	3.505	.500	01 R 332 244 08	A56361	01 R	L	3.751	3.756	.500	02 T 348 256 08	A87183S	02 T	S
3.751	3.756	.500	01 R 348 244 08	A56145	01 R	L	3.751	3.756	.625	06 DW 348 256 10	A81018	06 DW	LL
3.876	3.881	.469	01 R 356 244 07.5	A56013	01 R	L	3.751	3.756	.641	05 DW 348 256 10.25	A52045	05 DW	LL
4.003	4.008	.469	01 F 400 244 07.5	A87166	01 F	F	3.751	3.756	1.000	01 DT 348 256 16	A74013	01 DT	LL
2.750" (2-3/4") SHAFT							3.804	3.814	.469	02 RO 352A 256 07.5	A87178S	02 RO	S
3.000	3.005	.156	99 B 300 248 02.5	A87336S	99 B	* S	3.804	3.814	.469	04 ROS 352A 256 07.5	A87179S	04 ROS	S
3.125	3.130	.188	01 BR 308 248 03	A87167S	01 BR	S	3.876	3.881	.188	01 W 356 256 03	A46021	01 W	L
3.125	3.130	.188	03 BRS 308 248 03	A87168S	03 BRS	S	3.876	3.881	.469	01 R 356 256 07.5	A56321	01 R	L
3.125	3.130	.188	99 EB 308 248 03	A87337S	99 EB	* S	4.003	4.008	.438	02 RM 400 256 07	A87185S	02 RM	S
3.251	3.256	.250	01 TUW 316 248 04	A87169	01 TUW	U	4.003	4.008	.438	04 RMS 400 256 07	A87186S	04 RMS	S
3.500	3.505	.250	01 TUW 332 248 04	A87170	01 TUW	U	4.003	4.008	.469	01 R 400 256 07.5	A56016	01 R	L
3.500	3.505	.500	01 R 332 248 08	A56327	01 R	L	4.003	4.008	.625	03 DW 400 256 10	A51027	03 DW	LL
3.500	3.505	.500	04 RS 332 248 08	A56327S	04 RS	S	4.003	4.008	.625	05 DW 400 256 10	A52047	05 DW	LL
3.500	3.505	.938	01 DT 332 248 15	A74018	01 DT	LL	4.125	4.130	.813	99 GRS 408 256 13	A46557S	99 GRS	* S
3.543	3.548	.500	01 R 335 248 08	A56294	01 R	L	4.125	4.130	.813	99 R 408 256 13	A46557	99 R	* L
3.543	3.548	.625	05 DW 335 248 10	A52079	05 DW	LL	4.501	4.506	.438	01 F 432 256 07	A87187	01 F	F
2.750" (2-3/4") SHAFT							2.937" (2-15/16") SHAFT						
3.543	3.548	.625	05 DW 335 248 10	A52079	05 DW	LL	3.751	3.756	.500	01 R 348 260 08	A56342	01 R	L

• For definition of code letters, see Page 11.

*Special Construction Contact Factory for Further Information.

SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.
