


















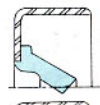
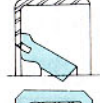
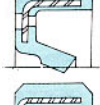
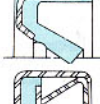
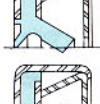
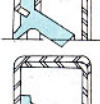
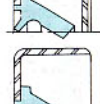
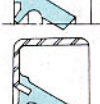
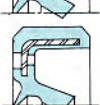

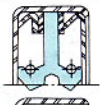
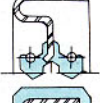
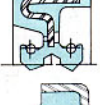
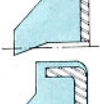
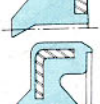
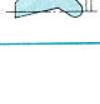

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER




















SHAFT	BORE	HEIGHT	TYPE	CODE-NO	STANDARD DESIGNS
1.3750	2.6250	0.5	TC	BFE24HZ32	 VB
1.4375	2.0000	0.3125	SC	AFE28ZZ20	
	2.0060	0.1875	TC	BFE28PL12	 VB1
	2.0625	0.3125	SC	AFE28ZH20	
	2.0660	0.3125	SC	AFE28PZ20	 VC
1.4688	2.1250	0.25	SC	AFE28ZB16	
	2.0625	0.3125	TC	BFE30ZH20	
	2.0625	0.5	SC	AFE20ZH32	 VC1
	2.0625	0.5	TC	BFE30ZH32	
1.5000	2.0660	0.5	TC	BFEP4LL32	 KA
	1.8750	0.1875	VB	CDE32UL12	
	1.8750	0.25	SC	AFE32UL16	 KA1
	2.0000	0.25	SB	ADE32ZZ16	
	2.0000	0.25	SC	AFE32ZZ16	 KA2
	2.0004	0.25	SB	ADE32ZP16	
	2.0625	0.219	VCY	VYE32ZH14	 KB
	2.0625	0.25	SC	AFE32ZH16	
	2.1290	0.375	TB	BDE32ZB24	 KB1
	2.2500	0.3125	SC	AFE32EL20	
	2.2500	0.375	SB	ADE32EL24	 KC
	2.2500	0.375	SC	AFE32EL24	
	2.2500	0.375	TC	BFE32EL24	 KC1
	2.2500	0.5	SC	AFE32EL32	
	2.3280	0.3125	SC	AFE32PS20	 DA
	2.3750	0.25	SC	AFE32RH16	
	2.3750	0.375	VCY	VYE32RH24	 DB
	2.3750	0.375	TC	BFE32RH24	
	2.3750	0.5	SC	AFE32RH32	 DC
	2.3750	0.5625	TB	BDE32RH36	
	2.3780	0.5	TC	BFE32RH32	 470
	2.5000	0.3125	SC	AFE32SR20	
	2.5000	0.375	SB	ADE32SR24	 420
	2.5000	0.375	SC	AFE32SR24	
	2.5000	0.375	TC	BFE32SR24	 380
	2.5000	0.5	SC	AFE32SR32	
	2.5060	0.375	TC	BFE32PU24	
	2.8750	0.4375	SC	AFE32UL28	
1.5625	2.6875	0.375	TC	BFE36HH24	
	2.1250	0.4375	SC	AFE36ZB28	
	2.3125	0.375	SC	AFE36RZ24	
	2.3260	0.375	TC	BFE31PS24	
	2.3750	0.375	SC	AFE36RH24	
	2.5000	0.5	SC	AFE36SR32	
	2.6875	0.375	SC	AFE36HH24	
	2.6875	0.5	SC	AFE36HH32	
	2.6970	0.375	SC	AFE36LG24	
1.6250	1.9375	0.25	TB	BDE40LZ16	
	2.1250	0.1875	SB	ADE40ZB12	
	2.1250	0.25	SB	ADE40ZB16	
	2.1875	0.2813	SC	AFE40ER18	
	2.1875	0.375	SC	AFE40ER24	
	2.2500	0.3125	SC	AFE40EL20	
	2.3750	0.3125	SC	AFE40RH20	
	2.3750	0.375	SC	AFE40RH24	

STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA	1.6250	2.3750	0.375	TC	BFE40RH24
		2.5000	0.3125	SC	AFE40SR20
SA1	1.6250	2.5000	0.4688	SC	AFE40SR30
		2.5000	0.5	SC	AFE40SR32
		2.6250	0.4375	TB	BDE40HZ28
SA2	1.6250	2.6250	0.5	SB	ADE40HZ32
		2.6250	0.5	SC	AFE40HZ32
SA2	1.6560	2.7500	0.5	SC	AFE40HB32
		2.8750	0.6250	DC	EFE40UL40
SB	1.6875	2.6330	0.394	TCY	BYE42HE25
		2.5000	0.375	SC	AFE44SR24
SB1	1.7500	2.6250	0.5	TB	BDE44HZ32
		2.6875	0.5	SC	AFE44HH32
		2.1250	0.1875	VCY	VYE48ZB12
SB1	1.7500	2.1875	0.5	SC	AFE48ER32
		2.2500	0.3125	SC	AFE48EL20
		2.2500	0.375	SC	AFE48EL24
SC	1.7500	2.2500	0.5	TB	BDE48EL32
		2.3125	0.25	SC	AFE48RZ16
		2.3750	0.25	SB	ADE48RH16
SC1	1.7500	2.3750	0.375	SC	AFE48RH24
		2.3750	0.375	TC	BFE48RH24
TA	1.7500	2.3750	0.5	SC	AFE48RH32
		2.3750	0.625	SC	AFE48RH40
		2.3800	0.5	TC	BFE48PS32
TA1	1.7500	2.4130	0.394	HTB	BDE48RC25
		2.4375	0.375	SC	AFE48RB24
TA1	1.7500	2.4410	0.312	TB	BDE48PHP3
		2.5000	0.3125	SC	AFE48SR20
TA2	1.7500	2.5000	0.375	SB	ADE48SR24
		2.5000	0.3750	DC	EFE48SR24
TB	1.7500	2.5000	0.375	SC	AFE48SR24
		2.5000	0.5	SC	AFE48SR32
		2.5000	0.5	TB	BDE48SR32
TB1	1.7500	2.5050	0.5	TB	BDE48PU32
		2.7500	0.375	SC	AFE48HB24
TB1	1.7500	2.7500	0.5	SC	AFE48HB32
		2.7500	0.5	SC	AFE48HB32
		2.7500	0.5	TB	BDE48HB32
TC	1.7500	2.7540	0.5	TC	BFE48PC32
		2.8750	0.375	SC	AFE48UL24
TC1	1.7500	2.8750	0.5	SC	AFE48UL32
		2.8750	0.5	SC	AFE48UL32
		2.8750	0.5	TC	BFE48UL32
AV	1.7620	2.8850	0.5	TC	BFE48PB32
		3.1875	0.5	SC	AFE48ER32
VA1	1.7656	2.4160	0.375	TB	BDEP7PS24
		2.4219	0.375	SC	AFE49RC24
VA1	1.7810	2.2580	0.375	TC	BFEP7EL24
		1.8125	2.3750	0.25	SC
VA2	1.8200	2.5000	0.375	SC	AFE52SR24
		2.6406	0.4375	SC	AFE52HE28
		2.7188	0.2813	SC	AFE52HL18
		2.6250	0.375	SC	AFE82HZ24

