



























































STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER					
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
SA	72.00	105.00	13.0	TA2	BC072ZU13	
		110.00	12.0	TC	BF072EZ12	
SA1	73.00	95.00	10.0	SC	AF073GU10	
		74.00	98.00	12.0	TC	BF074GB12
SA2	75.00	90.00	8.0	SC	AF075GZ08	
		90.00	10.0	SC	AF075GZ10	
SB		90.00	12.0	SC	AF075GZ12	
		95.00	10.0	SB	AD075GU10	
SB1		95.00	10.0	SC	AF075GU10	
		95.00	10.0	TC	BF075GU10	
SB2		95.00	12.0	BASC	BS075GU12	
		95.00	12.0	TC	BF075GU12	
SC		95.00	14.0	DC	EF075GU14	
		100.00	10.0	SA	AA075ZZ10	
SC1		100.00	10.0	SC	AF075ZZ10	
		100.00	10.0	TC	BF075ZZ10	
TA		100.00	12.0	TB	BD075ZZ12	
		100.00	12.0	TC	BF075ZZ12	
TA1		100.00	13.0	HTC	HBF75ZZ13	
		100.00	13.0	SB	AD075ZZ13	
TA2		100.00	13.0	TA2	BC075ZZ13	
		100.00	13.0	SC	AF075ZZ13	
TB		100.00	13.0	TB	BD075ZZ13	
		100.00	13.0	TC	BF075ZZ13	
TB1		106.00	14.0	SA	AA075ZL14	
		110.00	12.0	SC	AF075EZ12	
TB2		115.00	13.0	TA2	BC075EU13	
		125.00	12.0	SC	AF075RU12	
TC		125.00	12.0	TC	BF075RU12	
		76.00	96.00	10.0	SA	AA076GL10
TC1		78.50	120.00	13.0	SC	AF78HRZ13
		79.00	120.00	13.0	TB	BD079RZ13
TA2		120.00	13.0	TC	BF079RZ13	
		80.00	95.00	8.0	SC	AF080GU08
TB		100.00	10.0	DC	EF080ZZ10	
		100.00	10.0	SA2	AC080ZZ10	
TB1		100.00	10.0	TA2	BC080ZZ10	
		100.00	10.0	SC	AF080ZZ10	
TB2		100.00	10.0	TC	BF080ZZ10	
		100.00	10.0	TC	BF080ZZ10	
TC		100.00	12.0	HTC	HBF80ZZ12	
		100.00	12.0	SB	AD080ZZ12	
TC1		100.00	12.0	SA2	AC080ZZ12	
		100.00	12.0	TA2	BC080ZZ12	
AV		100.00	12.0	SC	AF080ZZ12	
		100.00	12.0	TC	BF080ZZ12	
VA1		100.00	13.0	SC	AF080ZZ13	
		100.00	13.0	TC	BF080ZZ13	
VA2		105.00	13.0	TB	BD080ZU13	
		105.00	13.0	TC	BF080ZU13	
VA1		106.00	14.0	SA	AA080ZL14	
		110.00	10.0	SC	AF080EZ10	
VA2		110.00	10.0	TC	BF080EZ10	
		110.00	12.0	SC	AF080EZ12	


















OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER

STANDARD
DESIGNS

SHAFT	BORE	HEIGHT	TYPE	CODE-NO	STANDARD DESIGNS
80.00	110.00	12.0	TC	BF080EZ12	 VB
	110.00	13.0	SB	AD080EZ13	
	110.00	13.0	SC	AF080EZ13	 VB1
	115.00	10.0	SC	AF080EU10	
	120.00	12.0	SC	AF080RZ12	
	120.00	13.0	SC	AF080RZ13	
81.00	100.00	13.0	SA2	AC081ZZ13	 VC
	82.00	100.00	SA2	AC082ZZ13	
82.50	105.00	12.0	SC	AF080ZU12	 VC1
	85.00	100.00	SB	AD82HZC13	
85.00	100.00	9.0	SB	AD085ZZ09	 KA
	100.00	13.0	SC	AF085ZZ13	
85.00	105.00	10.0	SB	AD085ZU10	 KA1
	105.00	10.0	TC	BF085ZU10	
85.00	105.00	12.0	SC	AF085ZU12	 KA2
	105.00	12.0	TC	BF085ZU12	
85.00	105.00	13.0	SB	AD085ZU13	 KB
	105.00	13.0	SC	AF085ZU13	
85.00	105.00	13.0	TC	BF085ZU13	 KB1
	110.00	10.0	TC	BF085EZ10	
85.00	110.00	12.0	SC	AF085EZ12	 KC
	110.00	12.0	TC	BF085EZ12	
85.00	110.00	13.0	TC	BF085EZ13	 KC1
	115.00	13.0	TB	BD085EU13	
85.00	120.00	12.0	TC	BF085RZ12	 DA
	125.00	13.0	SA2	AC085RU13	
85.00	130.00	12.0	SC	AF085SZ12	 DB
	130.00	12.0	TC	BF085SZ12	
85.00	150.00	12.0	SC	AF085UZ12	 DC
	150.00	12.0	TC	BF085UZ12	
87.17	117.47	11.9	OC	OC087EC12	 470
	88.00	110.00	TA2	BC088EZ13	
88.90	120.70	13.0	TC	BF088RZ13	 420
	90.00	120.70	TC	BF88GRZ14	
90.00	100.00	8.0	SB	AD090ZZ08	 380
	110.00	10.0	SC	AF090EZ10	
90.00	110.00	12.0	SC	AF090EZ12	 380
	110.00	12.0	TC	BF090EZ12	
90.00	110.00	13.0	SC	AF090EZ13	 380
	110.00	13.0	TB	BD090EZ13	
90.00	110.00	13.0	TC	BF090EZ13	 380
	110.00	15.0	HTC3	HBS90EZ15	
90.00	110.00	15.0	TC	BF090EZ15	380
	115.00	9.0	SC	AF090EU09	
90.00	115.00	10.0	SC	AF090EU10	380
	115.00	13.0	SC	AF090EU13	
90.00	115.00	13.0	TC	BF090EU13	380
	120.00	12.0	TC	BF090RZ12	
90.00	120.00	13.0	TC	BF090RZ13	380
	125.00	13.0	SA2	AC085RU13	
90.00	130.00	13.0	SB	AD090SZ13	380
	133.00	14.0	SA	AA090SS14	
92.00	110.00	10.0	HSC	AF092EZ10	380

