Sealtech Vietnam

One stop sealing solution

TABLE OF CONTENTS

OIL SEAL

Sealtech Vietnam

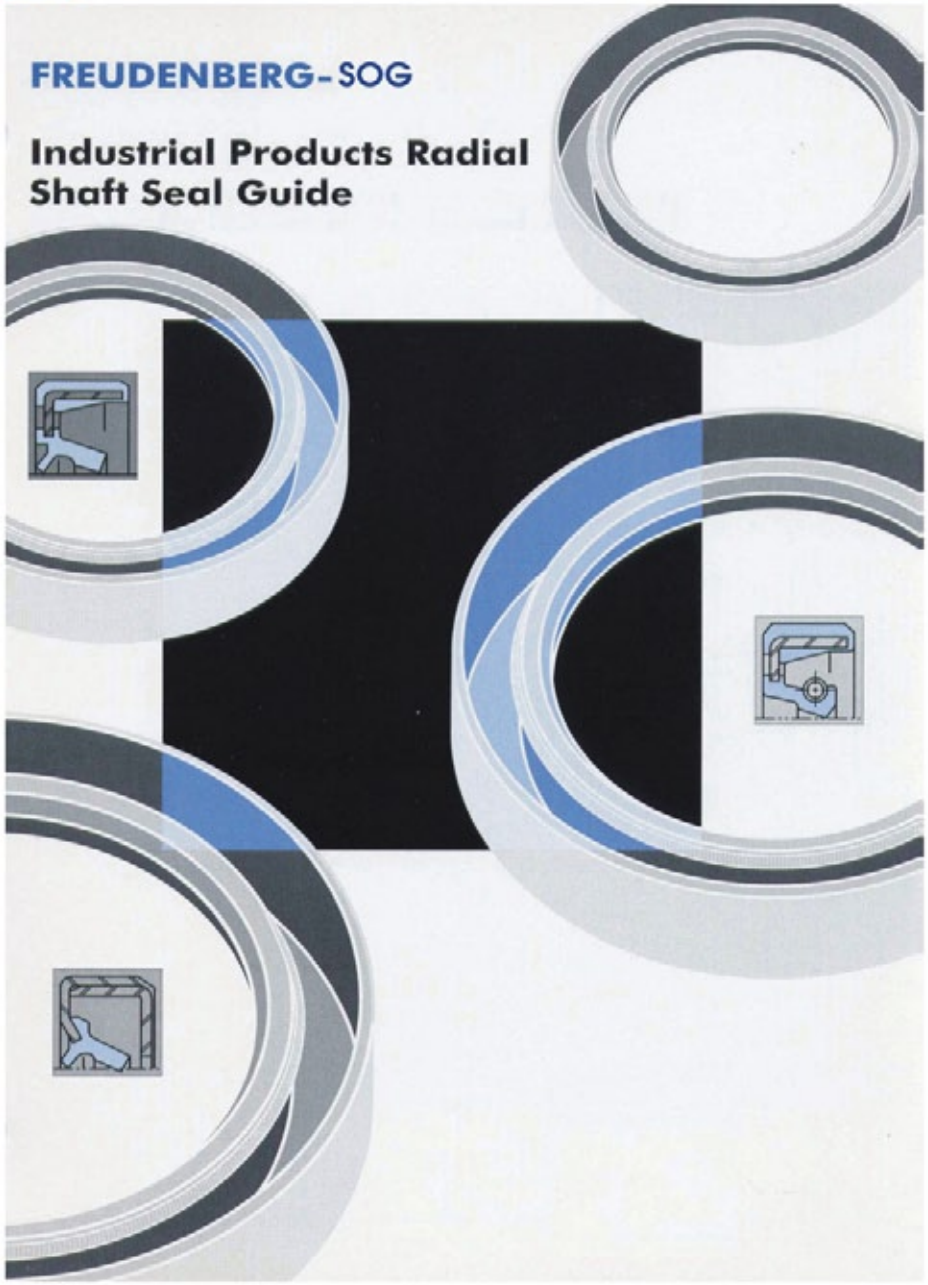
One stop sealing solution

www.sealtech.vn

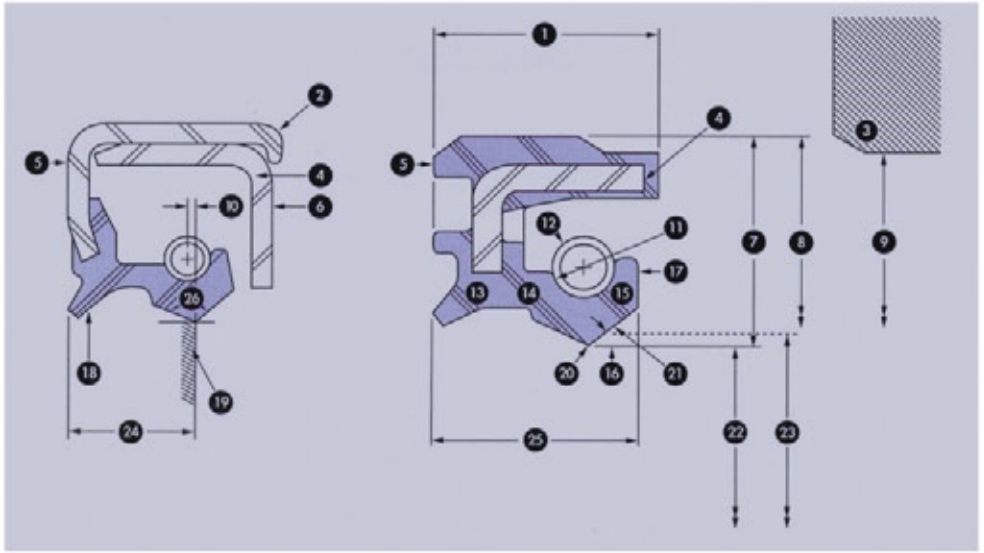
OIL SEAL

OIL SEAL

www.sealtech.vn



SEAL NOMENCLATURE



1. Seal Width
2. Metal Case (Outer)
3. Housing
4. Inner Case
5. Outside Face
6. Inside Face
7. Radial Wall Dimension
8. Seal Outer Diameter
9. Housing Bore Diameter
10. Spring Position (R-Value)
11. Spring Groove
12. Garter Spring
13. Heel Section
14. Flex Section
15. Spring Retainer Lip
16. Inside Lip Angle
17. Toe Face
18. Auxiliary (Dust) Lip
19. Rib (Helix)
20. Contact Point
21. Inside Lip Surface
22. Sprung Lip Diameter
23. Free Lip (Unsprung) Diameter
24. Contact Line Height
25. Lip Height
26. Lip Angle

www.sealtech.vn

OIL SEAL SELECTION

The engineering data presented here is to provide a guideline for selection of a standard seal for a general purpose application. The user needs to be aware that many design configuration of seals exist to meet specific requirements. Deviation from the standard limitations provided here should be considered as an indication to explore the possibility of using nonstandard designs (contact Freudenberg-**SOG** for design assistance). ISO/DIN seal designs and standards are also available, if required.

GENERAL GUIDELINES

A. Determine the general category the seal application falls within (Table 1).

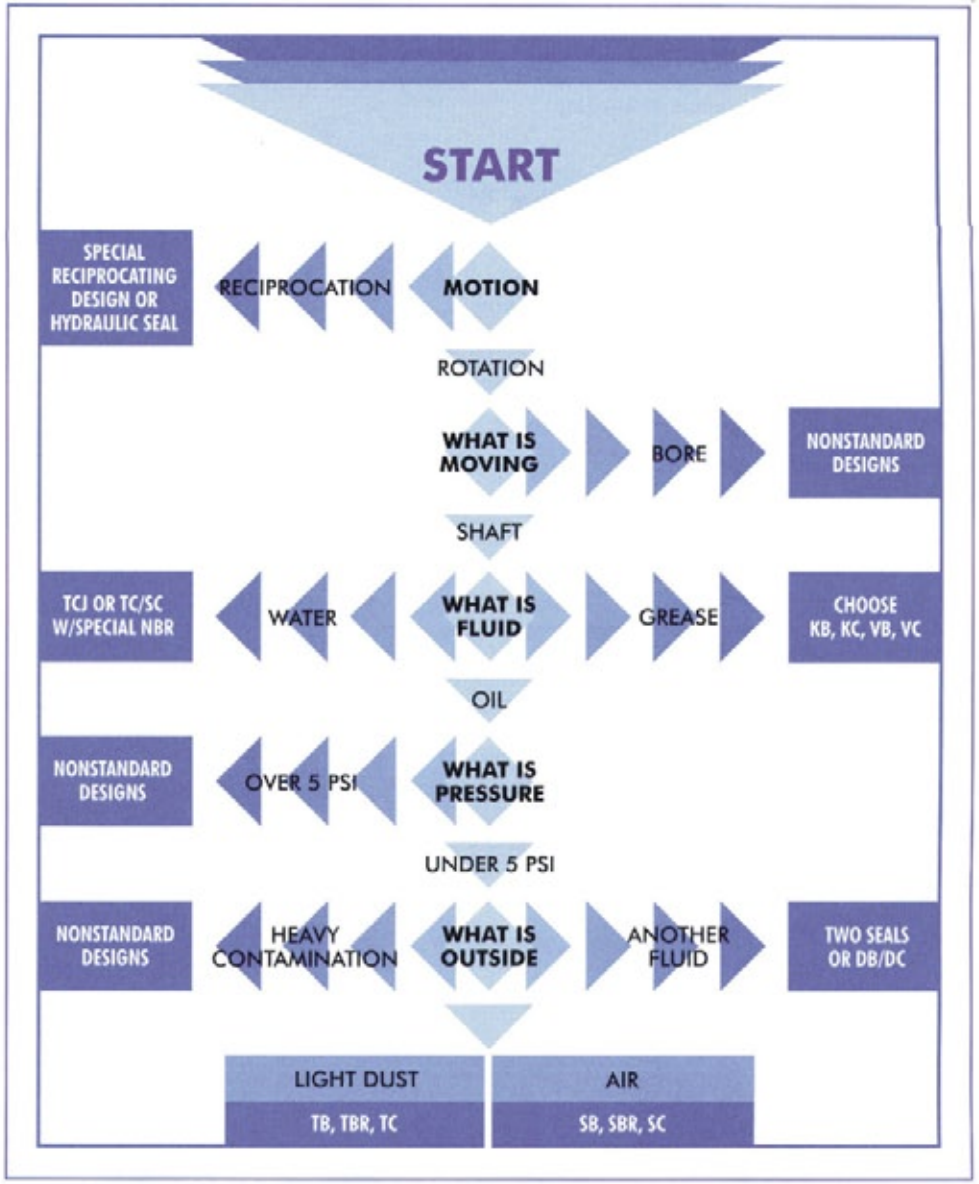
B. Determine if operating conditions exceed the design limits (Table 2).
   1. Shaft Speed
   2. Pressure
   3. Eccentricity

C. Select appropriate lip, case and spring material (Table 3). Selection is based on temperature of application, fluid and environment to be sealed and excluded.

D. Review bore and shaft configuration (Table 4) to ensure compatibility with seal.

E. If design limits are exceeded, review nonstandard designs and contact Freudenberg-**SOG**

SELECTION PROCESS



www.sealtech.vn

FREUDENBERG-NOK STANDARD SEAL TYPES

TABLE 1

LIP SYMBOLS \ BODY SYMBOLS	A2 Metal O.D. design with an inner case for greater structural rigidity.	B2 Most standardized and economical metal O.D. design.	B Metal O.D. design with fluid side rubber covered.	BR Part rubber/part metal O.D. design for greater O.D. sealing ability.	C Rubber O.D. design for excellent O.D. sealing ability.
S — General nonpressure fluid sealing applications and severe grease sealing conditions.	SA2 	SB2 	SB 	SBR 	SC 
T — General nonpressure fluid sealing applications and severe grease sealing conditions with light duty exclusion of foreign materials.	TA2 	TB2 	TB 	TBR 	TC 
V — Economical design for grease retention or sealing viscous fluid.	VA2 	VB2 	VB 	VBR 	VC 
K — Economical design for grease retention or sealing viscous fluid with light duty exclusion of foreign materials.	KA2 	KB2 	KB 	KBR 	KC 
WP — Dust wiper or scraper for hydraulic or pneumatic cylinder applications			WPB 		WPC 

NOTE:
Metal O.D. seals are most suitable for steel or cast iron housing materials.

Rubber covered O.D. seals are preferred for soft alloy or plastic housing materials and are suitable as well for steel or cast iron housings. Also, this design category is best for rough bore finishes or for materials with a high coefficient of thermal expansion.