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER

STANDARD DESIGNS

SHAFT	BORE	HEIGHT	TYPE	CODE-NO	STANDARD DESIGNS
1.8500	2.3750	0.25	SC	AFE85RH16	 VB
1.8750	2.2500	0.3125	SB	ADE56EL20	
	2.3750	0.25	SC	AFE56RH16	 VB1
	2.3970	0.25	SC	AFE56PH16	
	2.5000	0.3125	SC	AFE56SR20	 VC
	2.5000	0.375	SC	AFE56SR24	
	2.5000	0.5	SC	AFE56SR32	 VC1
	2.6250	0.375	SB	ADE56HZ24	
	2.6250	0.375	SC	AFE56HZ24	 KA
	2.6250	0.4531	SC	AFE56HZ29	
	2.7500	0.375	SC	AFE56HB24	 KA1
	2.7500	0.375	TC	BFE56HB24	
	2.7500	0.5	SC	AFE56HB32	 KA2
	2.7812	0.5313	TC	BFE56UZ34	
	2.8750	0.375	SC	AFE56UL24	 KB
	2.8750	0.375	TC	BFE56UL24	
	2.8750	0.5	SC	AFE56UL32	 KB1
	2.8850	0.375	SC	AFE56BB24	
	3.0000	0.5	SC	AFE56ZZ32	 KC
	3.1250	0.5	TC	BFE56ZB32	
	3.1875	0.5	SC	AFE56ER32	 KC1
1.8900	2.4460	0.312	TCY	BYE57RG20	
1.9375	2.5000	0.3125	SB	ADE60SR20	 DA
	2.5000	0.375	SC	AFE60SR24	
	2.5625	0.375	SB	ADE60SL24	 DB
	2.7500	0.375	SC	AFE60HB24	
	2.7540	0.375	TC	BFE60PC24	 DC
	3.1250	0.5	SC	AFE60ZB32	
2.0000	1.3750	0.3125	SB	ADR00RH20	 470
	2.3750	0.1875	VB	CDR00RH12	
	2.3750	0.25	VB	CDR00RH16	 420
	2.5625	0.5	SC	AFR00SL32	
	2.6230	0.613	TB	BDR00HZP6	 380
	2.6250	0.3125	TB	BDR00HZ20	
	2.6875	0.5	SC	AFR00HH32	
	2.7500	0.25	SC	AFR00HB16	
	2.7500	0.25	TC	BFR00HB16	
	2.7500	0.375	SB	ADR00HB24	
	2.7500	0.375	SC	AFR00HB24	
	2.7500	0.5	SC	AFR00HB32	
	2.7500	0.5	TC	BFR00HB32	
	2.7590	0.5	SC	AFR00CU32	
	2.7600	0.375	SC	AFR00CL24	
	2.8750	0.375	SB	ADR00UL24	
	2.8750	0.375	SC	AFR00UL24	
	2.8750	0.5	SC	AFR00UL32	
	2.8750	0.5	TC	BFR00UL32	
	2.8850	0.5	TC	BFR00PB32	
	3.0000	0.375	SC	AFR00ZZ24	
	3.0000	0.5	DC	EFR00ZZ32	
	3.0000	0.5	SC	AFR00ZZ32	
	3.0625	0.5	TC	BFR00ZH32	
2.0625	2.8750	0.375	SC	AFR04UL24	
	2.9375	0.3438	SC	AFR04LZ22	

STANDARD DESIGNS		OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
		SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA		2.0625	2.9375	0.3438	TC	BFR04LZ22
			3.0000	0.375	SC	AFR04ZZ24
SA1		2.1250	2.6920	0.3125	SC	AFR08LG20
			2.8750	0.375	SC	AFR08UL24
SA2			2.8750	0.4375	SC	AFR08UL28
			2.8750	0.5	SC	AFR08UL32
SB			3.0000	0.375	SC	AFR08ZZ24
			3.0000	0.5	SC	AFR08ZZ32
SB1			3.0000	0.5	TC	BFR08ZZ32
			3.1875	0.375	TB	BDR08ER24
SC			3.2500	0.5	SC	AFR08EL32
			3.2500	0.577	SC	AFR08ELP5
SC1		2.1800	3.1940	0.698	TC	BFRP1PRP6
		2.1875	3.0000	0.375	SC	AFR12ZZ24
TA		2.2343	3.1300	0.3583	SB	ADR15ZG23
		2.2400	3.1940	0.646	TB	BDR16PRP6
TA1		2.2500	3.0000	0.375	SC	AFR16ZZ24
			3.0000	0.5	SC	AFR16ZZ32
TA2			3.0000	0.5	TC	BFR16ZZ32
			3.1250	0.5	SC	AFR16ZB32
TB			3.2500	0.2813	SC	AFR16EL18
			3.2500	0.5	SC	AFR16EL32
TB1			3.2500	0.5	SC	AFR16SR32
			3.3750	0.5	SC	AFR16RH32
TC		2.3125	3.0050	0.5	SA2	ACR20ZZ32
			3.0625	0.375	SC	AFR20ZH24
TC1			3.1250	0.375	SC	AFR20ZB24
			3.1620	0.5	SC	AFR20PE32
TA2			3.3438	0.3125	SB	ADR20RR20
			3.3550	0.3125	SB	ADR20RS20
TB			3.3550	0.3125	TC	BFR20PS20
		2.3300	3.0050	0.375	SB	ADR21ZZ24
TB1		2.3750	2.8750	0.2080	VCY	VYR24UL13
			2.8750	0.375	SC	AFR24UL24
TC			3.0000	0.375	SB	ADR24ZZ24
			3.0130	0.437	SB	ADR24ZE28
TA2			3.1250	0.375	SC	AFR24ZB24
			3.1250	0.375	TC	BFR24ZB24
TB			3.2560	0.4	SB	ADR24EL26
			3.3750	0.3125	SC	AFR24RH20
TB1			3.3750	0.375	OC	OCR24RH24
			3.3750	0.5	SC	AFR24RH32
TC			3.3750	0.5	SC	AFR24RH32
			3.6250	0.4375	SC	BFR24RH32
TC1			3.7500	0.9	SC	AFR24HZ28
			3.7500	0.9	SC	AFR24HB90
TA2		2.4375	3.0625	0.5	SC	AFR28ZH32
			3.2500	0.375	SC	AFR28EL24
TB			3.2610	0.375	SC	AFR28PR24
			3.0000	0.375	TC	BFR32ZZ24
TB1		2.5000	3.0000	1.5	SC	AFR32ZZ32
			3.0000	0.375	TC	BFR32ZZ32
TC			3.2500	0.375	TB	BDR32EL24
			3.2500	0.375	SC	AFR32EL24
TA2			3.2500	0.375	SC	AFR32EL32
			3.2500	0.5	SC	AFR32EL32
TB			3.3750	0.5	DC	EFR32RH32
			3.3750	0.5	DC	EFR32RH32

