
















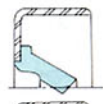
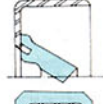
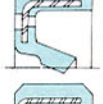
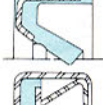
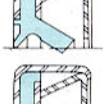
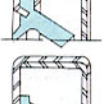
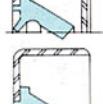
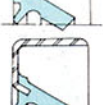
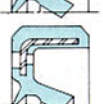

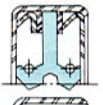
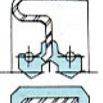

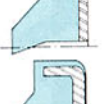
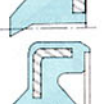
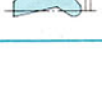





















OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER

SHAFT	BORE	HEIGHT	TYPE	CODE-NO	STANDARD DESIGNS
30.00	55.00	10.0	TC	BF030UU10	 VB  VB1  VC  VC1  KA  KA1  KA2  KB  KB1  KC  KC1  DA  DB  DC  470  420  380
	55.00	11.0	SC	AF030UU11	
	55.00	11.0	TC	BF030UU11	
	55.00	12.0	TC	BF030UU12	
	56.00	8.0	SC	AF030UL08	
	57.00	8.0	SC	AF030UC08	
	62.00	7.0	SB	AD030LR07	
	62.00	7.0	SC	AF030LR07	
	62.00	7.0	TB	BD030LR07	
	62.00	7.0	TC	BF030LR07	
	62.00	8.0	TB	BD030LR08	
	62.00	8.0	TC	BF030LR08	
	62.00	10.0	SA2	AC030LR10	
	62.00	10.0	SC	AF030LR10	
	62.00	10.0	TC	BF030LR10	
	65.00	8.0	TC	BF030LU08	
	65.00	10.0	TC	BF030LU10	
	72.00	8.0	SB	AD030CR08	
	72.00	8.0	SC	AF030CR08	
	72.00	8.0	TB	BD030CR08	
72.00	10.0	SC	AF030CR10		
72.00	10.0	TB	BD030CR10		
72.00	10.0	TC	BF030CR10		
75.00	8.0	TC	BF030CU08		
75.00	10.0	TC	BF030CU10		
80.00	8.0	TC	BF030BZ08		
80.00	10.0	TC	BF030BZ10		
31.00	47.00	7.0	SC	AF031HC07	
	47.00	9.5	SB	AD031HC95	
32.00	52.00	6.0	SC	AF031UR06	
	52.00	7.0	SC	AF031UR07	
	24.00	10.0	TC	BF032RH10	
	37.00	7.0	SB	AD032SC07	
	40.00	8.0	SC	AF032HZ08	
	41.00	7.0	TB	BD032HE07	
	42.00	5.0	TC	BF032HR05	
	42.00	7.0	SC	AF032HR07	
	42.00	8.0	TC	BF032HR08	
	42.00	7/10	SB	AD32HR10P	
	44.00	9.0	TC	BF032HH09	
	44.00	8/9.5	SC1	AG32HH10P	
	44.00	8/9.5	TC1	BG032HHEZ	
	44.53	9.0	TC	BF32HHU09	
	45.00	6.0	SC	AF032HU06	
	45.00	7.0	SC	AF032HU07	
	45.00	7.0	TC	BF032HU07	
	45.00	8.0	SC	AF032HU08	
	45.00	8.0	TC4	BFH32HU08	
	45.00	4/8	SA	AA032HUZB	
45.00	10.0	TC	BF032U10		
46.00	8.0	SC	AF032HL08		
46.00	8.0	TC	BF032HL08		
47.00	7.0	SB	AD032HC07		
47.00	7.0	SC	AF032HC07		

STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA	32.00	47.00	7.0	TC	BF032HC07
		47.00	8.0	SC	AF032HC08
		47.00	10.0	SC	AF032HC10
SA1	32.00	47.00	10.0	TC	BF032HC10
		48.00	5.0	SC	AF032HB05
		48.00	7.0	SC	AF032HB07
SA2	32.00	48.00	8.0	SC	AF032HB08
		48.00	8.0	TC	BF032HB08
		48.00	10.0	SC	AF032HB10
SB	32.00	50.00	8.0	SC	AF032UZ08
		50.00	10.0	SC	AF032UZ10
		50.00	10.0	TC	BF032UZ10
SB1	32.00	52.00	5.0	VC	CF032UR05
		52.00	7.0	SC	AF032UR07
		52.00	7.0	TC	BF032UR07
SC	32.00	52.00	8.0	HTC	HBF32UR08
		52.00	8.0	TC	BF032UR08
		52.00	10.0	SC	AF032UR10
SC1	32.00	52.00	10.0	TC	BF032UR10
		52.00	12.0	SC	AF032UR12
		54.00	10.0	SC	AF032UH10
TA	32.00	54.00	10.0	TC	BF032UH10
		55.00	8.0	SC	AF032UU08
		56.00	10.0	SC	AF032UL10
TA1	32.00	58.00	10.0	SC	AF032UB10
		58.00	10.0	TC	BF032UB10
		58.00	12.0	TB3	BDS32UB12
TA2	32.00	58.00	12.0	TC3	BI032UB12
		62.00	10.0	SC	AF032LR10
		62.00	10.0	TC	BF032LR10
TB	33.00	44.00	8.0	TB	BD033HH08
		45.00	7.0	SC	AF033HU07
		46.50	9.5	SB	AD33HLU95
TB1	33.00	46.50	9.5	TC	BF33HLU95
		50.00	6.0	SC	AF033UZ06
		50.00	8.0	SC	AF033UZ08
TC	33.50	50.00	8.0	TC	BF033UZ08
		50.00	8.0	TC	AF033UZ12
		50.00	12.0	SC	AF033UZ12
TC1	34.00	52.00	7.0	TC	BF033UR07
		52.00	10.0	SC	AF033UR10
		63.75	9.5	BHD	BH33ULS95
AV	34.00	45.00	7.0	SC	AF034HU07
		46.00	8.0	SC	AF034HL08
		46.00	10.0	TC	BF034HL10
VA1	34.00	48.00	7.0	TC	BF034HB07
		48.00	8.0	TC	BF034HB08
		50.00	10.0	SC	AF034UZ10
VA2	34.00	52.00	8.0	SC	AF034UR08
		52.00	10.0	SA2	AC034UR10
		52.00	10.0	SC	AF034UR10
VA2	34.00	52.00	11.0	SC	AF034UR11
		52.00	11.0	TC	BF034UR11
		58.00	13.0	SC	AF034UB13
		62.00	10.0	SC	AF034LR10

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER

SHAFT	BORE	HEIGHT	TYPE	CODE-NO	STANDARD DESIGNS
35.00	42.80	4.5	VC	CF035HR04	 VB  VB1  VC  VC1  KA  KA1  KA2  KB  KB1  KC  KC1  DA  DB  DC  470  420  380
	44.45	5.0	SC	AF35HHP05	
	45.00	6.0	SC	AF035HU06	
	45.00	7.0	SB	AD035HU07	
	45.00	7.0	SC	AF035HU07	
	45.00	7.0	TC	BF035HU07	
	45.00	8.0	TC	BF035HU08	
	47.00	5.0	SC	AF035HC05	
	47.00	6.0	TC	BF035HC06	
	47.00	7.0	SB	AD035HC07	
	47.00	7.0	SC	AF035HC07	
	47.00	7.0	TB	BD035HC07	
	47.00	7.0	TC	BF035HC07	
	47.00	8.0	SC	AF035HC08	
	47.00	8.0	TC	BF035HC08	
	47.00	9.0	SC	AF035HC09	
	47.00	9.0	TC	BF035HC09	
	47.00	10.0	SC	AF035HC10	
	47.00	10.0	TC	BF035HC10	
	47.00	10.5	TB4	BDH35HC10	
	48.00	8.0	SC	AF035HB08	
	48.00	8.0	TC	BF035HB08	
	48.00	10.0	SC	AF035HB10	
	48.00	11.0/12.0	TC4Y	HY035HB12	
	50.00	7.0	SC	AF035UZ07	
	50.00	7.0	TC	BF035UZ07	
	50.00	8.0	SC	AF035UZ08	
	50.00	8.0	TC	BF035UZ08	
	50.00	10.0	SA2	AC035UZ10	
	50.00	10.0	SC	AF035UZ10	
	50.00	10.0	TC	BF035UZ10	
	50.00	11.0	HTC	HBF35UZ11	
	52.00	7.0	SB	AD035UR07	
	52.00	7.0	SC	AF035UR07	
	52.00	7.0	TC	BF025UR07	
	52.00	8.0	SC	AF035UR08	
	52.00	8.0	TC	BF035UR08	
	52.00	9.0	TC	BF035UR09	
	52.00	10.0	SC	AF035UR10	
	52.00	10.0	TC	BF035UR10	
	52.00	12.0	DC	EF035UR12	
	54.00	8.0	SC	AF035UH08	
	55.00	8.0	SC	AF035UU08	
55.00	8.0	TC	BF035UU08		
55.00	9.0	TC	BF035UU09		
55.00	10.0	SC	AF035UU10		
55.00	10.0	TC	BF035UU10		
55.00	11.0	SC	AF035UU11		
55.00	11.0	TC	BF035UU11		
55.00	11.0	TCV	VBF35UU11		
56.00	10.0	SC	AF035UL10		
56.00	10.0	TC	BF035UL10		
58.00	8.0	SC	AF035UB08		
58.00	8.0	TC	BF035UB08		