OPERATING CONDITIONS ("S" & "T" CONFIGURATIONS)

TABLE 2 **DESIGN LIMITATIONS**

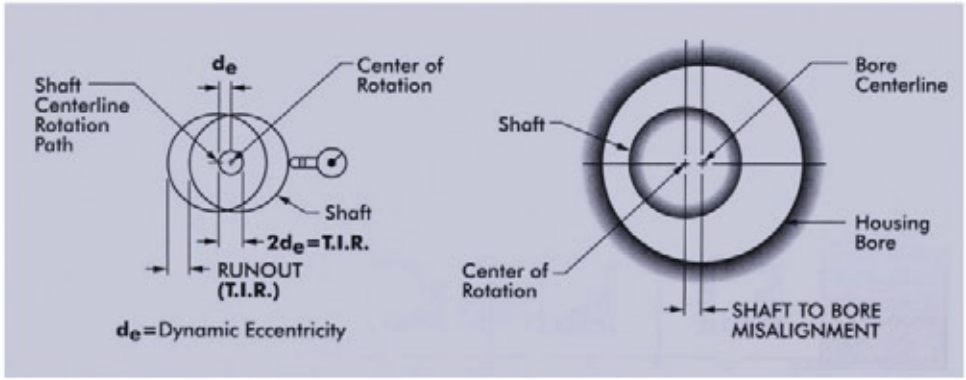
SHAFT DIAMETER	NITRILE LIP MAXIMUM CONTINUOUS SHAFT SPEED	MAXIMUM CONTINUOUS PRESSURE	MAXIMUM TOTAL ECCENTRICITY
General	3,500 rpm	5 psi	.020"
.500	8,000 rpm	5 psi	.004"
1.500	7,000 rpm	5 psi	.006"
2.500	4,500 rpm	5 psi	.010"
3.500	3,800 rpm	5 psi	.013"
4.500	2,750 rpm	5 psi	.017"

NOTE:
Higher shaft speeds possible using higher temperature materials such as polyacrylate, fluoroelastomer or silicone.

Slightly higher continuous pressure is possible for shaft speeds below 200 fpm.

Higher eccentricity is allowable if shaft speed is reduced.

ECCENTRICITY



Eccentricity is determined by measuring the shaft runout, TIR, and the shaft-to-bore misalignment. Combine the two results for the total eccentricity the seal lip must follow to function effectively. As eccentricity increases, and/or shaft speed increases, it becomes more difficult for the lip to follow the shaft.

www.sealtech.vn

OPERATING CONDITIONS ("V" & "K" CONFIGURATIONS)

TABLE 3 **DESIGN LIMITATIONS**

SHAFT DIAMETER	MAXIMUM SHAFT SPEED	MAXIMUM CONTINUOUS PRESSURE	MAXIMUM TOTAL ECCENTRICITY
General	2,000 rpm	4 psi	.005"
.500	4,000 rpm	4 psi	.003"
1.500	3,000 rpm	4 psi	.005"
2.500	2,300 rpm	4 psi	.006"
3.500	1,700 rpm	4 psi	.008"
4.500	1,400 rpm	4 psi	.010"

NOTE:
Higher eccentricity is allowable if maximum shaft speed is reduced.

A nonsprung seal design offers a cost effective way to seal high viscosity grease applications. Because the design does not benefit from the constant load of a garter spring, the allowable eccentricity is decreased and the fluids to be sealed are limited.

OPERATING CONDITIONS ("WP" CONFIGURATIONS)

TABLE 4 **DESIGN LIMITATIONS**

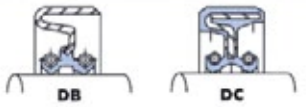
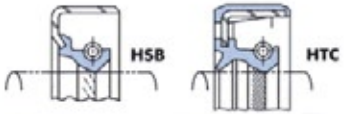
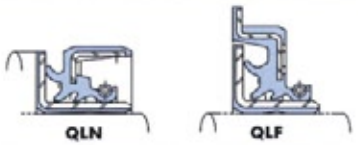
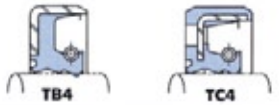
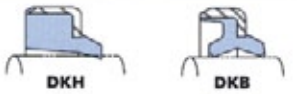
Maximum Shaft Linear Velocity	200 fpm (1 m/sec.)
Maximum Pressure Capability	4 psig (.28 kg/cm²)
Maximum Stroke Length	78 inches (1.98 m)
Maximum Shaft-To-Bore Misalignment	0.004 inches (0.1 mm) TIR

The "WP" design was developed as a dust wiper (scraper) for reciprocating applications, such as hydraulic cylinder rods. As a result, the operating limits are different from the "V" & "K" type provided above.

NONSTANDARD DESIGNS

TABLE 5

Special applications which cannot be adequately satisfied by standard designs are illustrated on the next two pages.

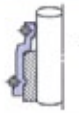
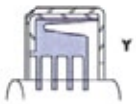
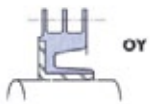
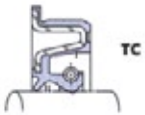
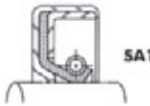
FREUDENBERG-SOG DESIGN		DESIGN CHARACTERISTICS
"D" Style	 DB DC	Applications which require separating two fluids from each other should use two garter spring loaded lips. The "D" style seal incorporates the two lips into one design. Note: The bore depth must be increased to accommodate the two seal lips.
"TCV" (Medium Pressure)	 TCV	For applications up to 50 psi (3.5 kg/cm²), the "TVC" design is recommended. Pressure limit is dependent on shaft speed. Available for shaft diameters less than 2.500" (65 mm).
"TCN" (High Pressure)	 TCN	Type "TCN" is designed for high pressure applications where continuous pressure may reach 150 psi (10.6 kg/cm²). Maximum pressure limit is dependent on shaft speed.
"H" Style	 HSB HTC	Hydrodynamic sealing lips are available with most designs. Both unidirectional and bidirectional helical ribs are available. The helical ribs help "pump" the fluid back under the seal lip. Basic lip design is same as standard seal.
"K" (Fabric Auxiliary Lip)	 TCK TCKY	Where dirt or dust ingestion is a problem, the "TCK" design provides superior exclusion. Where dust or dirt and moisture (small quantities of water) mixture are evident, combination with a slinger provides excellent results (TCKY).
"QL" (Sleeve Oil Seals)	 QLN QLF	The "QL" seal is specially designed for mud or very dirty applications. Maximum shaft speed is limited to 10 ft/sec. (3 m/sec.).
"T4" (Reciprocating)	 TB4 TC4	Severe reciprocating shaft applications can be effectively sealed by the "T4" design. Pressure up to 100 psi (7 kg/cm²) can be sealed, such as in shock absorbers.
"DK" (Reciprocating)	 DKH DKB	Dust wiper for hydraulic cylinders. Not recommended for pressures above 5 psi (.35 kg/cm²).

www.sealtech.vn

NONSTANDARD DESIGNS

For oil seal designs not shown, please contact Freudenberg-**SOG** for recommended designs to meet your application requirements.

TABLE 5 (cont.)

DESIGN TYPE	APPLICATION	EXAMPLE		
VS	Valve Stem Seals	 VSW	 VSB	 VSB5
V	Special Mud Seals	 Y	 OY	
"5"	Flange Seals	 TC 5	 TB 5	
"9"	Side Lip Seal	 TC 9		
"UJ"	Universal Joint Seals	 UJ	 UJB	
"J"	PTFE Seals	 TCJ	 VAJ	 SA1J
"O"	Rotating Bore	 OC		
"E"	High Shaft Eccentricity	 SBE		

SHAFT RECOMMENDATIONS

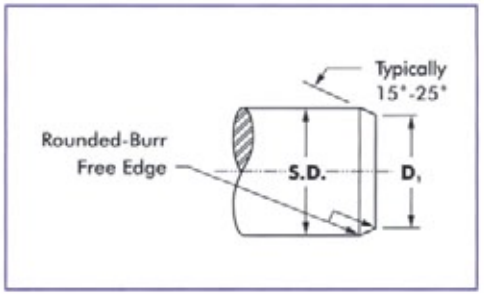
SHAFTS

Seal and shaft compatibility is dependent on four conditions: shaft tolerance, lead-in chamfer, finish and hardness. Proper consideration of these conditions will assist in providing optimal seal performance.

- **SHAFT HARDNESS** is an important factor to prevent excessive wear, deformation, scratches or nicks, and to allow for easy machining for proper roughness. Under normal conditions, the seal contact area of the shaft should be Rockwell C45 minimum.
- **SHAFT SURFACE ROUGHNESS** is very important as this greatly influences the amount of lip wear. The recommended roughness is as follows:
  - Rotating 10 to 20 μ inch Ra (.25 μM to .50 μM Ra): R_{MAX}=31-126 μ inch (0.8-3.2 μM)
  - Reciprocating 5 to 10 μ inch Ra (.13 μM to .25 μM Ra)

  The method of achieving this finish should not be overlooked.
- **PLUNGE GRINDING** is recommended for rotating shaft applications. For reciprocating applications, centerless grinding is acceptable. Rotating shaft applications require a surface with no machine lead, as machine lead may actually pump fluid from under the seal lip. Also, hard chrome plating is suggested for any cast iron or stainless steel shafts for rotating applications and for steel shafts with reciprocating applications.
- **A SHAFT CHAMFER** is suggested to assist in the installation process. Without a proper chamfer, the seal lip may be damaged or distorted resulting in a dislodged garter spring.
- **SHAFT TOLERANCE** recommendations for general applications are listed in Table 7 below. The tolerance range should be decreased for high speed or pressure applications.

TABLE 6
RECOMMENDED SHAFT CHAMFER



INCHES			
S.D.	D_1	S.D.	D_1
Up to 1.000	S.D. – .094	4.001 to 5.000	S.D. – .220
1.001 to 2.000	S.D. – .140	5.001 to 5.000	S.D. – .260
2.001 to 3.000	S.D. – .166	6.001 to 5.000	S.D. – .276
3.001 to 4.000	S.D. – .196	–	–

MILLIMETERS			
S.D.	D_1	S.D.	D_1
Up to 25.00	S.D. – 2.4	100.01 to 125.00	S.D. – 5.6
25.01 to 50.00	S.D. – 3.6	125.01 to 150.00	S.D. – 6.6
50.01 to 75.00	S.D. – 4.2	150.01 to 250.00	S.D. – 7.0
75.01 to 100.00	S.D. – 5.0	–	–

TABLE 7
RECOMMENDED SHAFT TOLERANCE

SHAFT DIAMETER (INCH)	TOLERANCE	SHAFT DIAMETER (DIN/METRIC)	TOLERANCE
Up to 4.000	±.003	Up to 100 mm	±0.08
4.001 to 6.000	±.004	100.10 to 150.00	±0.10
6.001 to 10.000	±.005	150.10 to 250.00	±0.13

www.sealtech.vn

HOUSING RECOMMENDATIONS

HOUSINGS

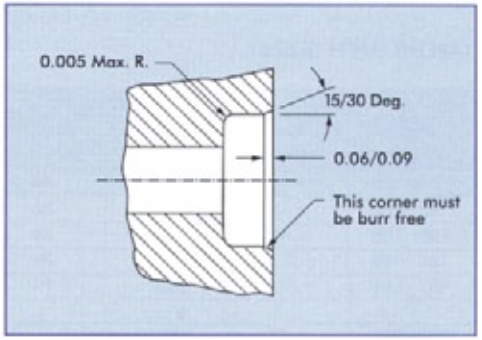
Steel and cast iron provide good surfaces for both rubber covered and metal O.D. seals. For soft alloy (aluminum) bores, rubber covered O.D. seals provide better sealing capability. In aluminum or other soft alloy bores, metal O.D. seals occasionally back out of the bore due to thermal expansion of the soft alloy. Rubber, having a higher coefficient of thermal expansion than carbon steel, will tighten in the bores as temperature rises. Plastic or nylon are not recommended because they typically expand at a high rate causing a major problem for metal O.D. seals. If plastic is to be used, rubber O.D. seals are recommended.

BORE CHAMFER

A bore chamfer is necessary to assist in installation of the seal. To the right is the recommended configuration for the chamfer.

Proper chamfer angle and depth minimizes cocking or lack of squareness of the seal to the shaft, distortion of the seal cases, and reduces assembly **SOG**

RECOMMENDED BORE CHAMFER



SURFACE ROUGHNESS

Excessively rough bore finishes may allow paths for fluid to leak between seal O.D. and bore. Below shows the recommended maximum roughness.

	METAL O.D.	RUBBER O.D.
MAXIMUM ROUGHNESS	100 µM inch Ra	150 µM Ra
	2.50 µM Ra	3.75 µM Ra
	12.5 mm R_{MAX}	
	492 µ inch R_{MAX}	

The rubber O.D. seal is capable of functioning with a rougher finish.

	METAL O.D.	RUBBER O.D.
MAXIMUM ROUGHNESS	None	60 µinch Ra
	None	2.4 µM Ra

A minimum bore roughness is recommended for rubber O.D. seals. This improves retention.

