


















STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA 	130.00	160.00	14.0	TC	BF130LZ14
		160.00	15.0	TC	BF130LZ15
		170.00	12.0	SC	AF130CZ12
SA1 	132.00 135.00	170.00	15.0	SC	AF130CZ15
		230.00	14.0	SC	AF130SZ14
		230.00	14.0	TC	BF130SZ14
SA2 	136.39 137.00 140.00	160.00	13.0	SA2	AC132LZ13
		160.00	13.0	TA2	BC135LZ13
		170.00	12.0	SB	AD135CZ12
SB 	136.39 137.00 140.00	170.00	12.0	SC	AF135CZ12
		158.85	14.2	SA	AA136UB14
		200.00	50.0	SC	AF137ZZ50
SB1 	137.00 140.00	160.00	12.0	TC	BF140LZ12
		160.00	13.0	SA	AA140LZ13
		170.00	12.0	SC	AF140CZ12
SC 	145.00	170.00	15.0	SA2	AC140CZ15
		170.00	15.0	SB	AD140CZ15
		170.00	15.0	SC	AF140CZ15
SC1 	148.00 150.00	170.00	15.0	TC	BF140CZ15
		180.00	15.0	TC	BF140BZ15
		175.00	13.0	TA2	BC145CU13
TA 	148.00 150.00	175.00	13.0	TB	BD145CU13
		170.00	14.5	TA2	BC148CZ14
		170.00	15.0	TA2	BC150CZ15
TA1 	155.00	172.00	18.00	SC	AF150CR18
		180.00	12.0	SC	AF150BZ12
		180.00	13.0	SA2	AC150BZ13
TA2 	160.00	180.00	13.0	TC	BF150BZ13
		180.00	15.0	SA2	AC150BZ15
		180.00	15.0	SB	AD150BZ15
TB 	165.00	180.00	15.0	SC	AF150BZ15
		200.00	10.0	SB	AD150ZZ10
		200.00	15.0	SB	AD150ZZ15
TB1 	160.00	180.00	15.0	SC	AF155BZ15
		180.00	15.0	TC	BF155BZ15
		190.00	17.0	TB	BD155GZ17
TC 	165.00	180.00	14.0	SC	AF160BZ14
		180.00	15.0	DB	ED160BZ15
		180.00	15.0	SA2	AC160BZ15
TC1 	170.00	190.00	15.0	TA2	BC160GZ15
		190.00	15.0	TC	BF160GZ15
		200.00	15.0	TC	BF160ZZ15
AV 	175.00	190.00	13.0	SA2	AC165GZ13
		190.00	13.0	SC	AF165GZ13
		200.00	15.0	TB	BD170GU31
VA1 	178.00 180.00	195.00	31.0	TB	BD170GU31
		200.00	15.0	SA2	AC170ZZ15
		200.00	15.0	SC	AF170ZZ15
VA2 	178.00 180.00	200.00	15.0	TC	BF170ZZ15
		200.00	15.0	SA2	AC175ZZ15
		200.00	15.0	TA2	BC175ZZ15
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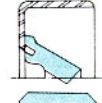
OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER

STANDARD
DESIGNS

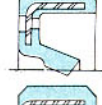
SHAFT	BORE	HEIGHT	TYPE	CODE-NO
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185.00	210.00	15.0	TA2	BC185EZ15
187.00	250.00	31.0	SC	AF187UZ31
190.00	220.00	12.0	TC	BF190RZ12
	220.00	15.0	DB	ED190RZ15
	220.00	15.0	SC	AF190RZ15
200.00	230.00	15.0	DC	EF200SZ15
	230.00	15.0	SA2	AV200SZ15
	230.00	15.0	SC1	AG200SZ15
	230.00	15.0	SC	AF200SZ15
	250.00	15.0	SA2	AC200UZ15
220.00	250.00	15.0	DB	ED220UZ15
230.00	260.00	15.0	SC	AF230LZ15
	260.00	15.0	TC	BF230LZ15
	262.00	16.0	SC	AF230LR16
	270.00	16.0	SB	AD230CZ16
	280.00	15.0	SC	AF230BZ15
240.00	270.00	15.0	SA2	AC240CZ15
	270.00	15.0	SA	AA240CZ15
	270.00	15.0	SC	AF240CZ15
	270.00	15.0	TC	BF240CZ15
	290.00	16.0	SC	AF240GZ16
245.00	270.00	16.0	SB	AD245CZ16
250.00	270.00	16.0	SA2	AC250CZ16
260.00	190.00	16.0	TA2	BC260GZ16
	280.00	16.0	TC	BF260BZ16
270.00	310.00	16.0	SA2	AC270EZ16
280.00	310.00	16.0	SA2	AC280EZ16
285.00	310.00	16.0	TA2	BC285EZ16
300.00	332.00	16.0	SA2	AC300SR16
	340.00	20.0	SA2	AC300HZ20
	340.00	20.0	SB	AD300HZ20
330.00	370.00	18.0	SA2	AC330CZ18
340.00	372.00	16.0	SA2	AC340CR16
	380.00	20.0	SC	AF340BZ20
	400.00	25.0	SC	AF340ZZ25
350.00	380.00	16.0	SB	AD350BZ16
	380.00	16.0	TC	BF350BZ16
355.00	380.00	13.0	OC	OC355BZ13
360.00	400.00	18.0	SB	AD360ZZ18
	400.00	20.0	DC	EF360ZZ20
	400.00	20.0	SC	AF360ZZ20
390.00	430.00	18.0	SA2	AC390SZ18
394.00	420.00	16.0	TC	BF394RZ16
420.00	460.00	20.0	SB	AD420LZ20
	470.00	20.0	SC	AF420CZ20
440.00	480.00	20.0	SB	AD440BZ20
514.00	550.00	18/14	OC	OC514UZ18
10	16	3/4.5	470	CZ010EL48
10	18	5.5/7	383	BS010EB75
12	18	5.5/5	470	CZ012EB55
	20	4/6	470	CZ012RZ64
	22	5/8	470	CZ012RR85
	22	5/8	420	RZ012RR85