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER

STANDARD  
DESIGNS

SHAFT	BORE	HEIGHT	TYPE	CODE-NO			
2.5000	3.3750	0.5	SC	AFR32RH32		VB	
	3.5000	0.375	SC	AFR32SR24			
	3.5000	0.5	DC	EFR32SR32		VB1	
	3.5000	0.5	SC	AFR32SR32			
	3.5000	0.5	TC	BFR32SR32		VC	
	3.5000	0.75	TB	BDR32SR48			
	3.5469	0.4688	TC	BFR32SU30		VC1	
	3.5530	0.4688	TC	BFR32PU30			
	3.6250	0.4688	SC	AFR32HZ30		KA	
	3.7500	0.5	SC	AFR32HB32			
2.5625	3.3750	0.375	SC	AFR36RH24		KA1	
	3.5000	0.5	TC	BFR36SR32			
	3.6250	0.5625	TC	BFR36HZ36	VC1		
2.6250	3.3750	0.375	SC	AFR40RH24		KA2	
	3.5000	0.5	SC	AFR40SR32			
	3.5000	0.5	TC	BFR40SR32		KB	
	3.5000	0.5313	TB	BDR40SR34			
2.6875	3.7500	0.5	SC	AFR40HB32		KB1	
	4.0000	0.5	TC	BFR40ZZ32			
	2.7500	3.7500	0.5	SC	AFR44HB32		KC
		3.3750	0.5	TC	BFR48RH32		
	2.7500	3.5000	0.375	SC	AFR48SR24		KC1
		3.5000	0.375	TC	BFR48SR24		
		3.5000	0.5	TC	BFR48SR32		DA
		3.6250	0.4375	SA2	ACR48HZ28		
		3.7500	0.3125	SC	AFR48HB20		DB
		3.7500	0.5	SC	AFR48HB32		
3.7500		0.625	TB	BDR48HB40		DC	
3.8750		0.4375	SC	AFR48UL28			
3.8750		0.5	TC	BFR48UL32		470	
4.0000		0.5	SC	AFR48ZZ32			
2.8125	3.6250	0.375	SC	AFR52HZ24		420	
	3.6360	0.375	SC	AFR52PL24			
2.8725	3.6250	0.375	TC	BFR52HZ24		380	
	2.8750	3.3750	0.1875	SC			AFR56RH12
2.9000	3.3750	0.25	VB	CDR56RH12		420	
	3.6250	0.3125	SC	AFR56HZ20			
	3.6250	0.375	SC	AFR56HZ24		380	
	3.7500	0.4688	SC	AFR56HB30			
	4.0000	0.5	SC	AFR56ZZ32		470	
	4.0000	0.5625	SC	AFR56ZZ36			
	2.9375	3.9620	0.415	TC	BFRP9PGP4		420
		3.7500	0.375	SC	AFR60HB24		
	2.9375	3.7500	0.375	TC	BFR60HB24		380
		3.7500	0.375	SC	AFS00HB24		
3.0000	3.7500	0.375	SC	AFS00HB24		470	
	3.7500	0.5	SC	AFS00HB32			
	3.7610	0.375	SC	AFS00CL24		420	
	4.0000	0.25	SC	AFS00ZZ16			
	4.0000	0.5	SB	ADS00ZZ32		380	
	4.0000	0.5	SC	AFS00ZZ32			
	4.0000	0.5	TC	BFS00ZZ32		380	
	4.1250	0.5625	TC	BFS00ZB36			
	4.2500	0.5	TC	BFS00SR32		380	
	4.5000	0.4375	SC	AFS00SR28			