BORE DIAMETER TOLERANCE

The recommended housing bore diameter, bore tolerance and nominal pressfit.

TABLE 8 **INCH SIZES**

BORE DIAMETER	BORE TOLERANCE	NORMAL PRESSFIT		O.D. TOLERANCE (1)		OUT OF ROUND (2)	
		SEALS WITH METAL O.D.	SEALS WITH RUBBER O.D.	SEALS WITH METAL O.D.	SEALS WITH RUBBER O.D.	SEALS WITH METAL O.D.	SEALS WITH RUBBER O.D.
Up to 1.000	±.001	.004	.006	±.002	±.003	.005	.010
1.001 - 2.000	±.001	.004	.006	±.002	±.003	.006	.012
2.001 - 3.000	±.001	.004	.006	±.002	±.003	.006	.014
3.001 - 4.000	±.0015	.005	.008	±.002	±.004	.007	.018
4.001 - 6.000	±.0015	.005	.010	+.003 −.002	±.004	.009	.023
6.001 - 8.000	±.002	.006		+.003 −.002		.012	
8.001 - 9.000	±.002	.007		+.004 −.002		.015	
9.001 - 10.000	±.002	.008		+.004 −.002		.015	

TABLE 9 **EQUIVALENT METRIC SIZES**

BORE DIAMETER	BORE TOLERANCE	NORMAL PRESSFIT		O.D. TOLERANCE (1)		OUT OF ROUND (2)	
		SEALS WITH METAL O.D.	SEALS WITH RUBBER O.D.	SEALS WITH METAL O.D.	SEALS WITH RUBBER O.D.	SEALS WITH METAL O.D.	SEALS WITH RUBBER O.D.
Up to 25.00	±0.025	0.10	0.15	±0.05	±0.08	0.13	0.25
25.01 - 50.00	±0.025	0.10	0.15	±0.05	±0.08	0.15	0.30
50.01 - 75.00	±0.025	0.10	0.15	±0.05	±0.08	0.15	0.36
75.01 - 100.00	±0.038	0.13	0.20	±0.05	±0.10	0.18	0.46
100.01 - 150.00	±0.038	0.13	0.25	+0.08 −0.05	±0.10	0.23	0.58
150.01 - 200.00	±0.051	0.15		+0.08 −0.05		0.30	
200.01 - 225.00	±0.051	0.18		+0.10 −0.05		0.38	
225.01 - 250.00	±0.051	0.20		+0.10 −0.05		0.38	

(1) Seal O.D. - The average of a minimum three measurements to be taken at equally spaced positions.
(2) Out of Round (OOR) - The maximum variance between any of the readings used in determining seal O.D.

www.sealtech.vn

MATERIAL SELECTION

LIP MATERIAL

One of the most important components of the seal is the elastomer material. Freudenberg-SOG has specially developed elastomer blends to meet a wide variety of sealing requirements. Available are many classes of materials with over 100 individual formulas to satisfy various sealing conditions. Table 10 and Table 11 provide general information and fluid compatibility ratings.

TABLE 10 GENERAL ELASTOMER INFORMATION

BASE POLYMER	NITRILE	POLYACRYLATE	SILICONE	FLUOROELASTOMER
TEMPERATURE* RANGE	-50°F ~ 250°F -45°C ~ 125°C	-20°F ~ 300°F -30°C ~ 150°C	-80°F ~ 400°F -60°C ~ 200°C	-30°F ~ 400°F -35°C ~ 200°C
Oil Resistance	●	●	■	●
Acid Resistance	■	▲	▲	▲
Alkali Resistance	■	❖	❖	▲
Water Resistance	■	▲	■	■
Heat Resistance	■	●	●	●
Cold Resistance	■	▲	■	▲
Wear Resistance	●	●	■	●
Ozone Resistance	■	●	●	●

	ADVANTAGES	DISADVANTAGES
NITRILE	• Commonly referred to as Buna-N and is Copolymer of Butadiene and Acryonitrile • Low cost • Good resistance to petroleum oils, water, silicone oils, greases, glycol base fluids • Good abrasion resistance, cold flow, tear resistance	• Poor resistance to ozone and weather aging
POLYACRYLATE	• Polymerised acrylic acidesters • Good resistance to mineral oils, hypoid gear oils, E.P. additives, greases, aging and flex cracking • Higher temperature limit than Nitrile	• Fair cold temperature limit • Lower mechanical strength • Costs slightly higher than Nitrile • Poor dry running ability, water resistant
SILICONE	• Broad temperature range • Good ozone resistance • Resistant to compression set	• Low resistance to hydrocarbon fluids like gasoline or paraffin fluids or steam above 50 psi • Cost is higher than Polyacrylate
FLUOROELASTOMER	• Good temperature resistance • Compatible with wide range of fluids • Commonly chosen as high temperature replacement for Nitrile or Polyacrylate	• Fair resistance to water, dry running • Low temperature resistance is fair • Cost is high

* Maximum temperature limits dependent on other operating conditions.
1. ● Very good.
■ Good for most applications.
▲ Fair, can be used if no other materials available but otherwise not recommended.
❖ Not recommended
2. Phosphate Ester and Water Glycol hydraulic fluids are not included in the Table.
3. Water resistance includes steam. No material is ideally compatible as lubricity of water is very poor.
4. PTFE, Ethylene Acrylate, and other elastomers are available.

TABLE 11 FLUID COMPATIBILITY

TYPE OF FLUID TO BE SEALED		LIP MATERIAL			
		NITRILE	POLYACRYLATE	SILICONE	FLUOROELASTOMER
Engine Oil	SAE 30 Wt.	●	●	●	●
	SAE 10 Wt.	●	●	■	●
Gear Oil	Super Gear	●	●	▲	●
	Hypoid Gear	■	■	❖	●
Turbine Oil No. 2		■	■	■	●
Machine Oil No. 2		■	■	▲	●
Automatic Transmission Fluid		●	●	▲	●
Petroleum Base Lubricating Oil		●	●	▲	●
Gasoline		▲*	❖	❖	●
Light Oil/Kerosene		▲	❖	❖	■
Cutting Oil		●	■	▲	●
Grease		●	●	●	●
E.P. Lubricants		■	●	❖	●
Water-Glycol		●	❖	■	▲
Alcohol		●	❖	■	▲
20% Hydrochloric Acid Solution		▲	▲	▲	●
30% Sulfuric Acid Solution		▲	▲	❖	●

* Special compound available.
1. ● Very good.
■ Good for most applications.
▲ Fair, can be used if no other materials available but otherwise not recommended.
❖ Not recommended

METAL CASE AND SPRING

The other major components of a seal are the metal case and garter spring. Table 12 lists the material specification Freudenberg-SOG uses for its components.

TABLE 12 CASE AND SPRING SPECIFICATION

CASE		SPRING	
SAE NO.	APPLICATION	ASTM OR SAE NO.	APPLICATION
1008 ~ 1010	General	A228 ~ A227	General
30302 ~ 30304	Special Corrosion Resistance Condition	30302 ~ 30304	Special Corrosion Resistance Condition

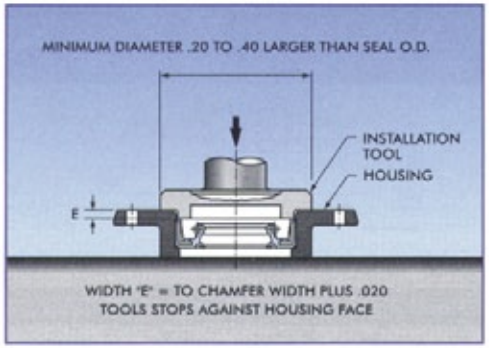
The metal case is produced from carbon steel for general applications in oil or grease. For special applications when sealing sea water or corrosive fluids or gasses, stainless steel can be applied at an increase in price. With water applications, cost may be reduced by using a rubber covered design with carbon steel case. For the garter spring, piano wire is used for general applications. Where corrosion resistance or extreme heat resistance is required, stainless steel is available.

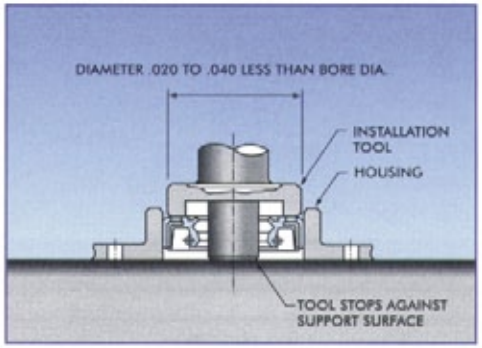
www.sealtech.vn

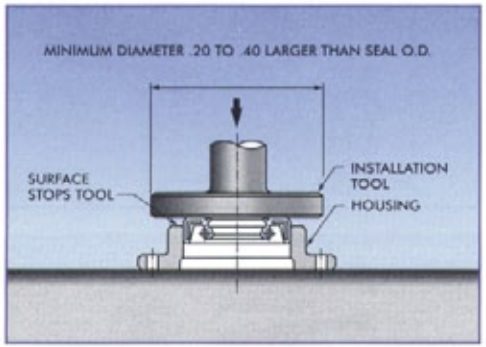
OIL SEAL INSTALLATION PROCEDURES

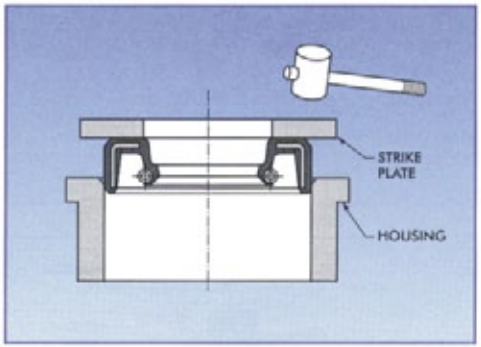
The subject of installation represents an area commonly overlooked when selecting an oil seal for an application. Studies have shown this area to be one of the major causes of premature seal failure. To assist the installation, the seal should be prelubricated with grease or oil to reduce sliding friction of contact surfaces. This will also help protect the seal lips during initial run-in. An installation tool should always be used when installing an oil seal. The use of a tool improves ease of installation and reduces the possibility of seal cocking (non-perpendicular to shaft). A hydraulic or pneumatic press is advised to supply necessary force to install the seal. Following are examples of both recommended and improper installation methods.

ACCEPTABLE METHOD



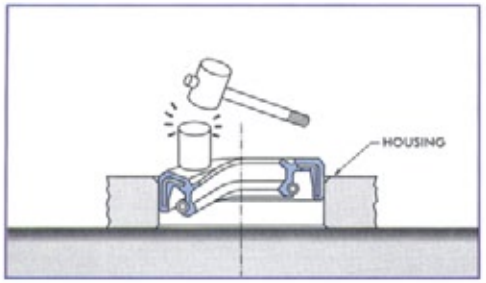


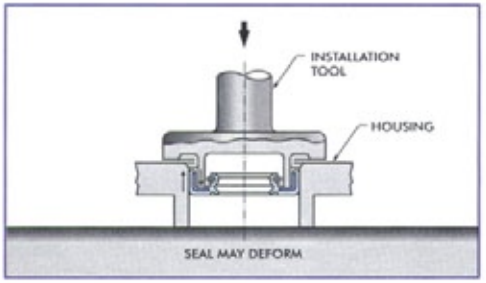


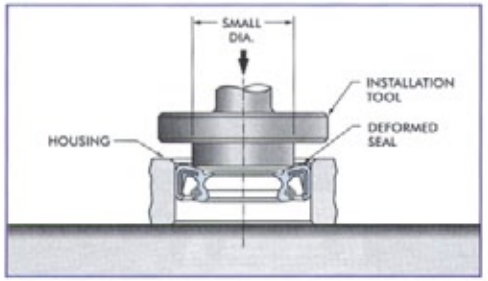


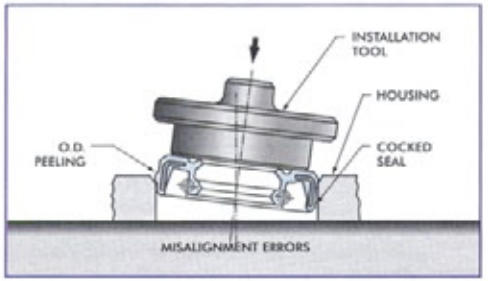
In each preferred method, installation load is absorbed by either housing or bottom plate to prevent seal damage and to assist in locating the seal properly within the bore.

IMPROPER METHOD









SHAFT INSTALLATION

The advisable sequence of installation is to install the seal over the shaft and then into the housing bore. Care should be exercised not to damage or deform the seal lip. The proper chamfer angle will minimize this problem. When installing over a keyway or spine, a sleeve or bullet should be employed to protect the seal lip from cuts (reference figure 6).