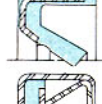
VB



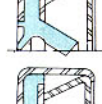
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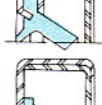
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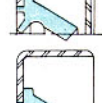
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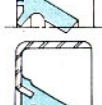
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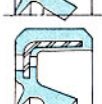
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KA2



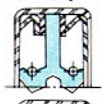
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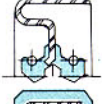
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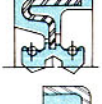
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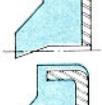
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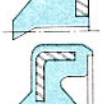
DA



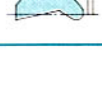
DB



DC
















470




















420



380

STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA 	12	22	6.5/8	380	BZ012RR86
	13	18	3/4.8	470	CZ013EB48
	135	150	9/12	470	CZ135EU12
	14	20	5/7	470	CZ014RZ75
SA1 		22	3/4	470	CZ014RR43
	140	155	9/12	470	CZ140UU12
	16	13	3/4.5	470	CZ016ES48
SA2 		22	3/4	470	CZ016RR43
	175	26	5/8	470	CZ016RL85
		28	7/10	470	CZ018RB10
SB 	18	28	5/7	470	CZ018RB75
		28	5/8	470	CZ018RB85
	19	28	6.5/8	383	BS018RB86
		28	6.5/8	380	BZ018RB86
SB1 	19	26	5/8	420	RZ019RL85
		26	5/8	470	CZ019RL85
	20	28	3.5/4.5	470	CZ020RB48
28		3.5/5	470	CZ020RB53	
30		7/10	470	CZ020SZ10	
30		4/6	470	CZ020SZ64	
SC 	22	28	5/8	470	CZ022RB85
		32	7/10	470	CZ022SR10
	25	32	5/7	470	CZ022SR75
		32	6.5/8	380	BZ022SR86
TA 	25	35	5/8	470	CZ022SU85
		35	7/10	470	CZ025SU10
	275	35	5/8	470	CZ025SU85
500		12/16	470	CZ275ZZ16	
28		38	5/8	470	CZ028SB85
		40	7/10	470	CZ028HZ10
TA2 	30	40	7/10	470	CZ030HZ10
		40	5/8	470	CZ030HZ85
	31.8	40	6.5/8	380	BZ030HZ86
32		38	5/8	420	RZ031SB85
		45	7/10	470	CZ032HU10
TB 		32	45	5/8	470
	45		7/10	470	CZ035HU10
	35	45	7/9	470	CZ035HU97
36		45	5/7	470	CZ036HU75
	40	54	7/10	470	CZ036UH10
		50	7/10	470	CZ040UZ10
TC 	40	50	5/8	470	CZ040UZ85
		50	6.5/8	380	BZ040UZ86
	42	52	5/8	470	CZ040UR85
		45	50	7/10	470
55	7/10		470	CZ045UU10	
55	7/10		470	CZ045UU10	
AV 	50	55	5/7	470	CZ045UU75
		60	7/10	470	CZ045LZ10
	VA1 	50	56	5/7	470
60			7/10	470	CZ050LZ10
VA2 		55	60	5/7	470
	60		6.5/8	380	BZ050LZ86
		63	7/10	470	CZ055LS10

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
55	65	7/10	470	CZ055LU10	 VB
56	65	7/10	470	CZ056LU10	
6	12	5/6.5	383	BS006ER07	 VB1
60	70	7/10	470	CZ060CZ10	
65	75	7/10	470	CZ065CU10	 VC
67	83	7/10	470	CZ067BS10	
70	80	7/10	470	CZ070BZ10	 VC1
	80	5/8	470	CZ070BZ85	
75	85	7/10	470	CZ075BU10	 KA
78	88	7/10	470	CZ078BB10	
8	14	4/5	380	BZ008EH54	 KA1
80	90	7/10	470	CZ080GZ10	
90	100	7/10	470	CZ090ZZ10	 KA2
10	16	4/5	SL	SL010EL54	
175	44	8/9.5	SL	SL032HH10	 KB
31.8	12	4/5	SL	SL006ER54	
6	75	7/8	SL	SL065CU87	 KB1
8	14	4/5	SL	SL008EH54	
					 KC
					 KC1
					 DA
					 DB
					 DC
					 470
					 420
					 380