2.937" (2-15/16") SHAFT - CONT.							3.187" (3-3/16") SHAFT						
4.003	4.008	.578	25 DWS 400 260 09.25	A52048S	25 DWS	SL	4.249	4.254	.625	01 R 416 312 10	A56023	01 R	L
4.003	4.008	.625	17 DWS 400 260 10	A87189S	17 DWS	SL	4.499	4.504	.469	01 R 432A 312 07.5	A56305	01 R	L
4.003	4.008	.625	25 DWS 400 260 10	A87190S	25 DWS	SL	4.626	4.631	.438	02 R 440 312 07	A46350	02 R	L
4.003	4.008	.750	01 DT 400 260 12	A74021	01 DT	LL	4.626	4.631	.750	99 G 440 312 12	A46012	99 G *	L
2.984" (2-63/64") SHAFT							3.250" (3-1/4") SHAFT						
3.737	3.742	.500	01 TKW 347A 263 08	A87192S	01 TKW	S	3.623	3.628	.188	01 B 340 316 03	A87211S	01 B	S
3.737	3.742	.500	02 TKW 347A 263 08	A87193S	02 TKW	S	3.876	3.881	.313	04 BRW 356 316 05	A87212S	04 BRW	S
3.000" (3") SHAFT							3.250" (3-1/4") SHAFT						
3.500	3.505	.250	01 BR 332 300 04	A87194S	01 BR	S	3.876	3.881	.313	02 BRW 356 316 05	A87213S	02 BRW	S
3.500	3.505	.250	03 BRS 332 300 04	A87195S	03 BRS	S	4.249	4.254	.375	01 F 416 316 06	A81068	01 F	F
3.751	3.756	.250	01 TUW 348 300 04	A87196	01 TUW	U	4.249	4.254	.469	01 R 416 316 07.5	A87214	01 R	L
3.751	3.756	.375	05 BR 348 300 06	A87197S	05 BR	S	4.249	4.254	.625	01 R 416 316 10	A56024	01 R	L
3.751	3.756	.375	06 BRS 348 300 06	A46421S	06 BRS	S	4.499	4.504	.469	01 R 432A 316 07.5	A87217	01 R	L
3.751	3.756	.500	01 R 348 300 08	A56259	01 R	L	4.499	4.504	.469	05 RS 432A 316 07.5	A56134S	05 RS	S
4.003	4.008	.250	02 BR 400 300 04	A53140S	02 BR	S	4.499	4.504	.594	05 DW 432A 316 09.5	A52066	05 DW	LL
4.003	4.008	.250	04 BRS 400 300 04	A87198S	04 BRS	S	4.500	4.505	.406	01 F 432B 316 06.5	A81067	01 F	F
4.003	4.008	.250	01 W 400 300 04	A53140	01 W	L	4.501	4.506	.250	02 BR 432 316 04	A87215S	02 BR	S
4.003	4.008	.438	05 BRO 400 300 07	A87199S	05 BRO	S	4.501	4.506	.250	04 BRS 432 316 04	A87216S	04 BRS	S
4.003	4.008	.438	06 BRSO 400 300 07	A87200S	06 BRSO	S	4.501	4.506	.469	01 R 432 316 07.5	A56134	01 R	L
4.003	4.008	.438	01 TKW 400 300 07	A86285S	01 TKW	S	4.501	4.506	.469	05 RS 432 316 07.5	A87218S	05 RS	S
4.003	4.008	.438	01 TKW 400 300 07C	A86285P	01 TKW	P	4.501	4.506	.625	01 R 432 316 10	A87219	01 R	L
4.003	4.008	.438	02 TKW 400 300 07	A87201S	02 TKW	S	4.626	4.631	.500	01 R 440 316 08	A56463	01 R	L
4.003	4.008	.469	01 R 400 300 07.5	A56018	01 R	L	4.999	5.004	.469	01 R 500 316 07.5	A56029	01 R	L
4.003	4.008	.469	05 RS 400 300 07.5	A56018S	05 RS	S	5.126	5.131	.500	01 R 508 316 08	A53157	01 R	L
4.003	4.008	.578	25 DWS 400 300 09.25	A52049S	25 DWS	SL	3.312" (3-5/16") SHAFT						
4.003	4.008	.625	06 DW 400 300 10	A81019	06 DW	LL	4.249	4.254	.625	01 R 416 320 10	A87220	01 R	L
4.125	4.130	.563	01 R 408 300 09	A56148	01 R	L	4.499	4.504	.469	01 R 432A 320 07.5	A56091	01 R	L
4.249	4.254	.469	01 R 416 300 07.5	A56092	01 R	L	4.501	4.506	.469	01 R 432 320 07.5	A87221	01 R	L