Where the shaft must be installed through the seal, centering guides for the shaft will prevent lip deformation and dislodging of the spring. When possible, the shaft should be rotated as it passes through the seal to reduce sliding friction.

Figure 6. Seal Installation Over Shaft Splines

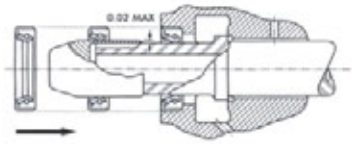


Figure 7. Heavy Weight Housing

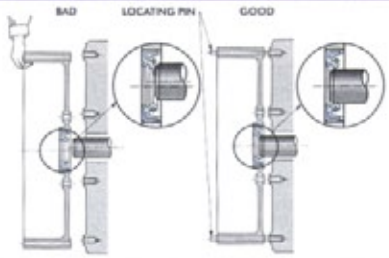
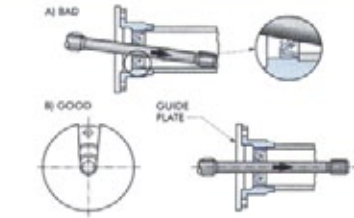


Figure 8. Long Shaft



www.sealtech.vn

STANDARD SEAL DESIGNS

Table 1 illustrates the 31 MFC standard designs, usually used for a variety of application conditions.

TABLE 1. MFC Standard seals

Body Symbol \ Lip Symbol	S With single lip design for general nonpressure fluid sealing applications and heavy grease sealing conditions	T With dust lip added capable are the same as S. type and dust lip can exclude light foreign materials	V With single lip non-spring loaded design for sealing grease or viscous fluid	K Dust lip added capable functions are the same as V type and dust lip can exclude light foreign materials	D With double garter spring loaded lips specially designed for the separation of two different fluids.
A These are assembled type, Metal O.D. reinforced with an inner case for greater structual rigidity.	SA	TA	VA	KA	DA
A_1 An auxiliary metal rings to prevent the root of the lip against deformation due to high pressure, others the same as A type.	SA1	TA1	VA1	KA1	
A_2 Semi-assembled type Design for special packing materials or heavy duty outer cases necessary.	SA2	TA2	VA2	KA2	
B Metal O.D. This is one of the popular designs. The root of sealing lip is bonded to the I.D. of the metal case.	SB	TB	VB	KB	DB
B_1 An auxiliary ring to prevent the root of the lip against deformation due to high pressure, others the same as B type.	SB I	TB1	VB1	KB1	
C Rubber O.D. and an inner metal components design for excellent O.D. sealing ability.	SC	TC	VC	KC	DC
C_1 An auxiliary ring to prevent the root of the lip against deformation due to high pressure, others the same as C type.	SC1	TC1	VC1	KC1	

NOTE:
Metal encased seals are most suitable for steel or cast iron housing materials, with low coefficient of thermal expansion and fine bore finishes.

Rubber coverd O.D. seals are most suitable for soft alloy or plastic housing materials and also suitable for steel or cast iron housings materials, with high coefficient of thermal expansion and rough bore finishes.

Selection of an oil seal design is dependent on whether the operating conditions exceed the limits of the design. The three operating parameters that mainly affect the design's ability to function are eccentricity, pressure, and shaft speed. In this section, these limits are reviewed.

5.1 "S" AND "T" LIP DESIGNS

SB1	SB	SC	TB1	TB	TC
					

Table 5.1 illustrates standard seal designs, beginning with "S" and "T" lip symbols for general nonpressure applications. The "S" design is a single lip oil seal with a garter spring to provide a consistent radial load against the shaft.

The "T" design uses the same primary lip configuration, with an auxiliary dust lip to provide effective light duty dust exclusion. Below is a table listing approximate limits of the "S" and "T" lip designs.

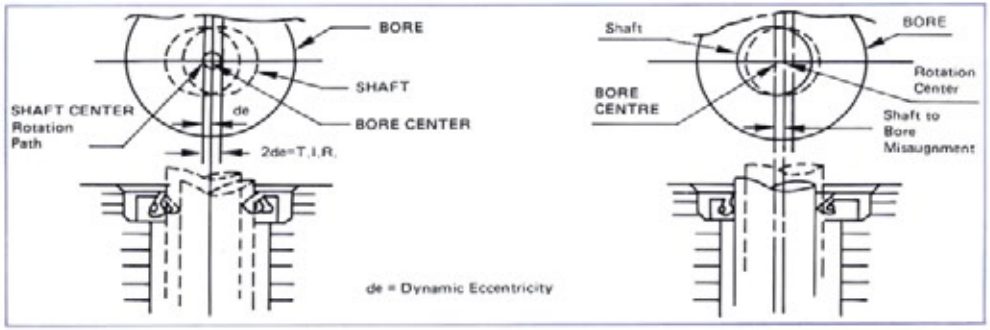
TABLE 2.

SHAFT DIAMETER	NITRILE LIP MAXIMUM CONTINUOUS SHAFT SPEED 1.	MAXIMUM CONTINUOUS PRESSURE 2.	MAXIMUM TOTAL ECCENTRICITY 3.
General	3,500 rpm	5 psi	.020"
.500	8,000 rpm	5 psi	.004"
1.000	7,000 rpm	5 psi	.006"
2.000	4,500 rpm	5 psi	.010"
3.000	3,800 rpm	5 psi	.013"
4.000	2,750 rpm	5 psi	.017"

Notes:
1. Higher shaft speeds possible using high temperature materials such as polyacrylate, silicone or fluoroelastomer.
2. Slightly higher continuous pressure possible for shaft speeds below 200 ft./min.
3. Higher eccentricity is allowable if shaft speed is reduced.

Total eccentricity consists of two components, shaft runout and shaft to bore misalignment (offset). The eccentricity is determined as follows:

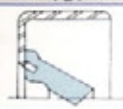
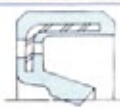
Figure 1. Eccentricity



Combining the two results in maximum eccentricity which the seal lip must follow to function effectively. As eccentricity increases or shaft speed increases, it becomes more difficult for the lip to follow.

www.sealtech.vn

5.2 "V" AND "K" LIP DESIGNS

VB1	VB	VC	KB1	KB	KC
					

The "V" and "K" type designs are low cost seals designed primarily for retention of grease or similar viscous fluids. The "V" type is a single lip seal. The "K" type has an auxiliary lip for light dust exclusion.

TABLE 3.

SHAFT DIAMETER	MAXIMUM SHAFT SPEED	MAXIMUM CONTINUOUS PRESSURE	MAXIMUM TOTAL ECCENTRICITY 1.
General	2,000 rpm	4 psi	.005"
.500	4,000 rpm	4 psi	.003"
1.000	3,000 rpm	4 psi	.006"
2.000	2,300 rpm	4 psi	.006"
3.000	1,700 rpm	4 psi	.008"
4.000	1,400 rpm	4 psi	.010"

Note: 1. Higher eccentricity is allowable if maximum shaft speed is reduced.

In comparison with the "S" and "T" lip design, the major reduction in design limits of the "V" and "K" type is the result of the absence of a garter spring. However, for grease applications where lubricant's ability to flow is reduced, these nongarter spring seals are very cost effective designs to use.

5.3 WIPER SEALS DESIGNS

TYPE 470	TYPE 420	TYPE 380
		

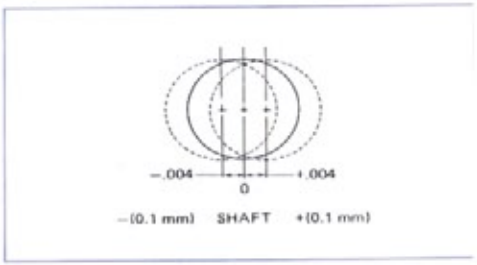
WIPER SEAL design was developed as a dust wiper (scraper) for reciprocating applications such as hydraulic cylinder rods. As a result, the operating limits for the design are slightly different from "V" and "K" types.

Maximum shaft motion is linear velocity of 200 ft./min. (1M/sec.).

Maximum pressure capability is 4 psi (.28 Kg/cm^2). Stroke length should be limited to 78 inches (1.98m) maximum.

Eccentricity considerations involve only shaft-to-bore misalignment. Maximum allowable is ±0.004 inch (0.1 mm).

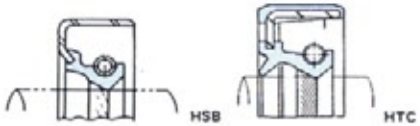
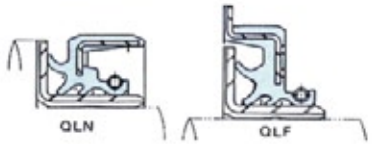
Figure 2. MISALIGNMENT



5.4 NONSTANDARD DESIGNS

Special applications which cannot be adequately satisfied by standard designs are illustrated on Table 4.

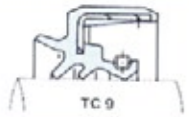
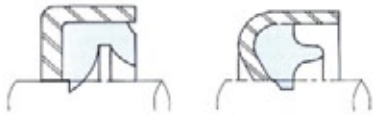
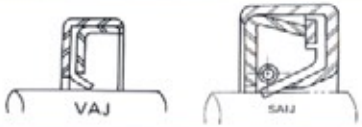
TABLE 4.

SPECIAL DESIGN	DESIGN CHARACTERISTICS
"TCN" (High Pressure)  TCN	Type "TCN" is designed for high pressure applications where continuous pressure may reach 150 psi (10.6 Kg/cm^2). Maximum pressure limit is dependent on shaft speed.
"H" Style  HSB HTC	The helical ribs added on air side of sealing lips can help slight oil leakage pump back. Under the seal lip, the main lip design is the same as standard seal. H style lips designs are available for both clockwise and counter clockwise directions.
"T4" (Reciprocating)  T84 TC4	"T4" style seals are specially designed for severe reciprocating shaft applications.
"QL" (Sleeve Oil Seals)  QLN QLF	The "QL" seals are specially designed for application in the environment as mud or very dirty fluid. But maximum shaft speed should be limited under 10 ft/sec (3M/sec).
WIPER SEALS (Reciprocating)  TYPE 470 TYPE 420 TYPE 380	Dust wiper for hydraulic cylinders. Not recommended for pressures above 5 psi (.35 Kg/cm^2).

www.sealtech.vn

MFC can supply a number of other special seals which are not usually standard in application nature. Table 5 illustrates a few of these designs.

TABLE 5.

DESIGN TYPE	APPLICATION	EXAMPLE
VS	Valve Stem Seal	
Y	Special Mud Seal	
"5"	Flange Seals	
"9"	Side Lip Seals	
"UJ"	Universal Joint Seals	
"RJ"	PTFE Seals	
"O"	Rotating Bore	

LISTINGS OF AVAILABLE TYPES AND SIZES

SHAFT SIZE LISTING (INCH SIZE)

TABLE 12. BORE DIAMETER IN INCH SIZES

BORE DIAMETER	BORE TOLERANCE	NOMINAL PRESSFIT		O. D. – TOLERANCE (1)	ECCENTRICITY (2)	
		SEALS WITH METAL O.D.	SEALS WITH RUBBER O.D.	SEALS O.D.	SEALS WITH METAL O.D.	SEALS WITH RUBBER O.D.
Up to 1.000	±.001	BORE DIA +.004	BORE DIA +.006	±.002	.005	.010
1.001 – 2.000	±.001	BORE DIA +.004	BORE DIA +.007	±.002	.005	.010
2.001 – 3.000	±.001	BORE DIA +.004	BORE DIA +.008	+.002	.008	.015
3.001 – 4.000	+.0015	BORE DIA +.005	BORE DIA +.010	+.002	.010	.020
4.001 – 6.000	+.0015	BORE DIA +.005	BORE DIA +.010	+.003 −.002	.010	.020
6.001 – 8.000	±.002	BORE DIA +.006	BORE DIA +.010	+.003 −.002	.012	.025
8.001 – 10.000	+.002	BORE DIA +.008	BORE DIA +.010	+.004 −.002	.015	.030
10.001 – 20.000	+.002	BORE DIA +.008	BORE DIA +.010	+.006 −.002	.020	.040

(1) Seal O.D. – The average of minimum three measurements to be taken at equally spaced positions.
(2) Eccentricity – The maximum variance between any of readings used in determining Seal O.D.

www.sealtech.vn

LISTINGS OF AVAILABLE TYPES AND SIZES

SHAFT SIZE LISTING (METRIC SIZE)

TABLE 13. BORE DIAMETER IN METRIC SIZES

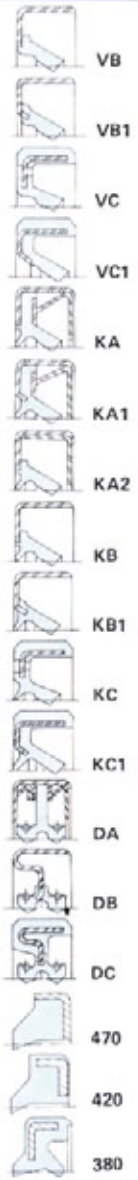
BORE DIAMETER	BORE TOLERANCE	NOMINAL PRESSFIT		O.D. TOLERANCE		ECCENTRICITY	
		METAL O.D.	RUBBER O.D.	METAL O.D.	RUBBER O.D.	METAL O.D.	RUBBER O.D.
6.1 – 50	±0.025	+0.15	+0.23	±0.05	±0.07	0.12	0.25
50.1 – 80	±0.025	+0.18	+0.28	±0.05	±0.07	0.18	0.35
80.1 – 120	±0.040	+0.20	+0.28	±0.05	±0.07	0.25	0.50
120.1 – 180	±0.040	+0.23	+0.35	±0.05	±0.10	0.33	0.65
180.1 – 300	±0.050	+0.25	+0.35	±0.05	±0.10	0.40	0.80
300.1 – 500	±0.070	+0.29	+0.43	±0.06	±0.12	0.50	1.00

(1) Seal O.D. – The average of minimum three measurements to be taken at equally spaced positions.
(2) Eccentricity – The maximum variance between any of the readings used in determining Seal O. D.

STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA	3.00	10.00	6.0	VC	CF003EZ06
	3.80	9.30	3.5	VC	CF003GS35
		9.50	3.5	VC	CF003GU35
SA1	4.00	5.00	0.375	DB	ED004ZURH
		5.00	0.4375	DB	ED004ZURB
		11.00	6.0	SC	AF004EE06
SA2		12.00	6.0	SC	AF004ER06
		13.00	4.0	VC	CF004ES04
	5.00	15.00	6.0	SC	AF005EU06
SB		15.00	7.0	SC	AF005EU07
		16.00	7.0	SC	AF005EL07
		18.00	7.0	SB	AD005EB07
SB1		18.00	7.0	SC	AF005EB07
		18.00	7.0	TC	BF005EB07
		22.00	7.0	TC	BF005RR07
SC	5.50	16.00	7.0	SC	AF05HEL07
		16.00	8.0	KC	DF005EL08
	6.00	12.00	5.5	SC	AF006ER5H
SC1		14.00	4.0	VC	CF006EH04
		15.00	4.0	SC	AF006EU04
		15.00	4.0	VC	CF006EU04
		15.00	7.0	SC	AF006EU07
TA		16.00	7.0	SC	AF006EL07
		16.00	7.0	TC	BF006EL07
		18.00	7.0	KC4	DJ006EB07
		18.00	7.0	KC4	DFH06EB07
TA1		18.00	7.0	SC	AF006EB07
		19.00	6.0	SC	AF006EG06
		19.00	7.0	SC	AF006EG07
TA2		22.00	7.0	SC	AF006RR07
		22.00	7.0	VC	CF006RR07
		24.00	7.0	SC	AF006RH07
TB	6.30	22.00	7.0	TC	BF6P3RR07
	7.00	17.00	7.0	VC	CF007EC07
		17.20	8.0	VC	CF007EC08
TB1		19.00	6.0	SC	AF007EG06
		22.00	7.0	SC	AF007RR07
		22.00	7.0	TC	BF007RR07
TC	8.00	12.00	6.0	VC	CF008ER06
		15.00	5.0	SC	AF008EU05
		16.00	5.0	SC	AF008EL05
TC1		16.00	6.0	SC	AF008EL06
		16.00	7.0	SA	AA008EL07
		16.00	7.0	SC	AF008EL07
AV		16.00	7.0	TC	BF008EL07
		18.00	5.0	SC	AF008EB05
		18.00	8.0	VCY	VCY08EB08
VA1		20.00	5.0	TC	BF008RZ05
		22.00	6.5	TC	BF008RR65
		22.00	7.0	SC	AF008RR07
		22.00	7.0	TC	BF008RR07
VA2		22.00	8.0	SC	AF008RR08
		22.00	8.0	TC	BF008RR08
		25.00	5.0	TC	BF008RU05

www.sealtech.vn

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
8.00	25.00	8.0	TC	BF008RU08	
9.00	16.00	3.0	VB	CD009EL03	
	16.00	7.0	TC	BF009EL07	
	18.00	5.0	SC	AF009EB05	
	20.00	5.0	SC	AF009RZ05	
	22.00	7.0	SC	AF009RR07	
	22.00	8.0	SC	AF009RR08	
	24.00	7.0	SC	AF009RH07	
9.53	14.29	2.39	VB	CD009EH02	
10.00	14.00	3.0	VA2	CC010EH03	
	15.00	3.0	VC	CF010EU03	
	16.00	4.0	SB	AD010EL04	
	16.00	4.0	SC	AF010EL04	
	16.00	4.0	VB	CD010EL04	
	16.00	4.0	VC	CF010EL04	
	17.50	8.0	VC	CF010EC08	
	18.00	4.0	SC	AF010EB04	
	18.00	5.0	SC	AF010EB05	
	18.00	5.0	TC	BF010EB05	
	18.00	6.0	SC	AF010EB06	
	18.00	6.0	TC	BF010EB06	
	19.00	7.0	DB	ED010EG07	
	19.00	7.0	SB	AD010EG07	
	19.00	7.0	SC	AF010EG07	
	19.00	7.0	TC	BF010EG07	
	20.00	5.0	TC	BF010RZ05	
	20.00	6.0	SC	AF010RZ06	
	20.00	7.0	TC	BF010RZ07	
	21.00	5.0	SC	AF010RE05	
	22.00	6.0	SC	AF010RR06	
	22.00	7.0	SC	AF010RR07	
	22.00	7.0	TC	BF010RR07	
	22.00	8.0	SA	AA010RR08	
	22.00	8.0	SC	AF010RR08	
	24.00	7.0	SC	AF010RH07	
	25.00	7.0	TC	BF010RU07	
	25.00	8.0	SC	AF010RU08	
	26.00	7.0	SC	AF010RL07	
	26.00	7.0	TC	BF010RL07	
	28.00	7.0	SC	AF010RB07	
	30.00	7.0	SC	AF010SZ07	
	30.00	10.00	SC	AF010SZ10	
11.00	17.00	4.0	SC	AF011EC04	
	17.00	4.0	VC	CF011EC04	
	19.00	7.0	SC	AF011EG07	
	22.00	7.0	SC	AF011RR07	
	22.00	7.0	TC	BF011RR07	
	26.00	7.0	SC	AF011RL07	
11.11	17.60	3.4	VB	CD11ECL34	
11.60	24.00	7.0	SC	AF11PRH07	
	24.00	10.0	SC	AF11PRH10	
12.00	16.00	4.50	SC	AF012EL45	
	18.00	4.50	SC	AF012EB4H	
	18.00	4.5	TB	BD012EB45	



STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA	12.00	19.00	5.0	SC	AF012EG05
		20.00	4.0	SC	AF012RZ04
		20.00	5.0	SB	AD012RZ05
SA1		20.00	5.0	SC	AF012RZ05
		20.00	5.0	TB	BD012RZ05
		20.00	5.0	TC	BF012RZ05
		20.00	7.0	SC	AF012RZ07
SA2		21.00	4.0	SC	AF012RE04
		21.00	5.0	SC	AF012RE05
		21.00	7.0	TC	BF012RE07
SB		22.00	4.0	SC	AF012RR04
		22.00	5.0	SC	AF012RR05
		22.00	5.0	TC	BF012RR05
SB1		22.00	7.0	BAFU2TC	BF012RR07
		22.00	7.0	SC	AF012RR07
		22.00	7.0	TC	BF012RR07
		22.00	6.5/8.0	TC	BF012RR8L
SC		24.00	6.0	TC	BF012RH06
		24.00	7.0	SB	AD012RH07
		24.00	7.0	TC	BF012RH07
SC1		25.00	4.5	TC	BF012RU45
		25.00	5.0	SC	AF012RU05
		25.00	7.0	TC	BF012RU07
TA		25.00	8.0	SC	AF012RU08
		25.00	7/8.5	TC	BF012RU92
		26.00	7.0	SC	AF012RL07
TA1		26.00	7.0	TC	BF012RL07
		26.00	8.0	SC	AF012RL08
		27.00	5.0	TC	BF012RC05
TA2		28.00	7.0	SB	AD012RB07
		28.00	7.0	SC	AF012RB07
		28.00	7.0	TC	BF012RB07
TB		28.00	8.0	TC	BF012RB08
		30.00	5.0	SB	AD012SZ05
		30.00	5.0	SC	AF012SZ05
TB1		30.00	6.0	TC	BF012SZ06
		30.00	7.0	SC	AF012SZ07
		30.00	8.0	SC	AF012SZ08
TC		32.00	5.0	SB	AD012SR05
		32.00	7.0	SC	AF012SR07
		32.00	7.0	TC	BF012SR07
TC1		32.00	10.0	TC	BF012SR10
		35.00	7.0	SC	AF012SU07
		35.00	7.0	TC	BF012SU07
		35.00	10.0	SC	AF012SU10
AV		52.00	5.0	SC	AF012UR05
	12.70	17.46	2.38	VB	CD012EC02
	13.00	19.00	3.0	VC	CF013EG03
		22.00	5.0	SC	AF013RR05
VA1		22.00	6.0	SC	AF013RR06
		25.00	7.0	TC	BF013RL07
		26.00	7.0	SC	AF013RL07
VA2		28.00	7.0	TC	BF013RB07
		30.00	7.0	SC	AF013SZ07

www.sealtech.vn

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
13.00	30.00	8.0	SC	AF013SZ08	VB
	32.00	9.0	VC	CF013SR09	
	32.00	9.5	VB	CD013SR09	
13.70	24.00	5.0	VC	CF013RH05	
14.00	20.00	3.0	VC	CF014RZ03	VB1
	20.00	5.0	SC	AF014RZ05	
	20.00	5.0	VB	CD014RZ05	
	22.00	4.0	SC	AF014RR04	VC
	22.00	4.0	VC	CF014RR04	
	22.00	7.0	SC	AF014RR07	
	24.00	4.0	SC	AF014RH04	VC1
	24.00	5.0	SC	AF014RH05	
	24.00	6.0	SC	AF014RH06	
	24.00	7.0	SA	AA014RH07	KA
	24.00	7.0	SC	AF014RH07	
	24.00	7.0	TC	BF014RH07	
	24.00	8.0	SB	AD014RH08	KA1
	24.00	11.0	SC	AF014RH11	
	25.00	5.0	SC	AF014RU05	
	25.00	7.0	TC	BF014RU07	KA2
	26.00	7.0	SC	AF014RL07	
	26.00	7.0	TC	BF014RL07	
	27.00	10.0	DC	EF014RC10	KB
	28.00	7.0	TC	BF014RB07	
	28.00	8.0	TC	BF014RB08	
	30.00	7.0	SC	AF014SZ07	KB1
	30.00	10.0	TC	BF014SZ10	
	32.00	5.0	SC	AF014SR05	
	32.00	7.0	SC	AF014SR07	KC
	35.00	7.0	SC	AF014SU07	
14.30	19.05	2.18	VB	CD014EG02	
14.60	38.10	6.3	SC	AF14PSB63	KC1
15.00	21.00	4.0	TB	BD015RE04	
	22.00	7.0	SC	AF015RR07	
	23.00	5.0	SC	AF015RS05	DA
	24.00	4.0	SC	AF015RH04	
	24.00	5.0	SC	AF015RH05	
	24.00	7.0	DB	ED015RH07	DB
	24.00	7.0	DC	EF015RH07	
	24.00	7.0	SB	AD015RH07	
	24.00	7.0	SC	AF015RH07	DC
	24.00	7.0	TC	BF015RH07	
	24.00	7.0	TB	BD015RH07	
	25.00	5.0	SC	AF015RU05	470
	25.00	6.0	SC	AF015RU06	
	25.00	6.0	TC	BF015RU06	
	25.00	7.0	SC	AF015RU07	420
	25.00	7.0	TC	BF015RU07	
	25.50	4.6	SC	AF15RUU46	
	26.00	6.0	SC	AF015RL06	380
	26.00	6.0	TB	BD015RL06	
	26.00	6.0	TC	BF015RL06	
	26.00	7.0	SB	AD015RL07	
	26.00	7.0	SC	AF015RL07	

STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA	15.00	26.00	7.0	TB	BD015RL07
		26.00	7.0	TC	BF015RL07
		27.00	7.0	TC	BF015RC07
SA1		27.00	7.0/12.0	Y	YY015RC12
		28.00	3.0	VB	CD015RB03
		28.00	6.0	SC	AF015RB06
SA2		28.00	7.0	DC	EF015RB07
		28.00	7.0	SC	AF015RB07
		28.00	7.0	TC	BF015RB07
SB		30.00	4.5	SC	AF015SZ45
		30.00	7.0	SB	AD015SZ07
		30.00	7.0	SC	AF015SZ07
SB1		30.00	7.0	TC	BF015SZ07
		30.00	7.0	TB	BD015SZ07
		30.00	8.0	SC	AF015SZ08
SC		30.00	8.0	TC	BF015SZ08
		30.00	10.0	SC	AF015SZ10
		30.00	10.0	TC	BF015SZ10
SC1		32.00	7.0	SC	AF015SR07
		32.00	7.0	TC	BF015SR07
		32.00	9.0	SC	AF015SR09
TA		35.00	7.0	SB	AD015SU07
		35.00	7.0	SC	AF015SU07
		35.00	7.0	TC	BF015SU07
TA1		35.00	7.0	VC	CF015SU07
		35.00	8.0	SC	AF015SU08
		35.00	8.0	TC	BF015SU08
TA2		35.00	10.0	SC	AF015SU10
		35.00	10.0	TC	BF015SU10
		37.00	10.0	SC	AF015SC10
TB		40.00	8.0	TC	BF015HZ08
		40.00	10.0	SC	AF015HZ10
		40.00	10.0	TC	BF015HZ10
TB1		42.00	7.0	SC	AF015HR07
		42.00	7.0	TC	BF015HR07
		42.00	8.0	SC	AF015HR08
TC		42.00	8.0	TC	BF015HR08
		42.00	10.0	SC	AF015HR10
		48.00	8.0	TC	BF15HB08
TC1		60.00	7.0	SB	AD015LZ07
	15.80	28.75	6.3	SC	AF15PRB63
	15.88	28.70	6.35	SC	AF15RBC64
AV	16.00	19.00	8.0	VC	CF016EG08
		22.00	4.0	SC	AF016RR04
		22.00	4.0	VB	CD016RR04
VA1		24.00	4.0	SC	AF016RH04
		24.00	7.0	SC	AF016RH07
		26.00	7.0	SC	AF016RL07
VA2		26.00	7.0	TC	BF016RL07
		28.00	7.0	SC	AF016RB07
		28.00	7.0	TC	BF016RB07
		28.65	7.0	TC	BF16RBL07
		30.00	4.0	SC	AF016SZ04
		30.00	6.0	TC	BF016SZ06

www.sealtech.vn

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
16.00	30.00	7.0	SC	AF016SZ07	 VB
	30.00	7.0	TC	BF016SZ07	
	30.00	8.0	SC	AF016SZ08	
	30.00	8.0	TC	BF016SZ08	
	30.00	10.0	SC	AF016SZ10	
	32.00	6.5	TC	BF016SR65	 VB1
	32.00	7.0	SB	AD016SR07	
	32.00	7.0	SC	AF016SR07	
	32.00	9.0	VC	CF016SR09	 VC
	32.00	9.0	VB	CD016SR09	
	35.00	7.0	SC	AF016SU07	
	35.00	7.0	TC	BF016SU07	 VC1
	35.00	8.0	SC	AF016SU08	
	38.00	7.0	TC	BF016SB07	
	40.00	8.0	SC	AF016HZ08	 KA
	40.00	10.0	SC	AF016HZ10	
	42.00	8.0	TC	BF016HR08	
	47.00	7.0	SC	AF016HC07	 KA1
16.20	34.10	3.96	TC	BF16PSH3G	
16.50	27.00	8.0	SC	AF16HRC08	
16.90	28.00	5.0	SC	AF16PRB05	 KA2
17.00	25.00	4.0	SC	AF017RU04	
	26.00	6.0	SC	AF017RL06	
	28.00	5.0	TB	BD017RB05	
	28.00	6.0	SC	AF017RB06	 KB
	28.00	6.0	TC	BF017RB06	
	28.00	7.0	DC	EF017RB07	
	28.00	7.0	SB	AD017RB07	 KB1
	28.00	7.0	SC	AF017RB07	
	28.00	7.0	TB	BD017RB07	
	28.00	7.0	TC	BF017RB07	 KC
	28.00	8.0	TC	BF017RB08	
	28.50	6.0	SC	AF17RBU06	
	28.65	7.0	TC	BF17RBL07	 KC1
	29.00	5.0	SC	AF017RG05	
	29.00	5.0	TC	BF017RG05	
	30.00	6.5	SC	AF017SZ06	 DA
	30.00	6.0	TC	BF017SZ06	
	30.00	7.0	SB	AD017SZ07	
	30.00	7.0	SC	AF017SZ07	 DB
	30.00	7.0	TC	BF017SZ07	
	30.00	8.0	TC	BF017SZ08	
	32.00	7.0	SC	AF017SR07	 DC
	32.00	7.0	TC	BF017SR07	
	32.00	7.5	SB	AD017SR75	
	34.00	7.0	SC	AF017SH07	
	35.00	5.0	SC	AF017SU05	 470
	35.00	6.0	SC	AF017SU06	
	35.00	7.0	SC	AF017SU07	
	35.00	7.0	TB	BD017SU07	 420
	35.00	7.0	TC	BF017SU07	
	35.00	8.0	SC	AF017SU08	
	35.00	8.0	TC	BF017SU08	 380
	35.00	10.0	SC	AF017SU10	

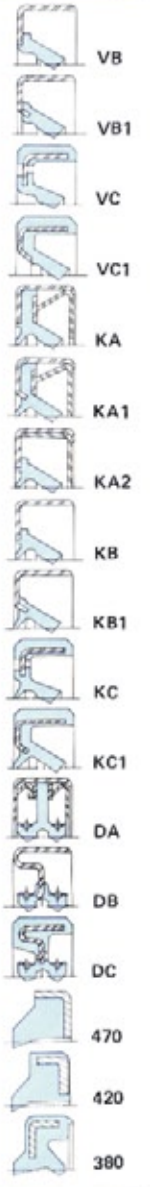
STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
 SA	17.00	37.00	7.0	SC	AF017SC07
		37.00	8.0	TC	BF017SC08
		37.00	10.0	TB	BD017SC10
		38.00	7.0	SC	AF017SB07
 SA1		38.00	7.0	TC	BF017SB07
		40.00	7.0	SC	AF017HZ07
		40.00	7.0	TC	BF017HZ07
		40.00	8.0	SC	AF017HZ08
 SA2		40.00	8.0	TC	BF017HZ08
		40.00	10.0	SC	AF017HZ10
		47.00	8.0	SC	AF017HC08
 SB		47.00	8.0	TC	BF017HC08
		47.00	10.0	SC	AF017HC10
	18.00	24.00	3.0	TB	BD018RH03
 SB1		24.00	3.0	VC	CF018RH03
		24.00	4.0	SB	AD018RH04
		24.00	4.0	VB	CD018RH04
 SC		25.00	6.0	SB	AD018RU06
		27.00	5.0	SC	AF018RC05
		27.00	5.0	VC	CF018RC05
 SC1		28.00	4.0	SC	AF018RB04
		28.00	5.0	SC	AF018RB05
		28.00	6.0	SC	AF018RB06
 TA		28.00	7.0	SB	AD018RB07
		28.00	7.0	TC	BF018RB07
		28.00	8.0	SC	AF018RB08
 TA1		28.00	8.0	TC	BF018RB08
		28.00	6.5/8.0	TC	BF018RB86
		30.00	7.0	SC	AF018SZ07
 TA2		30.00	7.0	TC	BF018SZ07
		30.00	8.0	TC	BF108SZ08
		32.00	5.0	SB	AD018SR05
 TB		32.00	7.0	SC	AF018SR07
		32.00	7.0	TC	BF018SR07
		32.00	8.0	SC	AF018SR08
 TB1		32.00	7/8	TC	BF018SR87
		35.00	7.0	SC	AF018SU07
		35.00	7.0	TC	BF018SU07
 TC		35.00	8.0	SC	AF018SU08
		35.00	8.0	TC	BF018SU08
		35.00	10.0	SC	AF018SU10
		35.00	10.0	TC	BF018SU10
 TC1		37.00	8.0	SC	AF018SC08
		38.00	5.0	SC	AF018SB05
		38.00	7.0	TC	BF018SB07
		40.00	7.0	SC	AF018HZ07
 AV		47.00	10.0	TC	BF018HC10
	18.50	32.00	9.0	VC	CF018SR09
	18.90	30.00	5.0	SC	AF18PSZ05
 VA1		31.37	11.5	TCY	BFY18SE11
	19.00	27.00	6.0	SC	AF019RC06
		30.00	7.0	SC	AF019SZ07
		30.00	8.0	SC	AF019SZ08
 VA2		31.00	8.5/12	TCY	BFY19SE12

www.sealtech.vn

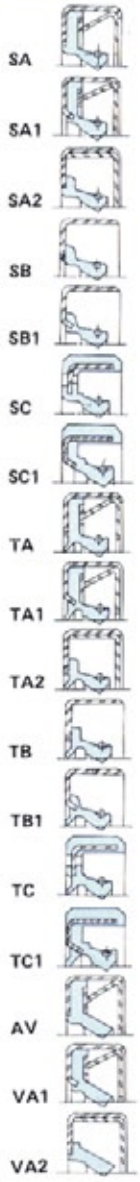
OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER

SHAFT	BORE	HEIGHT	TYPE	CODE-NO
19.00	32.00	7.0	SC	AF019SR07
	32.00	7.0	TC	BF019SR07
	35.00	7.0	SC	AF019SU07
	35.00	7.0	TC	BF019SU07
	35.00	8.0	TC	BF019SU08
	35.00	10.0	SC	AF019SU10
	38.00	7.0	TC	BF019SB07
	40.00	10.0	SC	AF019HZ10
	47.00	7.0	SC	AF019HC07
	47.00	7.0	TC	BF019HC07
	47.00	10.0	SC	AF019HC10
19.05	25.40	3.18	VB	CD019RU03
	45.26	8.0	SC	AF19HHU08
	45.26	8.0	TC	BF19PHU08
20.00	26.00	4.0	VC	CF020RL04
	28.00	4.0	SC	AF020RB04
	28.00	4.0	TB1	BE020RB04
	28.00	6.0	SC	AF020RB06
	28.00	7.0	SC	AF020RB07
	30.00	4.3	SC	AF020SZ43
	30.00	4.5	SC	AF020SZ45
	30.00	4.7	DB	ED020SZZH
	30.00	4.7	SC	AF020SZ47
	30.00	5.0	SC	AF020SZ05
	30.00	5.0	TC	BF020SZ05
	30.00	6.0	SC	AF020SZ06
	30.00	6.0	TC	BF020SZ06
	30.00	7.0	SB	AD020SZ07
	30.00	7.0	SC	AF020SZ07
	30.00	7.0	TB	BD020SZ07
	30.00	7.0	TC	BF020SZ07
	30.00	7/8	TB	BD020SZ08
	30.00	10.0	DC	EF020SZ10
	30.00	10.0	SC	AF020SZ10
	32.00	5.0	SC	AF020SR05
	32.00	7.0	SC	AF020SR07
	32.00	7.0	TC	BF020SR07
	32.00	8.0	TC	BF020SR08
	33.33	10.0	TC	BF20SSP10
	34.00	7.0	SC	AF020SH07
	34.00	7.0	TC	BF020SH07
	35.00	5.0	SC	AF020SU05
	35.00	5.0	TC	BF020SU05
	35.00	5.5	SC	AF020SU55
	35.00	6.0	SC	AF020SU06
	35.00	6.0	TC	BF020SU06
	35.00	7.0	DC	EF020SU07
	35.00	7.0	SC	AF020SU07
	35.00	7.0	TC	BF020SU07
	35.00	8.0	SA	AA020SU08
	35.00	8.0	DC	EF020SU08
	35.00	8.0	SC	AF020SU08
	35.00	8.0	TC	BF020SU08
	35.00	10.0	SC	AF020SU10