STANDARD DESIGNS		OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
		SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA		92.00	120.00	13.0	SC	AF092RZ13
		95.00	110.00	7.0	SB	AD095EZ07
SA1			110.00	9.0	SB	AD095EZ09
			110.00	11.0	TC	BF095EZ11
SA2			112.00	12.0	TC	BF095ER12
			115.00	12.0	TC	BF095EU12
SB			115.00	13.0	SB	AD095EU13
			115.00	13.0	SC	AF095EU13
SB1			115.00	13.0	TA2	BC095EU13
			120.00	12.0	SC	AF095RZ12
SC			120.00	13.0	TA2	BC095RZ13
			120.00	13.0	SC	AF095RZ13
SC1			120.00	13.0	TC	BF095RZ13
			120.00	13.0	TC	BF095RZ13
TA			125.00	12.0	SC	AF095RU12
			125.00	13.0	SC	AF095RU13
TA1			145.00	13.0	SC	AF095HU13
			145.00	13.0	TC	BF095HU13
TA2			100.00	10.0	SA2	AC100RZ10
			120.00	10.0	SC	AF100RZ10
TB			120.00	11.0	TC	BF100RZ11
			120.00	12.0	SA2	AC100RZ12
TB1			120.00	12.0	SB	AD100RZ12
			120.00	12.0	TA2	BC100RZ12
TC			120.00	12.0	SC	AF100RZ12
			120.00	13.0	TC	BF100RZ12
TC1			120.00	13.0	DC	EF100RZ13
			120.00	13.0	SC	AF100RZ13
TA2			120.00	13.0	TA2	BC100RZ13
			120.00	13.0	TC	BF100RZ13
TB			125.00	12.0	SC	AF100RU12
			125.00	13.0	TC	BF100RU13
TB1			130.00	12.0	DC	EF100SZ12
			130.00	12.0	SC	AF100SZ12
TC			130.00	12.0	TC	BF100SZ12
			140.00	13.0	SC	AF100HZ13
TC1			150.00	13.0	DB	ED100UZ13
			160.00	14.0	SC	AF100LZ14
AV			160.00	14.0	TC	BF100LZ14
			180.00	12.0	SC	AF100BZ12
VA1			180.00	12.0	TC	BF100BZ12
			130.00	15/33	TB	BD104SZSH
VA2			104.00	13.0	TA2	BC105RU13
			105.00	13.0	TC	BF105RU13
VA1			125.00	12.0	SC	AF105SZ12
			130.00	12.0	TC	BF105SZ12
VA2			135.00	14.0	SC	AF105SU14
			140.00	13.0	TC	BF105HZ13
VA1			110.00	13.0	SA2	AC110RU13
			128.00	9.0	TC	BF110RB09
VA2			130.00	8.0	SC	AF110SZ08
			130.00	12.0	SB	AD110SZ12
VA2			130.00	12.0	SC	AF110SZ12
			130.00	12.0	TC	BF110SZ12

STANDARD DESIGNS		OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
		SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA		92.00	120.00	13.0	SC	AF092RZ13
		95.00	110.00	7.0	SB	AD095EZ07
SA1			110.00	9.0	SB	AD095EZ09
			110.00	11.0	TC	BF095EZ11
SA2			112.00	12.0	TC	BF095ER12
			115.00	12.0	TC	BF095EU12
SB			115.00	13.0	SB	AD095EU13
			115.00	13.0	SC	AF095EU13
SB1			115.00	13.0	TA2	BC095EU13
			120.00	12.0	SC	AF095RZ12
SC			120.00	13.0	TA2	BC095RZ13
			120.00	13.0	SC	AF095RZ13
SC1			120.00	13.0	TC	BF095RZ13
			120.00	13.0	TC	BF095RZ13
TA			125.00	12.0	SC	AF095RU12
			125.00	13.0	SC	AF095RU13
TA1			145.00	13.0	SC	AF095HU13
			145.00	13.0	TC	BF095HU13
TA2			100.00	10.0	SA2	AC100RZ10
			120.00	10.0	SC	AF100RZ10
TB			120.00	11.0	TC	BF100RZ11
			120.00	12.0	SA2	AC100RZ12
TB1			120.00	12.0	SB	AD100RZ12
			120.00	12.0	TA2	BC100RZ12
TC			120.00	12.0	SC	AF100RZ12
			120.00	13.0	TC	BF100RZ12
TC1			120.00	13.0	DC	EF100RZ13
			120.00	13.0	SC	AF100RZ13
TA2			120.00	13.0	TA2	BC100RZ13
			120.00	13.0	TC	BF100RZ13
TB			125.00	12.0	SC	AF100RU12
			125.00	13.0	TC	BF100RU13
TB1			130.00	12.0	DC	EF100SZ12
			130.00	12.0	SC	AF100SZ12
TC			130.00	12.0	TC	BF100SZ12
			140.00	13.0	SC	AF100HZ13
TC1			150.00	13.0	DB	ED100UZ13
			160.00	14.0	SC	AF100LZ14
AV			160.00	14.0	TC	BF100LZ14
			180.00	12.0	SC	AF100BZ12
VA1			180.00	12.0	TC	BF100BZ12
			130.00	15/33	TB	BD104SZSH
VA2			104.00	13.0	TA2	BC105RU13
			105.00	13.0	TC	BF105RU13
VA1			125.00	12.0	SC	AF105SZ12
			130.00	12.0	TC	BF105SZ12
VA2			135.00	14.0	SC	AF105SU14
			140.00	13.0	TC	BF105HZ13
VA1			110.00	13.0	SA2	AC110RU13
			128.00	9.0	TC	BF110RB09
VA2			130.00	8.0	SC	AF110SZ08
			130.00	12.0	SB	AD110SZ12
VA2			130.00	12.0	SC	AF110SZ12
			130.00	12.0	TC	BF110SZ12