4.249	4.254	.625	01 R 416 300 10	A56020	01 R	L	4.501	4.506	.625	01 R 432 320 10	A56449	01 R	L
4.376	4.381	.625	04 RS 424 300 10	A56152S	04 RS	S	4.999	5.004	.469	01 R 500 320 07.5	A56030	01 R	L
4.441	4.446	.719	99 R 428A 300 11.5	A46034	99 R *	L	5.501	5.506	.563	01 R 532 320 09	A56443	01 R	L
4.999	5.004	.469	01 R 500 300 07.5	A56025	01 R	L	3.375" (3-3/8") SHAFT						
3.062" (3-1/16") SHAFT							3.375" (3-3/8") SHAFT						
4.125	4.130	.563	01 R 408 304 09	A56149	01 R	L	4.125	4.130	.250	01 W 408 324 04	A64966	01 W	L
4.376	4.381	.625	06 DW 424 304 10	A87202	06 DW	LL	4.370	4.375	.500	01 R 424B 324 08	A87223	01 R	L
3.125" (3-1/8") SHAFT							3.375" (3-3/8") SHAFT						
3.876	3.881	.250	01 BR 356 308 04	A87203S	01 BR	S	4.376	4.381	.250	01 W 424 324 04	A87222	01 W	L
3.876	3.881	.250	03 BRS 356 308 04	A87204S	03 BRS	S	4.376	4.381	.500	01 R 424 324 08	A56458	01 R	L
4.003	4.008	.469	01 R 400 308 07.5	A56320	01 R	L	4.376	4.381	.625	01 R 424 324 10	A56157	01 R	L
4.003	4.008	.750	01 DF 400 308 12	A87205	01 DF	LF	4.380	4.385	.625	05 RS 424C 324 10	A46547S	05 RS	S
4.003	4.008	.750	99 DF 400 308 12	A87206	99 DF *	LF	4.499	4.504	.469	01 R 432A 324 07.5	A87224	01 R	L
4.049	4.054	.438	04 RS 403 308 07	A46548S	04 RS	S	4.501	4.506	.625	01 R 432 324 10	A56300	01 R	L
4.125	4.130	.563	01 R 408 308 09	A56150	01 R	L	4.688	4.693	.500	01 R 444 324 08	A56231	01 R	L
4.125	4.130	.688	05 DW 408 308 11	A52070	05 DW	LL	4.999	5.004	.469	01 R 500 324 07.5	A56031	01 R	L
4.175	4.180	.313	01 F 411A 308 05	A81066	01 F	F	5.251	5.256	.500	04 RS 516 324 08	A87225S	04 RS	S
4.249	4.254	.625	01 R 416 308 10	A56022	01 R	L	3.437" (3-7/16") SHAFT						
4.376	4.381	.625	01 R 424 308 10	A56153	01 R	L	4.756	4.761	.563	01 R 448A 328 09	A56486	01 R	L
4.501	4.506	.469	01 R 432 308 07.5	A56139	01 R	L	3.468" (3-15/32") SHAFT						
4.562	4.567	.688	01 GF 436 308 11	A46500	01 GF	F	4.626	4.631	.563	01 R 440 330 09	A56489	01 R	L
4.562	4.567	1.203	99 G 436 308 19.25	A45948	99 G *	L	3.500" (3-1/2") SHAFT						
4.626	4.631	.563	01 R 440 308 09	A56464	01 R	L	4.003	4.008	.250	01 BR 400 332 04	A87227S	01 BR	S
4.626	4.631	.609	01 R 440 308 09.75	A87207	01 R	L	4.003	4.008	.250	03 BRS 400 332 04	A87229S	03 BRS	S
4.751	4.756	.625	01 R 448 308 10	A56227	01 R	L	4.005	4.010	.250	01 BR 400A 332 04	A87228S	01 BR	S
4.999	5.004	.469	01 R 500 308 07.5	A56027	01 R	L	4.005	4.010	.250	03 BRS 400A 332 04	A87230S	03 BRS	S
3.140" (3-9/64") SHAFT							3.500" (3-1/2") SHAFT						
3.500	3.505	.188	01 B 332 309X 03	A87208S	01 B	S	4.376	4.381	.750	06 DW 424 332 12	A46222	06 DW	LL
							4.450	4.455	.313	99 WS 429 332 05	A65121S	99 WS *	S
							4.499	4.504	.469	01 R 432A 332 07.5	A56140	01 R	L
							4.499	4.504	.469	05 RS 432A 332 07.5	A56140S	05 RS	S

• For definition of code letters, see Page 11.

*Special Construction Contact Factory for Further Information.

SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL*	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL*
3.500" (3-1/2") SHAFT - CONT.							3.937" (3-15/16") SHAFT						
4.501	4.506	.438	01 TKW 432 332 07C	A86286P	01 TKW	P	4.999	5.004	.469	01 R 500 360 07.5	A56040	01 R	L
4.501	4.506	.438	01 TKW 432 332 07	A86286S	01 TKW	S	5.374	5.379	.531	99 G 524 360 08.5	A46325	99 G *	L
4.501	4.506	.438	02 TKW 432 332 07	A87232S	02 TKW	S	5.501	5.506	.563	05 RS 532 360 09	A56430S	05 RS	S
4.501	4.506	.469	05 RS 432 332 07.5	A64540S	05 RS	S	3.984" (3-63/64") SHAFT						
4.501	4.506	.563	05 RS 432 332 09	A87233S	05 RS	S	5.381	5.386	.500	05 RS 524A 363 08	A46556S	05 RS	S
4.501	4.506	.625	01 R 432 332 10	A56280	01 R	L	4.000" (4") SHAFT						
4.501	4.506	.813	01 DF 432 332 13	A49034	01 DF	LF	4.751	4.756	.250	01 TUW 448 400 04	A87248	01 TUW	U
4.501	4.506	.813	03 DW 432 332 13	A51039	03 DW	LL	4.876	4.881	.250	01 W 456 400 04	A87249	01 W	L
4.626	4.631	.625	01 R 440 332 10	A56162	01 R	L	4.999	5.004	.469	01 R 500 400 07.5	A56041	01 R	L
4.751	4.756	.625	06 DW 448 332 10	A52087	06 DW	LL	5.126	5.131	.625	01 R 508 400 10	A56180	01 R	L
4.751	4.756	.625	01 F 448 332 10	A46214	01 F	F	5.251	5.256	.625	01 R 516 400 10	A56183	01 R	L
4.751	4.756	.625	01 R 448 332 10	A56165	01 R	L	5.374	5.379	.500	01 R 524 400 08	A56403	01 R	L
4.842	4.847	.875	99 GRS 454 332 14	A46562S	99 GRS *	S	5.501	5.506	.563	01 R 532 400 09	A56042	01 R	L
4.999	5.004	.469	01 R 500 332 07.5	A56033	01 R	L	5.626	5.631	.500	01 R 540 400 08	A56404	01 R	L
3.562" (3-9/16") SHAFT							5.626	5.631	.500	05 RS 540 400 08	A56404S	05 RS	S
4.999	5.004	.469	01 R 500 336 07.5	A56034	01 R	L	5.751	5.756	.563	01 R 548 400 09	A56047	01 R	L
4.999	5.004	.500	01 R 500 336 08	A87235	01 R	L	5.751	5.756	.875	99 G 548 400 14	A46073	99 G *	L
3.625" (3-5/8") SHAFT							6.001	6.006	.625	01 R 600A 400 10	A56191	01 R	L
4.626	4.631	.625	01 R 440 340 10	A56164	01 R	L	6.251	6.256	.563	01 R 616 400 09	A56060	01 R	L
4.628	4.633	.375	06 RMSW 440A 340 06	A87236S	06 RMSW	S	4.046" (4-3/64") SHAFT						
4.628	4.633	.375	05 RMW 440A 340 06	A87237S	05 RMW	S	5.375	5.380	.531	99 BRWS 524C 403 08.5	A87250S	99 BRWS*	S
4.751	4.756	.625	01 R 448 340 10	A56167	01 R	L	5.501	5.506	.625	99 R 532 403 10	A46631	99 R *	L
4.876	4.881	.531	02 R 456 340 08.5	A46531	02 R	L	4.062" (4-1/16") SHAFT						
4.876	4.881	.625	01 R 456 340 10	A56173	01 R	L	5.501	5.506	.563	01 R 532 404 09	A56043	01 R	L
4.878	4.883	.625	02 R 456A 340 10	A87238	02 R	L	5.501	5.506	.563	05 RS 532 404 09	A56043S	05 RS	S
4.878	4.883	.625	05 RM 456A 340 10	A87239S	05 RM	S	5.501	5.506	.563	05 RS 532 404X 09	A46611S	05 RS	S
4.878	4.883	.625	06 RMS 456A 340 10	A46531S	06 RMS	S	4.125" (4-1/8") SHAFT						