STANDARD DESIGNS		OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
		SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA		35.00	58.00	10.0	SC	AF035UB10
			60.00	10.0	SC	AF035LZ10
SA1		35.00	60.00	12.0	TC	BF035LZ12
			62.00	5.0	SC	AF035LR05
SA2		35.00	62.00	7.0	SB	AD035LR07
			62.00	7.0	SC	AF035LR07
SB		35.00	62.00	7.0	TB	BD035LR07
			62.00	7.0	TC	BF035LR07
SB1		35.00	62.00	8.0	SC	AF035LR08
			62.00	10.0	DC	EF035LR10
SC		35.00	62.00	10.0	SC	AF035LR10
			62.00	10.0	SC1	AG035LR10
SC1		35.00	62.00	10.0	TC	BF035LR10
			62.00	12.0	SB	AD035LR12
TA		35.00	62.00	12.0	SC	AF035LR12
			62.00	12.0	TC	BF035LR12
TA1		35.00	64.00	11.0	TC	BF035LH11
			64.00	13.0	HTC3	HBS35LH13
TA2		35.00	65.00	10.0	SC	AF035LU10
			65.00	10.0	TC	BF035LU10
TB		35.00	65.00	12.0	TC	BF035LU12
			68.00	6.0	SC	AF035LB06
TB1		35.00	68.00	10.0	SC	AF035LB10
			68.00	14.0	DC	EF035LB14
TC		35.00	72.00	7.0	SC	AF035CR07
			72.00	8.0	TC	BF035CR08
TC1		35.00	72.00	10.0	SA2	AC035CR10
			72.00	10.0	TC	BF035CR10
TA		35.00	72.00	12.0	SA2	AC035CR12
			72.00	12.0	SC	AF035CR12
TA1		35.00	72.00	12.0	TC	BF035CR12
			80.00	10.0	SC	AF035BZ10
TA2		35.00	80.00	10.0	TC	BF035BZ10
			80.00	12.0	SC	AF035BZ12
TB		35.00	80.00	13.0	SC	AF035BZ13
			85.00	12.0	SC	AF035BU12
TB1		35.80	68.00	10.0	TB	BD35BLB10
			36.00	47.00	7.0	SC
TC		35.80	48.00	10.0	TC	BF036HB10
			50.00	7.0	SC	AF036UZ07
TC1		35.80	50.00	10.0	TB2	BDR36UZ10
			52.00	9.0	TC	BF036UR09
VA		36.00	52.00	10.0	TB	BD036UR10
			56.00	9.0	SC	AF036UL09
VA1		36.50	83.00	12.0	SC	AF036BS12
			52.48	7.9	SC	AF36HUR79
VA2		36.51	57.15	9.52	SC	AF36HUC95
			36.65	41.75	3.0	VB
VA1		36.65	52.00	7.0	SB	AD037UR07
			52.00	7.0	SC	AF037UR07
VA2		37.00	62.00	7.0	SC	AF037LR07
			62.00	10.0	SC	AF037LR10
VA1		37.50	55.50	9.0	SC	AF37HUU09
			38.00	48.00	4.0	SC