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS	
SHAFT	BORE	HEIGHT	TYPE	CODE-NO		
110.00	132.00	12.0	SB	AD110SR12	 VB	
	140.00	12.0	SB	AD110HZ12		
	140.00	13.0	TA2	BC110HZ13	 VB1	
	140.00	14.0	TC	BF110HZ14		
	150.00	13.0	DB	ED110UZ13	 VC	
	150.00	13.0	SA2	AC110UZ13		
	150.00	13.0	SC	AF110UZ13	 VC1	
	150.00	15.0	SC	AF110UZ15		
	200.00	13.0	SC	AF110ZZ13	 KA	
	200.00	13.0	TC	BF110ZZ13		
113.00	160.00	12.0	SA2	AC113LZ12	 KA1	
115.00	140.00	12.0	SC	AF115HZ12		
	140.00	12.0	TC	BF115HZ12		
118.00	140.00	13.0	TC	BF115HZ13	 KA2	
	140.00	16.0	SC	AF115HZ16		
120.00	140.00	13.0	SC	AF118HZ13	 KB	
	152.00	14.6	TC	BF118UR14		
120.00	140.00	12.0	TB	BD120HZ12	 KB1	
	140.00	13.0	SA2	AC120HZ13		
	140.00	13.0	TA2	BC120HZ13	 KC	
	140.00	13.0	SC	AF120HZ13		
	140.00	15.0	TB	BD120HZ15	 KC1	
	145.00	13.0	TA2	BC120HU13		
	145.00	15.0	SA	AA120HU15	 DA	
	145.00	15.0	SA2	AC120HU15		
	150.00	12.0	SC	AF120UZ12	 DB	
	150.00	13.0	SA	AA120UZ13		
	150.00	14.0	TC	BF120UZ14	 DC	
	150.00	15.0	TA2	BC120UZ15		
	150.00	15.0	TC	BF120UZ15	 470	
	160.00	12.0	SB	AD120LZ12		
	160.00	12.0	TC	BF120LZ12	 420	
	160.00	15.0	SA	AA120LZ15		
	120.80	152.40	12.7	OC	OC120UR12	 380
		122.00	12.0	SC	AF122UZ12	
125.00	140.00	10.0	TB	BD125HZ10		
	150.00	12.0	SC	AF125UZ12		
126.80	150.00	12.0	TC	BF125UZ12		
	150.00	13.0	SA2	AC125UZ13		
	150.00	13.0	SB	AD125UZ13		
	150.00	12/14.59	TC	BF125UZ15		
	160.00	15.0	OC	OC125LZ15		
	160.00	15.0	TC	BF125LZ15		
	170.00	13.0	SA2	AC125CZ13		
	128.00	146.00	13.5	SC	AF128HL3H	
	128.00	146.00	13.50	TC	BF128HL13	
		150.00	15.0	SC	AF128UZ15	
130.00	150.00	15.0	TC	BF128UZ15		
	150.00	10.0	SC	AF130UZ10		
130.00	155.00	10.0	SA2	AC130UU10		
	159.00	12.35	SB	AD130UG12		
	160.00	12.0	SB	AD130LZ12		
	160.00	12.0	SC	AF130LZ12		