4.999	5.004	.469	01 R 500 340 07.5	A56035	01 R	L	5.251	5.256	.500	01 R 516 408 08	A56137	01 R	L
4.999	5.008	.719	04 ROSW 500 340 11.5	A87240S	04 ROSW	S	5.751	5.756	.563	01 R 548 408 09	A56049	01 R	L
4.999	5.008	.719	02 ROW 500 340 11.5	A87241S	02 ROW	S	4.156" (4-5/32") SHAFT						
3.687" (3-11/16") SHAFT							5.501	5.506	.625	99 R 532 410 10	A66204	99 R *	L
4.501	4.506	.500	01 R 432 344 08	A87242	01 R	L	4.187" (4-3/16") shaft						
4.999	5.004	.469	01 R 500 344 07.5	A56036	01 R	L	5.251	5.256	.500	01 TK 516 412 08	A87256S	01 TK	S
5.501	5.506	.563	01 R 532 344 09	A56250	01 R	L	5.251	5.256	.500	02 TK 516 412 08	A87257S	02 TK	S
3.750" (3-3/4") SHAFT							6.251	6.256	.563	01 R 616 412 09	A56064	01 R	L
4.751	4.756	.484	05 RS 448 348 07.75	A56492S	05 RS	S	4.250" (4-1/4") SHAFT						
4.751	4.756	.484	01 TK 448 348 07.75C	A85080R	01 TK	R	5.251	5.256	.375	01 TW 516 416 06	A86345S	01 TW	S
4.751	4.756	.484	02 TK 448 348 07.75	A87244S	02 TK	S	5.251	5.256	.375	02 TW 516 416 06	A87258S	02 TW	S
4.751	4.756	.500	01 R 448 348 08	A56338	01 R	L	5.251	5.256	.469	01 R 516 416 07.5	A56186	01 R	L
4.751	4.756	.500	05 RS 448 348 08	A56338S	05 RS	S	5.251	5.256	.500	01 R 516 416 08	A87259	01 R	L
4.751	4.756	.625	01 R 448 348 10	A56169	01 R	L	5.374	5.379	.500	01 R 524 416 08	A56187	01 R	L
4.751	4.756	.875	01 DT 448 348 14	A74017	01 DT	LL	5.376	5.381	.500	01 T 524B 416 08	A56187S	01 T	S
4.999	5.004	.469	01 GW 500 348 07.5	A53147	01 GW	L	5.376	5.381	.500	02 T 524B 416 08	A87260S	02 T	S
4.999	5.004	.469	01 R 500 348 07.5	A56037	01 R	L	5.501	5.506	.563	01 R 532 416 09	A56046	01 R	L
4.999	5.004	.625	01 R 500 348 10	A87245	01 R	L	6.251	6.256	.563	01 R 616 416 09	A56065	01 R	L
3.875" (3-7/8") SHAFT							4.375" (4-3/8") SHAFT						
4.751	4.756	.625	01 R 448 356 10	A56171	01 R	L	5.251	5.256	.453	02 R 516 424 07.25	A87261	02 R	L
4.876	4.881	.625	06 DW 456 356 10	A81021	06 DW	LL	6.002	6.007	.563	02 RM 600 424 09	A87262S	02 RM	S
4.876	4.881	.625	05 RS 456 356 10	A56177S	05 RS	S	6.002	6.007	.563	04 RMS 600 424 09	A87263S	04 RMS	S
4.999	5.004	.469	01 R 500 356 07.5	A56039	01 R	L	6.065	6.071	.625	99 RS 604A 424 10	A46509S	99 RS *	S
4.999	5.004	.469	01 TK 500 356 07.5	A87246S	01 TK	S	6.251	6.256	.563	01 R 616 424 09	A56067	01 R	L
4.999	5.004	.469	02 TK 500 356 07.5	A87247S	02 TK	S	6.252	6.257	.625	01 R 616A 424 10	A56469	01 R	L
5.126	5.131	.625	01 R 508 356 10	A56416	01 R	L	4.500" (4-1/2") SHAFT						
5.251	5.256	.469	01 R 516 356 07.5	A56142	01 R	L	5.501	5.506	.500	06 BRWS 532 432 08	A46477S	06 BRWS	S
5.691	5.696	.750	01 R 544 356 12	A56434	01 R	L	5.501	5.506	.500	05 BRW 532 432 08	A87266S	05 BRW	S

* For definition of code letters, see Page 11.

