






















































STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA	40.00	50.00	6.5	TC	BF040UZ65
		50.00	8.0	SC	AF040UZ08
SA1	40.00	50.00	6.5/8.0	TC	BF040UZ86
		50.00	10.0	SC	AF040UZ10
SA2	40.00	52.00	5.0	TC	BF040UR05
		52.00	6.0	SC	AF040UR06
SB	40.00	52.00	7.0	SC	AF040UR07
		52.00	7.0	TB	BD040UR07
SB1	40.00	52.00	7.0	TC	BF040UR07
		52.00	8.0	TC	BF040UR08
SC	40.00	52.00	10.0	SC	AF040UR10
		54.00	5.0	TB	BD040UH05
SC1	40.00	54.00	5.0	TC	BF040UH05
		54.00	7.0	TC	BF040UH07
TA	40.00	54.00	8.0	TC	BF040UH08
		55.00	7.0	SB	AD040UU07
TA1	40.00	55.00	7.0	SC	AF040UU07
		55.00	7.0	TC	BF040UU07
TA2	40.00	55.00	8.0	SC	AF040UU08
		55.00	8.0	TC	BF040UU08
TB	40.00	55.00	8.0	TC	BF040UU08
		55.00	10.0	SC	AF040UU10
TB1	40.00	56.00	7.0	SB	AD040UL07
		56.00	7.0	SC	AF040UL07
TC	40.00	56.00	7.0	TC	BF040UL07
		56.00	7.0	TB	BD040UL07
TC1	40.00	56.00	7.0	TC	BF040UL07
		56.00	8.0	SC	AF040UL08
TA	40.00	56.00	10.0	SC	AF040UL10
		56.00	12.0	SC	AF040UL12
TA1	40.00	57.00	7.0	SC	AF040UC07
		57.00	10.0	SC	AF040UC10
TA2	40.00	58.00	8.0	SB	AD040UB08
		58.00	8.0	SC	AF040UB08
TB	40.00	58.00	8.0	TC	BF040UB08
		58.00	9.0	SC	AF040UB09
TB1	40.00	58.00	10.0	SC	AF040UB10
		58.00	10.0	TC	BF040UB10
TC	40.00	60.00	7.0	SC	AF040LZ07
		60.00	7.5	SC	AF040LZ75
TC1	40.00	60.00	7.5	TC	BF040LZ75
		60.00	8.0	SC	AF040LZ08
TA	40.00	60.00	8.0	TC	BF040LZ08
		60.00	10.0	SC	AF040LZ10
TA1	40.00	60.00	10.0	TC	BF040LZ10
		60.00	12.0	TC	BF040LZ12
TA2	40.00	62.00	7.0	SB	AD040LR07
		62.00	7.0	SC	AF040LR07
TB	40.00	62.00	7.0	SC	AF040LR07
		62.00	7.0	TC	BF040LR07
TB1	40.00	62.00	7.0	TC	BF040LR07
		62.00	8.0	TC	BF040LR08
TC	40.00	62.00	10.0	SC	AF040LR10
		62.00	10.0	TC	BF040LR10
TC1	40.00	62.00	11.0	TCV	VBF40LR11
		62.00	11.5	TC	BF40LR11U
VA	40.00	62.00	12.0	OA	OA040LR12
		62.00	12.0	OA	OA040LR12

















OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER

SHAFT	BORE	HEIGHT	TYPE	CODE-NO	STANDARD DESIGNS
40.00	62.00	12.0	SA	AA040LR12	 VB
	62.00	12.0	TC	BF040LR12	
	62.00	10.0	TBY	BDY40LR12	 VB1
	62.00	14.0	DC	EF040LR14	
	64.00	12.0	TC	BF040LH12	 VC
	65.00	10.0	DC	EF040LU10	
	65.00	10.0	SC	AF040LU10	 VC1
	65.00	10.0	TC	BF040LU10	
	65.00	12.0	DC	EF040LU12	 KA
	65.00	12.0	TC	BF040LU12	
	68.00	7.0	SB	AD040LB07	 KA1
	68.00	10.0	SC	AF040LB10	
	70.00	10.0	SC	AF040CZ10	 KA2
	72.00	7.0	SC	AF040CR07	
	72.00	8.0	SC	AF040CR08	 KB
	72.00	9.0	SC	AF040CR09	
	72.00	10.0	SA2	AC040CR10	 KB1
	72.00	10.0	SC	AF040CR10	
	72.00	10.0	TC	BF040CR10	 KC
	75.00	12.0	SB	AD040CU12	
	75.00	12.0	SC	AF040CU12	 KC1
	75.00	12.0	TC	BF040CU12	
	80.00	8.0	TC	BF040BZ08	 DA
	80.00	10.0	SC	AF040BZ10	
	80.00	10.0	TC	BF040BZ10	 DB
	85.00	10.0	SC	AF040BU10	
	90.00	8.0	SC	AF040GZ08	 DC
	90.00	9.0	TC	BF040GZ09	
	90.00	10.0	SC	AF040GZ10	 470
	90.00	12.0	TC	BF040GZ12	
41.00	56.00	7.0	SB	AD041UL07	 420
	56.00	7.0	SC	AF041UL07	
	56.00	7.0	TB	BD041UL07	 380
	67.00	9.0	TC	BF041LC09	
42.00	67.00	9.0	TCY	BFY41LC09	
	52.00	8.0	TC	BF042UR08	
	55.00	5.0	TC	BF042UU05	
	55.00	7.0	SB	AD042UU07	
	55.00	7.0	SC	AF042UU07	
	55.00	7.0	TB	BD042UU07	
	55.00	7.0	TC	BF042UU07	
	55.00	8.0	SC	AF042UU08	
	55.00	8.0	TC	BF042UU08	
	56.00	5.0	SC	AF042UL05	
	56.00	5.0	TC	BF042UL05	
	56.00	6.0	SC	AF042UL06	
	56.00	7.0	SC	AF042UL07	
	56.00	7.0	TC	BF042UL07	
	56.00	10.0	SC	AF042UL10	
	58.00	7.0	SB	AD042UB07	
	58.00	8.0	TC	BF042UB08	
	58.00	10.0	SC	AF042UB10	
58.00	10.0	TC	BF042UB10		
60.00	7.0	SC	AF042LZ07		