STANDARD DESIGNS



STANDARD DESIGNS



OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER

SHAFT	BORE	HEIGHT	TYPE	CODE-NO
20.00	35.00	10.0	TC	BF020SU10
	37.00	7.0	SC	AF020SC07
	37.00	7.0	TC	BF020SC07
	37.00	8.0	SC	AF020SC08
	37.00	10.0	SC	AF020SC10
	38.00	7.0	TC	BF020SB07
	38.00	8.0	SC	AF020SB08
	40.00	6.0	SC	AF020HZ06
	40.00	6.0	TC	BF020HZ06
	40.00	7.0	SC	AF020HZ07
	40.00	7.0	TC	BF020HZ07
	40.00	8.0	SC	AF020HZ08
	40.00	8.0	TC	BF020HZ08
	40.00	10.0	SC	AF020HZ10
	40.00	10.0	SC1	AG020HZ10
	40.00	10.0	TB	BD020HZ10
	40.00	10.0	TC	BF020HZ10
	42.00	7.0	SB	AD020HR07
	42.00	7.0	SC	AF020HR07
	42.00	7.0	TC	BF020HR07
	42.00	8.0	TC	BF020HR08
	42.00	10.0	SC	AF020HR10
	45.00	7.0	SC	AF020HU07
	45.00	8.0	TC	BF020HU08
	46.00	8.0	TC	BF020HL08
	46.00	5.0/10.0	TCY	BFY20HL10
	47.00	7.0	SC	AF020HC07
	47.00	7.0	TC	BF020HC07
	47.00	8.0	TC	BF020HC08
	47.00	8.5	SC	AF020HC85
	47.00	10.0	KC	DF020HC10
	47.00	10.0	SC	AF020HC10
	47.00	10.0	TC	BF020HC10
	47.00	12.0	SC	AF020HC12
	47.00	12.0	TC	BF020HC12
	52.00	7.0	SB	AD020UR07
	52.00	7.0	SC	AF020UR07
	52.00	7.0	TC	BF020UR07
	52.00	8.0	SC	AF020UR08
	52.00	8.0	TC	BF0205208
	52.00	10.0	SC	AF020UR10
	52.00	10.0	TC	BF020UR10
	52.00	10.0	TC4	BFH20UR10
20.55	31.97	6.3	TC	BF20USE63
21.00	31.00	4.0	SC	AF021SE04
	33.00	8/9.5	TC1	BG021SSEZ
	35.00	7.0	TC	BF021SU07
	37.00	7.0	TC	BF021SC07
	40.00	7.0	TC	BF021HZ07
21.20	38.20	6.2	SC1	AG21PSB62
22.00	30.00	4.0	VC	CF022SZ04
	32.00	4.0	SC	AF022SR04
	32.00	5.0	SC	AF022SR05
	32.00	5.5	SC	AF022SR55

www.sealtech.vn

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
22.00	32.00	5.6	SC1	AG022SR56	 VB
	32.00	7.0	SC	AF022SR07	
	32.00	7.0	TC	BF022SR07	
	32.00	7.5	TC4	BFH22SR75	 VB1
	32.00	6.5/8.0	TC	BF022SR86	
	35.00	5.0	TC	BF022SU05	
	35.00	6.0	SC	AF022SU06	 VC
	35.00	7.0	SC	AF022SU07	
	35.00	7.0	TC	BF022SU07	
	35.00	8.0	SC	AF022SU08	 VC1
	35.00	8.0	TC	BF022SU08	
	36.00	7.0	SC	AF022SL07	
	37.00	7.0	SC	AF022SC07	 KA
	37.00	7.0	TC	BF022SC07	
	37.00	8.0	SC	AF022SC08	
	38.00	7.0	SC	AF022SB07	 KA1
	38.00	8.0	SC	AF022SB08	
	38.00	8.0	TC	BF022SB08	
	40.00	7.0	SC	AF022HZ07	 KA2
	40.00	7.0	TC	BF022HZ07	
	40.00	8.0	SC	AF022HZ08	
	40.00	8.0	TC	BF022HZ08	
	40.00	10.0	SB	AD022HZ10	 KB
	40.00	10.0	SC	AF022HZ10	
	40.00	16.0	TC	BF022HZ16	
	42.00	7.0	TC	BF022HR07	 KB1
	42.00	10.0	SC	AF022HR10	
	42.00	11.0	TB	BD022HR11	
	42.00	16.0	TCY	BFY22HR16	
	45.00	7.0	TC	BF022HU07	 KC
	47.00	7.0	SC	AF022HC07	
	47.00	7.0	TC	BF022HC07	
	47.00	10.0	SC	AF022HC10	 KC1
	47.00	10.0	TB	BD022HC10	
	50.00	10.0	SC	AF022UZ10	
	55.00	10.0	SC	AF022UU10	 DA
23.00	32.00	7.0	SC	AF023SR07	
	35.00	6.0	SC	AF023SU06	
	35.00	7.0	SC	AF023SU07	 DB
	35.00	7.0	TC	BF023SU07	
	40.00	6.0	TC	BF023HZ06	
	40.00	8.0	SC	AF023HZ08	
	40.00	10.0	SC	AF023HZ10	 DC
	42.00	10.0	SC	AF023HR10	
23.80	53.18	55.6	BMSF	BM023US55	
24.00	35.00	6.0	SC	AF024SU06	 470
	35.00	7.0	SB	AD024SU07	
	35.00	7.0	SC	AF024SU07	
	35.00	7.0	TC	BF024SU07	 420
	35.00	8.0	TC	BF024SU08	
	36.00	6.0	SC	AF024SL06	
	36.00	7.0	SC	AF024SL07	
	36.00	7.0	TC	BF024SL07	 380
	37.00	7.0	SC	AF024SC07	

STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
 SA	24.00	37.00	9.0	SA2	AC024SC09
		38.00	8.0	TC	BF024SB08
		38.00	10.0	SC	AF024SB10
 SA1		40.00	7.0	SC	AF024HZ07
		40.00	8.0	SC	AF024HZ08
		40.00	8.0	TC	BF024HZ08
 SA2		42.00	7.0	TC	BF024HR07
		42.00	8.0	SC	AF024HR08
		42.00	10.0	SC	AF024HR10
 SB		45.00	7.0	SC	AF024HU07
		47.00	7.0	SC	AF024HC07
		47.00	7.0	TC	BF024HC07
		47.00	10.0	SC	AF024HC10
 SB1		52.00	7.0	TC	BF024UR07
		52.00	9.0	TC	BF024UR09
		62.00	10.0	SC	AF024LR10
	25.00	30.00	7.0	SC	AF025SZ07
 SC		32.00	5.0	SB	AD025SR05
		32.00	6.0	SC	AF025SR06
		32.00	7.0	TB	BD025SR07
 SC1		33.00	4.0	SC	AF025SS04
		33.00	6.0	SC	AF025SS06
		35.00	5.0	SC	AF025SU05
 TA		35.00	5.0	TC	BF025SU05
		35.00	6.0	SB	AD025SU06
		35.00	6.0	SC	AF025SU06
		35.00	6.0	TC	BF025SU06
 TA1		35.00	7.0	DC	EF025SU07
		35.00	7.0	SB	AD025SU07
		35.00	7.0	SC	AF025SU07
 TA2		35.00	7.0	TB	BD025SU07
		35.00	7.0	TC	BF025SU07
		35.00	8.0	SC	AF025SU08
 TB		35.00	8.0	TC	BF025SU08
		36.00	5.0	SC	AF025SL05
		36.00	6.0	SC	AF025SL06
 TB1		36.00	6.0	TB1	BE025SL06
		36.00	7.0	SC	AF025SL07
		36.00	7.0	TC	BF025SL07
 TC		36.00	8.0	TC	BF025SL08
		37.00	6.0	SC	AF025SC06
		37.00	7.0	SC	AF025SC07
		37.00	7.0	TC	BF025SC07
 TC1		37.00	8.0	SC	AF025SC08
		37.00	8.0	TC	BF025SC08
		38.00	7.0	SC	AF025SB07
 AV		38.00	7.0	TC	BF025SB07
		38.00	8.0	TB	BD025SB08
		38.00	8.0	TC	BF025SB08
 VA1		40.00	5.0	SC	AF025HZ05
		40.00	6.0	SB	AD025HZ06
		40.00	6.0	TC	BF025HZ06
 VA2		40.00	7.0	SC	AF025HZ07
		40.00	7.0	TB	BD025HZ07

www.sealtech.vn

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
25.00	40.00	7.0	TC	BF025HZ07	VB
	40.00	8.0	DC	EF025HZ08	
	40.00	8.0	SC	AF025HZ08	
	40.00	8.0	TC	BF025HZ08	VB1
	40.00	10.0	SC	AF025HZ10	
	40.00	10.0	TC	BF025HZ10	
	41.00	7.0	TC	BF025HE07	VC
	41.20	6.0	TC	BF025HE06	
	42.00	3.0	VC	CF025HR03	
	42.00	6.0	SC	AF025HR06	VC1
	42.00	6.0	TC	BF025HR06	
	42.00	7.0	SC	AF025HR07	
	42.00	7.0	TC	BF025HR07	KA
	42.00	8.0	SC	AF025HR08	
	42.00	8.0	TC	BF025HR08	
	42.00	9.0	TC	BF025HR09	KA1
	42.00	10.0	SC	AF025HR10	
	42.00	10.0	TC	BF025HR10	
	43.00	10.0	TC	BF025HS10	KA2
	44.00	7.0	TC	BF025HH07	
	45.00	7.0	SC	AF025HU07	
	45.00	7.0	TC	BF025HU07	KB
	45.00	10.0	SB	AD025HU10	
	45.00	10.0	SC	AF025HU10	
	45.00	10.0	TC	BF025HU10	KB1
	46.00	7.0	TC	BF025HL07	
	47.00	7.0	SB	AD025HC07	
	47.00	7.0	SC	AF025HC07	KC
	47.00	7.0	TB	BD025HC07	
	47.00	7.0	TC	BF025HC07	
	47.00	8.0	SC	AF025HC08	KC1
	47.00	8.0	TB1	BE025HC08	
	47.00	8.0	TC	BF025HC08	
	47.00	10.0	SC	AF025HC10	DA
	47.00	10.0	TB2	BDR25HC10	
	47.00	10.0	TC	BF025HC10	
	48.00	7.0	TC	BF025HB07	DB
	48.00	8.0	SC	AF025HB08	
	48.00	8.0	TC	BF025HB08	
	48.50	7.0	TC	BF25HBU07	DC
	50.00	10.0	SC	AF025UZ10	
	50.00	12.0	SC	AF025UZ12	
	52.00	4.0	KC	DF025UR04	470
	52.00	7.0	DC	EF025UR07	
	52.00	7.0	KC	DF025UR07	
	52.00	7.0	SB	AD025UR07	420
	52.00	7.0	SC	AF025UR07	
	52.00	7.0	TB	BD025UR07	
	52.00	7.0	TC	BF025UR07	380
	52.00	8.0	SC	AF025UR08	
	52.00	8.0	TC	BF025UR08	
	52.00	10.0	KC	DF025UR10	
	52.00	10.0	SB	AD025UR10	
	52.00	10.0	SC	AF025UR10	

STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA	25.00	52.00	10.0	TC	BF025UR10
		52.00	10.0	VC	CF025UR10
		52.00	15.0	TC	BF025UR15
SA1		52.00	12/14	TB	BD025UREU
		55.00	9.0	TC	BF025UU09
		62.00	7.0	SC	AF025LR07
		62.00	7.0	TC	BF025LR07
SA2		62.00	8.0	SC	AF025LR08
		62.00	8.0	TB	BD025LR08
		62.00	8.0	TC	BF025LR08
SB		62.00	10.0	SC	AF025LR10
		100.00	9.0	SB	AD025ZZ09
	25.30	38.45	9.5	KC6	DFL25SB95
SB1	26.00	31.00	3.0	VB	CD026SE03
		36.00	7.0	SC	AF026SL07
		36.00	10.0	TC	BF026SL10
SC		37.00	7.0	SC	AF026SC07
		37.00	7.0	TC	BF026SC07
		38.00	5.0	TC	BF026SB05
SC1		38.00	7.0	TC	BF026SB07
		38.00	10.0	TC4	BFH26SB10
		40.00	6.0	SC	AF026HZ06
TA		42.00	8.0	TC	BF026HR08
		47.00	10.0	SC	AF026HC10
		47.00	10.0	TC	BF026HC10
TA1		50.00	10.0	SC	AF026UZ10
	27.00	37.00	6.0	SC	AF027SC06
		37.00	7.5/9.5	TC4Y	HY027SC95
TA2		38.00	5.0	VB	CD027SB05
		39.00	10.5	TB4	BDH27SG10
		40.00	6.0	SC	AF027HZ06
TB		40.00	6.0	TB	BD027HZ06
		40.00	7.0	SC	AF027HZ07
		43.00	9.0	SC	AF027HS09
TB1		45.00	6.0	SC	AF027HU06
		45.00	6.0	TC	BF027HU06
		45.00	9.0	SC	AF027HU09
TC		47.00	10.0	SC	AF027HC10
	27.50	37.00	6.9	SC	AF27HSC69
	27.70	44.53	9.5	TC	BF27CHH95
TC1	28.00	35.00	5.0	SC	AF028SU05
		35.00	5.0	TC	BF028SU05
		35.00	7.0	TC	BF028SU07
AV		37.00	6.0	SB	AD028SC06
		38.00	7.0	SB	AD028SB07
		38.00	7.0	SC	AF028SB07
VA1		38.00	7.0	TB	BD028SB07
		38.00	7.0	TC	BF028SB07
		39.00	7.0	TC4	BFH28SG07
VA2		40.00	6.0	SC	AF028HZ06
		40.00	7.0	SC	AF028HZ07
		40.00	7.0	TC	BF028HZ07
		40.00	8.0	TC	BF028HZ08
		40.00	7/8.5	TB	BD028HZZG