*Special Construction Contact Factory for Further Information.

SELECTION BY SHAFT SIZE

BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.	BORE DIA.	SEAL O.D.	WIDTH	INDUSTRIAL O.E.M. NO.	REPLACE-MENT NO.	SEAL TYPE	LIP MATL.
4.500" (4-1/2") SHAFT - CONT.							5.375" (5-3/8") SHAFT						
5.501	5.506	.563	01 R 532 432 09	A56190	01 R	L	6.500	6.506	.625	01 R 632 524 10	A56372	01 R	L
5.501	5.506	.625	01 R 532 432 10	A87267	01 R	L	5.500" (5-1/2") SHAFT						
5.749	5.754	1.219	99 G 548A 432 19.5	A46549	99 G *	L	6.312	6.318	1.250	99 GRSW 620 532X 20	A46634S	99 GRSW*	S
5.751	5.756	.563	01 R 548 432 09	A56055	01 R	L	6.500	6.506	1.125	99 GRSW 632 532X 18	A46635S	99 GRSW*	S
6.253	6.258	.563	01 R 616B 432 09	A56069	01 R	L	6.500	6.506	.625	01 R 632 532 10	A56254	01 R	L
4.562" (4-9/16") SHAFT							6.751	6.757	.625	01 R 648 532 10	A56080	01 R	L
6.251	6.256	.563	01 R 616 436 09	A56070	01 R	L	7.000	7.006	1.250	99 TKW 700 532X 20	A46800S	99 TKW *	S
4.625" (4-5/8") SHAFT							5.750" (5-3/4") SHAFT						
5.751	5.756	.563	01 R 548 440 09	A56057	01 R	L	6.375	6.381	.375	02 TUW 624 548 06	A87281	02 TUW	U
6.251	6.256	.563	01 R 616 440 09	A56071	01 R	L	7.000	7.006	.938	01 DT 700 548 15	A74019	01 DT	LL
4.687" (4-11/16") SHAFT							5.875" (5-7/8") SHAFT						
5.751	5.756	.563	01 R 548 444 09	A56337	01 R	L	7.125	7.131	.625	01 R 708 556 10	A56082	01 R	L
5.751	5.756	.563	05 RS 548 444 09	A56337S	05 RS	S	6.000" (6") SHAFT						
5.751	5.756	.750	03 DOS 548 444 12C	A46338P	03 DOS	PP	7.500	7.508	.563	01 R 732 600 09	A56079	01 R	L
6.002	6.007	.250	01 WS 600 444 04	A75016S	01 WS	S	7.500	7.506	.750	01 R 732 600 12	A87282	01 R	L
4.750" (4-3/4") SHAFT							6.250" (6-1/4") SHAFT						
5.751	5.756	.563	01 R 548 448 09	A56059	01 R	L	7.000	7.006	.500	01 R 700 616 08	A87283	01 R	L
6.001	6.006	.625	01 R 600A 448 10	A56202	01 R	L	6.375" (6-3/8") SHAFT						
6.002		.500	01 E 600 448 08	A73029	01 E	LL	7.877	7.883	.750	02 R 756 624 12	A56111	02 R	L
6.002	6.007	.813	06 DW 600 448 13	A87268	06 DW	LL	6.500" (6-1/2") SHAFT						
4.875" (4-7/8") SHAFT							7.500	7.506	.438	01 R 732 632 07	A56270	01 R	L
5.751	5.756	.500	01 T 548 456 08	A87269S	01 T	S	8.000	8.009	.750	01 R 800 632 12	A56112	01 R	L
5.751	5.756	.500	02 T 548 456 08	A87270S	02 T	S	8.000	8.007	1.000	03 DW 800 632 16	A51033	03 DW	LL
6.002	6.007	.563	01 BR 600 456 09	A87271S	01 BR	S	6.875" (6-7/8") SHAFT						