STANDARD DESIGNS		OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
		SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA		42.00	60.00	7.0	TC	BF042LZ07
			60.00	7.0	VC	CF042LZ07
SA1		42.00	60.00	9.0	SC	AF042LZ09
			60.00	9.0	TC	BF042LZ09
SA2		42.00	60.00	10.0	SC	AF042LZ10
			60.00	12.0	TC	BF042LZ12
SB		42.00	62.00	7.0	SC	AF042LR07
			62.00	7.0	TB	BD042LR07
SB1		42.00	62.00	7.0	TC	BF042LR07
			62.00	8.0	SB	AD042LR08
SC		42.00	62.00	8.0	SC	AF042LR08
			62.00	8.0	TC	BF042LR08
SC1		42.00	62.00	10.0	SB	AD042LR10
			62.00	10.0	SC	AF042LR10
TA		42.00	62.00	10.0	TC	BF042LR10
			62.00	10.0	TA2	BC042LR12
TA1		42.00	62.00	12.0	TC	BF042LR12
			65.00	6.0	SC	AF042LU06
TA2		42.00	65.00	7.0	SC	AF042LU07
			65.00	8.0	SC	AF042LU08
TB		42.00	65.00	8.0	SC	AF042LU08
			65.00	9.5	TBY	BDY42LU12
TB1		42.00	72.00	8.0	SC	AF042CR08
			72.00	10.0	SC	AF042CR10
TC		42.00	72.00	10.0	TC	BF042CR10
			72.50	12.0	SC	AF42CRU12
TC1		42.00	75.00	12.0	TC	BF042CU12
			55.00	8.0	KC	DF043UU08
TA		43.00	60.00	7.0	SC	AF044LZ07
			60.00	10.0	SC	AF044LZ10
TA1		44.00	62.00	8.0	TC	BF044LR08
			62.00	10.0	SC	AF044LR10
TA2		44.00	62.00	10.0	TC	BF044LR10
			64.00	9.0	TC	BF044LH09
TB		44.00	72.00	8.0	SC	AF044CR08
			78.00	12.0	TC	BF044CB12
TB1		44.45	63.50	9.52	SC	AF44PLS95
			63.63	12.7	TC	BF44ULH13
TC		44.50	50.00	8.0	SB	AD045UZ08
			52.00	4.0	VC	CF045UR04
TC1		45.00	52.00	7.0	SC	AF045UR07
			55.00	6.0	SC	AF045UU06
VA1		45.00	55.00	7.0	SC	AF045UU07
			57.00	7.5	TC	BF045UC75
VA2		45.00	58.00	7.0	SC	AF045UB07
			58.00	7.0	TC	BF045UB07
AV		45.00	58.00	7.0	TC4	BFH45UB07
			59.00	10.0	SC	AF045UG10
VA1		45.00	60.00	7.0	SC	AF045LZ07
			60.00	7.0	TC	BF045LZ07
VA2		45.00	60.00	8.0	SC	AF045LZ08
			60.00	8.0	TC	BF045LZ08
VA2		45.00	60.00	9.0	TC	BF045LZ09
			60.00	10.0	SB	AD045LZ10
VA2		45.00	60.00	10.0	SC	AF045LZ10