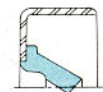
OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER

STANDARD  
DESIGNS

SHAFT                      BORE                      HEIGHT                      TYPE                      CODE-NO

38.00

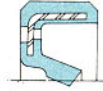
50.00	50.00	6.0	SC	AF038UZ06
50.00	50.00	7.0	SC	AF038UZ07
50.00	50.00	7.0	TC	BF038UZ07
50.00	50.00	8.0	SC	AF038UZ08
50.00	50.00	8.0	TC	BF038UZ08
50.00	50.00	8.0	TC4	BFH38UZ08
52.00	52.00	6.0	SC	AF038UR06
52.00	52.00	7.0	SB	AD038UR07
52.00	52.00	7.0	SC	AF038UR07
52.00	52.00	7.0	TB	BD038UR07
52.00	52.00	7.0	TC	BF038UR07
52.00	52.00	8.0	SC	AF038UR08
52.00	52.00	8.0	TC	BF038UR08
52.00	52.00	9.0	SC	AF038UR09
52.00	52.00	9.5	KC	DF038UR95
52.00	52.00	9.5	SC	AF038UR95
52.00	52.00	10.0	SB	AD038UR10
52.00	52.00	10.0	TC	BF038UR10
53.00	53.00	7.0	SC	AF038US07
54.00	54.00	6.5	SC	AF038UH65
54.00	54.00	10.0	SC	AF038UH10
55.00	55.00	4.5	SC	AF038UU45
55.00	55.00	6.0	SC	AF038UU06
55.00	55.00	7.0	SC	AF038UU07
55.00	55.00	8.0	SC	AF038UU08
55.00	55.00	8.0	TC	BF038UU08
55.00	55.00	9.0	TC	BF038UU09
55.00	55.00	10.0	SC	AF038UU10
55.00	55.00	10.0	TC	BF038UU10
55.00	55.00	10.5	SC	AF38UU10H
56.00	56.00	7.0	SC	AF038UL07
56.00	56.00	10.0	SC	AF038UL10
56.00	56.00	12.0	SC	AF038UL12
58.00	58.00	9.0	HTC	HBF38UB09
58.00	58.00	10.0	SC	AF038UB10
58.00	58.00	10.0	TC	BF038UB10
58.00	58.00	11.0	HTC	HBF38UB11
58.00	58.00	11.0	TB3	BDS38UB11
58.00	58.00	11.0	TC	BF038UB11
58.00	58.00	10.0/11.0	TCY	BFY38UB11
60.00	60.00	10.0	SC	AF038LZ10
60.00	60.00	10.0	TC	BF038LZ10
62.00	62.00	7.0	SC	AF038LR07
62.00	62.00	8.0	SC	AF038LR08
62.00	62.00	10.0	SC	AF038LR10
62.00	62.00	12.0	SC	AF038LR12
65.00	65.00	9.0	TB	BD038LU09
65.00	65.00	10.0	SC	AF038LU10
72.00	72.00	12.0	SB	AD038CR12
72.00	72.00	12.0	SC	AF038CR12
72.00	72.00	12.0	TC	BF038CR12
74.00	74.00	11.0	TC	BF038CH11



VB



VB1



VC



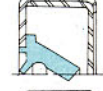
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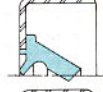
KA



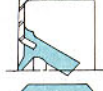
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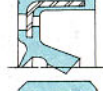
KA2



KB



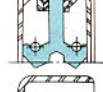
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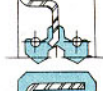
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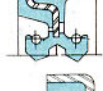
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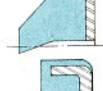
DA



DB



DC



470



420



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39.70

65.00

62.00

9.0

12.0

SC

TC3

AF039LU09

BI039LR12