6.002	6.007	.563	03 BRS 600 456 09	A56096S	03 BRS	S	8.377	8.384	.750	02 R 824 656 12	A56115	02 R	L
6.002	6.007	.625	01 R 600 456 10	A56096	01 R	L	7.000" (7") SHAFT						
6.127	6.132	.625	01 R 608 456 10	A56205	01 R	L	8.502	8.509	.875	05 DW 832 700 14	A52059	05 DW	LL
4.937" (4-15/16") SHAFT							8.000" (8") SHAFT						
5.751	5.756	.438	02 R 548 460 07	A87272	02 R	L	10.000	10.008	.906	05 DW 1000 800 14.5	A52064	05 DW	LL
6.002	6.007	.625	01 R 600 460 10	A56204	01 R	L	10.002	10.009	.750	02 R 1000A 800 12	A56123	02 R	L
6.251	6.256	.563	01 R 616 460 09	A56076	01 R	L	8.500" (8-1/2") SHAFT						
5.000" (5") SHAFT							10.000	10.008	1.000	01 R 1000 832 16	A87284	01 R	L
6.002	6.007	.813	99 BR50 600 500 13	A87274S	99 BR50*	S	8.750" (8-3/4") SHAFT						
6.002	6.007	.813	03 DW 600 500 13	A87275	03 DW	LL	9.500	9.508	.250	01 BR 932 848 04	A46854S	01 BR	S
6.251	6.256	.250	01 W 616 500 04	A87276	01 W	L	9.500	9.508	.250	03 BRS 932 848 04	A87285S	03 BRS	S
6.251	6.256	.563	01 R 616 500 09	A56077	01 R	L	9.250" (9-1/4") SHAFT						
6.251	6.256	.625	01 R 616 500 10	A56263	01 R	L	12.750	12.758	1.250	05 DW 1248 916 20	A52094	05 DW	LL
6.251	6.256	.875	05 DW 616 500 14	A52057	05 DW	LL	9.375" (9-3/8") SHAFT						
6.251	6.256	.875	35 DWS 616 500 14	A87277S	35 DWS	SS	11.377	11.385	1.000	02 R 1124 924 16	A56208	02 R	L
6.500	6.507	.625	01 R 632 500 10	A56336	01 R	L	11.500" (11-1/2") SHAFT						
5.062" (5-1/16") SHAFT							12.250" (12-1/4") SHAFT						
6.198	6.204	.641	01 R 613A 504 10.25	A87278	01 R	L	14.252	14.260	1.016	01 TKW 1416 1216 16.25	A65690S	01 TKW	S
6.310	6.317	1.250	99 R 620A 504 20	A46847	99 R *	L	14.252	14.260	1.016	02 TKW 1416 1216 16.25	A87286S	02 TKW	S
7.000	7.006	1.250	99 R 700 504 20	A46848	99 R *	L	9.375" (9-3/8") SHAFT						
5.125" (5-1/8") SHAFT							11.500" (11-1/2") SHAFT						
6.251	6.256	.563	02 R 616 508 09	A56477	02 R	L	13.000	13.008	.750	02 R 1300 1132 12	A56084	02 R	L
6.251	6.256	.688	06 DW 616 508 11	A87279	06 DW	LL	13.502	13.510	.750	02 R 1332 1132 12	A56083	02 R	L
5.250" (5-1/4") SHAFT							12.250" (12-1/4") SHAFT						
6.251	6.256	.438	01 R 616 516 07	A56368	01 R	L	9.375" (9-3/8") SHAFT						
6.251	6.256	.563	01 R 616 516 09	A46651	01 R	L	11.500" (11-1/2") SHAFT						
6.500	6.506	.625	01 R 632 516 10	A56105	01 R	L	12.250" (12-1/4") SHAFT						

• For definition of code letters, see Page 11.

*Special Construction Contact Factory for Further Information.