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER

SHAFT	BORE	HEIGHT	TYPE	CODE-NO	STANDARD DESIGNS
45.00	60.00	10.0	TB	BD045LZ10	 VB
	60.00	12.0	TC	BF045LZ12	
	62.00	5.0	VC	CF045LR05	 VB1
	62.00	7.0	SC	AF045LR07	
	62.00	7.0	TC	BF045LR07	 VC
	62.00	7.5	TC	BF045LR75	
	62.00	8.0	SB	AD045LR08	 VC1
	62.00	8.0	SC	AF045LR08	
	62.00	8.0	TC	BF045LR08	 KA
	62.00	9.0	SC	AF045LR09	
	62.00	9.0	TB2	BDR45LR09	 KA1
	62.00	9.0	TC	BF045LR09	
	62.00	10.0	SB	AD045LR10	 KA2
	62.00	10.0	SC	AF045LR10	
	62.00	10.0	TC	BF045LR10	 KB
	62.00	12.0	SC	AF045LR12	
	65.00	5.0	VC	CF045LU05	 KB1
	65.00	8.0	SA	AA045LU08	
	65.00	8.0	SA2	AC045LU08	 KC
	65.00	8.0	SC	AF045LU08	
	65.00	8.0	TC	BF045LU08	 KC1
	65.00	10.0	SC	AF045LU10	
	65.00	10.0	TC	BF045LU10	 DA
	65.00	12.0	TC	BF045LU12	
	68.00	8.0	SC	AF045LB08	 DB
	68.00	8.0	TC	BF045LB08	
	68.00	10.0	SC	AF045LB10	 DC
	68.00	12.0	TC	BF045LB12	
	68.00	12.0	TCV	VBF45LB12	 470
	70.00	5.0	VC	CF045CZ05	
	70.00	10.0	SC	AF045CZ10	 420
	70.00	12.0	TC	BF045CZ12	
	72.00	7.0	SC	AF045CR07	 380
	72.00	7.0	TB	BD045CR07	
	72.00	8.0	SC	AF045CR08	
	72.00	8.0	TC	BF045CR08	
	72.00	10.0	SC	AF045CR10	
	72.00	10.0	TC	BF045CR10	
	72.00	12.0	SC	AF045CR12	
	72.00	12.0	TB	BD045CR12	
	72.00	12.0	TB1	BE045CR12	
	72.00	12.0	TB4	BDH45CR12	
	72.00	12.0	TC	BF045CR12	
	74.50	12.0/14.5	TC	BF045CH14	
	75.00	7.0	SC	AF045CU07	
	75.00	7.0	TC	BF045CU07	
	75.00	10.0	SC	AF045CU10	
	75.00	10.0	TB	BD045CU10	
	75.00	10.0	TC	BF045CU10	
	75.00	12.0	TC	BF045CU12	
80.00	10.0	SC	AF045BZ10		
80.00	10.0	TC	BF045BZ10		
80.00	12.0	SC	AF045BZ12		
80.00	13.0	TC	BF045BZ13		

STANDARD DESIGNS		OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
		SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA		45.00	85.00	10.0	SC	AF045BU10
			85.00	10.0	TC	BF045BU10
			90.00	10.0	TC	BF045GZ10
SA1		46.00	62.00	8.0	SC	AF046LR08
			62.00	8.0	TC	BF046LR08
SA2		46.20 47.00	80.00	10.0	SC	AF46PBZ10
			62.00	6.0	SC	AF047LR06
			65.00	8.0	SC	AF047LU08
			65.00	10.0	SC	AF047LU10
SB		48.00	58.00	7.0	TC	BF048UB07
			62.00	7.0	TC	BF048LR07
			62.00	8.0	SC	AF048LR08
SB1			62.00	8.0	TC	BF048LR08
			62.00	8.0	TCY	BFY48LR08
			62.00	9.0	TB3	BDS48LR09
SC			62.00	10.0	SC	AF048LR10
			62.00	10.0	TC	BF048LR10
			63.00	10.0	SC	AF048LS10
SC1			65.00	7.0	SC	AF048LU07
			65.00	7.0	TC	BF048LU07
			65.00	8.0	HSC	AF048LU08
			65.00	10.0	SC	AF048LU10
TA			65.00	10.0	TA2	BC048LU10
			65.00	10.0	TC	BF048LU10
			65.00	12.0	SC	AF048LU12
TA1			68.00	10.0	SC	AF048LB10
			68.00	10.0	TC	BF048LB10
			70.00	9.0	SC	AF048CZ09
TA2			70.00	9.0	TC	BF048CZ09
			70.00	12.0	SC	AF048CZ12
			70.00	12.0	TC	BF048CZ12
TB			72.00	7.0	SC	AF048CR07
			72.00	7.0	TC	BF048CR07
			72.00	8.0	SC	AF048CR08
TB1			72.00	10.0	SC	AF048CR10
			72.00	12.0	TC	BF048CR12
			80.00	10.0	SC	AF048BZ10
TC		49.20 50.00	69.95	9.5	TC	BF49LGG95
			58.00	4.0	VB	CD050UB04
			60.00	5.0/7.0	VCY	VCY50LZ75
TC1			62.00	5.0	VB	CD050LR05
			62.00	7.0	SC	AF050LR07
			62.00	10.0	SC	AF050LR10
AV			62.00	10.0	TC	BF050LR10
			63.50	7.5	KCY	DFY50LS75
			65.00	8.0	SB	AD050LU08
VA1			65.00	8.0	SC	AF050LU08
			65.00	8.0	SC	AF050LU08
			65.00	8.0	TC	BF050LU08
VA2			65.00	8.0	TC	BF050LU09
			65.00	9.0	TC	BF050LU09
			65.00	10.0	SB	AD050LU10
			65.00	10.0	SC	AF050LU10
			67.00	10.0	SC	AF050LC10
			68.00	7.0	VC	CF050LB07