www.sealtech.vn

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
28.00	42.00	7.0	SC	AF028HR07	 VB
	42.00	7.0	TC	BF028HR07	
	42.00	8.0	TC	BF028HR08	
	42.00	10.0	SC	AF028HR10	 VB1
	42.00	10.0	TC	BF028HR10	
	43.00	8.0	SC	AF028HS08	
	44.50	8.0	SC	AF28HHU08	 VC
	45.00	7.0	TC	BF028HU07	
	45.00	8.0	SC	AF028HU08	
	45.00	8.0	TC	BF028HU08	 VC1
	45.00	10.0	TC	BF028HU10	
	47.00	7.0	SC	AF028HC07	
	47.00	7.0	TC	BF028HC07	 KA
	47.00	10.0	SC	AF028HC10	
	47.00	10.0	TC	BF018HC10	
	48.00	7.0	SC	AF028HB07	 KA1
	50.80	10.0	TB	BD028UZ10	
	52.00	6.0	TC	BF028UR06	
	52.00	7.0	SC	AF028UR07	 KA2
	52.00	7.0	TC	BF028UR07	
	52.00	10.0	TC	BF028UR10	
	62.00	12.0	SA2	AC028LR12	
	72.00	10.0	SC	AF028CR10	 KB
28.50	44.53	10.0	TC	BF28UHH10	
28.60	43.60	5.0	TB	BD028HS05	
	43.60	5.0	TB3	BDS28HS05	 KB1
29.00	40.00	7.0	SC	AF029HZ07	
	43.00	8.0	TC	BF029HS08	
	45.00	10.0	SC	AF029HU10	 KC
30.00	35.00	2.9	SB	AD030SU29	
	35.00	2.9	VB	CD030SU02	
	40.00	5.0	SC	AF030HZ05	 KC1
	40.00	7.0	SB	AD030HZ07	
	40.00	7.0	SC	AF030HZ07	
	40.00	7.0	TC	BF030HZ07	 DA
	40.00	8.0	DC	EF030HZ08	
	40.00	8.0	SC	AF030HZ08	
	40.00	8.0	TC	BF030HZ08	 DB
	40.00	6.5/8.0	TC	BF030HZ87	
	42.00	4.5	SC	AF030HR45	
	42.00	5.0	TC	BF030HR05	 DC
	42.00	6.0	TC	BF030HR06	
	42.00	7.0	DC	EF030HR07	
	42.00	7.0	SC	AF030HR07	 470
	42.00	7.0	TB	BD030HR07	
	42.00	7.0	TC	BF030HR07	
	42.00	8.0	SC	AF030HR08	 420
	42.00	8.0	TC	BF030HR08	
	42.00	10.0	SC	AF030HR10	
	42.00	10.5	TC4	BFH30HR10	 380
	44.53	10.0	TC	BF30HHU10	
	45.00	5.0	SC	AF030HU05	
	45.00	7.0	SC	AF030HU07	
	45.00	7.0	TC	BF030HU07	

STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
 SA	30.00	45.00	8.0	SC	AF030HU08
		45.00	8.0	TC	BF030HU08
		45.00	9.5	SC	AF030HU95
 SA1		45.00	10.0	SC	AF030HU10
		45.00	10.0	TC	BF030HU10
		45.00	11.0	TC	BF030HU11
 SA2		45.00	12.0	DC	EF030HU12
		46.00	5.0	TC	BF030HL05
		46.00	7.0	SC	AF030HL07
 SB		46.00	7.0	TC	BF030HL07
		46.00	8.0	TC	BF030HL08
		47.00	5.0	SC	AF030HC05
 SB1		47.00	6.0	TC	BF030HC06
		47.00	7.0	SB	AD030HC07
		47.00	7.0	SC	AF030HC07
		47.00	7.0	TC	BF030HC07
 SC		47.00	8.0	SC	AF030HC08
		47.00	8.0	TC	BF030HC08
		47.00	10.0	DC	EF030HC10
 SC1		47.00	10.0	SA2	AC030HC10
		47.00	10.0	SC	AF030HC10
		47.00	10.0	TB	BD030HC10
 TA		48.00	8.0	SC	AF030HB08
		48.00	8.0	TC	BF030HB08
		48.00	10.0	TC	BF030HB10
 TA1		50.00	7.0	SC	AF030UZ07
		50.00	8.0	SC	AF030UZ08
		50.00	8.0	TC	BF030UZ08
 TA2		50.00	8.0	TC4	BFH30UZ08
		50.00	10.0	SA2	AC030UZ10
		50.00	10.0	SC	AF030UZ10
 TB		50.00	10.0	TC	BF030UZ10
		50.00	11.0	TC	BF030UZ11
		50.00	11.0	TC4	BFH30UZ11
 TB1		50.00	12.0	SC	AF030UZ12
		50.00	12.0	TC	BF030UZ12
		52.00	5.0	SC	AF030UR05
 TC		52.00	7.0	SC	AF030UR07
		52.00	7.0	TB	BD030UR07
		52.00	7.0	TC	BF030UR07
 TC1		52.00	8.0	SC	AF030UR08
		52.00	8.0	TB	BD030UR08
		52.00	8.0	TC	BF030UR08
 AV		52.00	10.0	SB	AD030UR10
		52.00	10.0	SC	AF030UR10
		52.00	10.0	TB	BD030UR10
		52.00	10.0	TC	BF030UR10
 VA1		52.00	12.0	SC	AF030UR12
		52.00	12.0	TC	BF030UR12
		53.60	10.0	TC	BF30USL10
 VA2		55.00	6.0	SC	AF030UU06
		55.00	7.0	SC	AF030UU07
		55.00	7.0	TC	BF030UU07
		55.00	10.0	SC	AF030UU10

www.sealtech.vn

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
30.00	55.00	10.0	TC	BF030UU10	VB
	55.00	11.0	SC	AF030UU11	
	55.00	11.0	TC	BF030UU11	
	55.00	12.0	TC	BF030UU12	VB1
	56.00	8.0	SC	AF030UL08	
	57.00	8.0	SC	AF030UC08	
	62.00	7.0	SB	AD030LR07	VC
	62.00	7.0	SC	AF030LR07	
	62.00	7.0	TB	BD030LR07	
	62.00	7.0	TC	BF030LR07	VC1
	62.00	8.0	TB	BD030LR08	
	62.00	8.0	TC	BF030LR08	
	62.00	10.0	SA2	AC030LR10	KA
	62.00	10.0	SC	AF030LR10	
	62.00	10.0	TC	BF030LR10	
	65.00	8.0	TC	BF030LU08	KA1
	65.00	10.0	TC	BF030LU10	
	72.00	8.0	SB	AD030CR08	
	72.00	8.0	SC	AF030CR08	KA2
	72.00	8.0	TB	BD030CR08	
	72.00	10.0	SC	AF030CR10	
	72.00	10.0	TB	BD030CR10	KB
	72.00	10.0	TC	BF030CR10	
	75.00	8.0	TC	BF030CU08	
	75.00	10.0	TC	BF030CU10	KB1
	80.00	8.0	TC	BF030BZ08	
	80.00	10.0	TC	BF030BZ10	
31.00	47.00	7.0	SC	AF031HC07	KC
	47.00	9.5	SB	AD031HC95	
	52.00	6.0	SC	AF031UR06	
	52.00	7.0	SC	AF031UR07	KC1
32.00	24.00	10.0	TC	BF032RH10	
	37.00	7.0	SB	AD032SC07	
	40.00	8.0	SC	AF032HZ08	DA
	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	DB
	44.00	8/9.5	SC1	AG32HH10P	
	44.00	8/9.5	TC1	BG032HHEZ	
	44.53	9.0	TC	BF32HHU09	DC
	45.00	6.0	SC	AF032HU06	
	45.00	7.0	SC	AF032HU07	
	45.00	7.0	TC	BF032HU07	470
	45.00	8.0	SC	AF032HU08	
	45.00	8.0	TC4	BFH32HU08	
	45.00	4/8	SA	AA032HUZB	420
	45.00	10.0	TC	BF032U10	
	46.00	8.0	SC	AF032HL08	
	46.00	8.0	TC	BF032HL08	380
	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		47.00	10.0	TC	BF032HC10
		48.00	5.0	SC	AF032HB05
		48.00	7.0	SC	AF032HB07
SA2		48.00	8.0	SC	AF032HB08
		48.00	8.0	TC	BF032HB08
		48.00	10.0	SC	AF032HB10
SB		50.00	8.0	SC	AF032UZ08
		50.00	10.0	SC	AF032UZ10
		50.00	10.0	TC	BF032UZ10
SB1		52.00	5.0	VC	CF032UR05
		52.00	7.0	SC	AF032UR07
		52.00	7.0	TC	BF032UR07
SC		52.00	8.0	HTC	HBF32UR08
		52.00	8.0	TC	BF032UR08
		52.00	10.0	SC	AF032UR10
SC1		52.00	10.0	TC	BF032UR10
		52.00	12.0	SC	AF032UR12
		54.00	10.0	SC	AF032UH10
TA		54.00	10.0	TC	BF032UH10
		55.00	8.0	SC	AF032UU08
		56.00	10.0	SC	AF032UL10
TA1		58.00	10.0	SC	AF032UB10
		58.00	10.0	TC	BF032UB10
		58.00	12.0	TB3	BDS32UB12
TA2		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		46.50	9.5	TC	BF33HLU95
		50.00	6.0	SC	AF033UZ06
		50.00	8.0	SC	AF033UZ08
TC		50.00	8.0	TC	BF033UZ08
		50.00	12.0	SC	AF033UZ12
		52.00	7.0	TC	BF033UR07
TC1		52.00	10.0	SC	AF033UR10
	33.50	63.75	9.5	BHD	BH33ULS95
	34.00	45.00	7.0	SC	AF034HU07
AV		46.00	8.0	SC	AF034HL08
		46.00	10.0	TC	BF034HL10
		48.00	7.0	TC	BF034HB07
VA1		48.00	8.0	TC	BF034HB08
		50.00	10.0	SC	AF034UZ10
		52.00	8.0	SC	AF034UR08
VA2		52.00	10.0	SA2	AC034UR10
		52.00	10.0	SC	AF034UR10
		52.00	11.0	SC	AF034UR11
		52.00	11.0	TC	BF034UR11
		58.00	13.0	SC	AF034UB13
		62.00	10.0	SC	AF034LR10

www.sealtech.vn

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
35.00	42.80	4.5	VC	CF035HR04	
	44.45	5.0	SC	AF35HHP05	
	45.00	6.0	SC	AF035HU06	VB
	45.00	7.0	SB	AD035HU07	
	45.00	7.0	SC	AF035HU07	
	45.00	7.0	TC	BF035HU07	VB1
	45.00	8.0	TC	BF035HU08	
	47.00	5.0	SC	AF035HC05	
	47.00	6.0	TC	BF035HC06	VC
	47.00	7.0	SB	AD035HC07	
	47.00	7.0	SC	AF035HC07	
	47.00	7.0	TB	BD035HC07	VC1
	47.00	7.0	TC	BF035HC07	
	47.00	8.0	SC	AF035HC08	
	47.00	8.0	TC	BF035HC08	KA
	47.00	9.0	SC	AF035HC09	
	47.00	9.0	TC	BF035HC09	
	47.00	10.0	SC	AF035HC10	KA1
	47.00	10.0	TC	BF035HC10	
	47.00	10.5	TB4	BDH35HC10	
	48.00	8.0	SC	AF035HB08	KA2
	48.00	8.0	TC	BF035HB08	
	48.00	10.0	SC	AF035HB10	
	48.00	11.0/12.0	TC4Y	HY035HB12	KB
	50.00	7.0	SC	AF035UZ07	
	50.00	7.0	TC	BF035UZ07	
	50.00	8.0	SC	AF035UZ08	KB1
	50.00	8.0	TC	BF035UZ08	
	50.00	10.0	SA2	AC035UZ10	
	50.00	10.0	SC	AF035UZ10	KC
	50.00	10.0	TC	BF035UZ10	
	50.00	11.0	HTC	HBF35UZ11	
	52.00	7.0	SB	AD035UR07	KC1
	52.00	7.0	SC	AF035UR07	
	52.00	7.0	TC	BF025UR07	
	52.00	8.0	SC	AF035UR08	DA
	52.00	8.0	TC	BF035UR08	
	52.00	9.0	TC	BF035UR09	
	52.00	10.0	SC	AF035UR10	DB
	52.00	10.0	TC	BF035UR10	
	52.00	12.0	DC	EF035UR12	
	54.00	8.0	SC	AF035UH08	DC
	55.00	8.0	SC	AF035UU08	
	55.00	8.0	TC	BF035UU08	
	55.00	9.0	TC	BF035UU09	
	55.00	10.0	SC	AF035UU10	470
	55.00	10.0	TC	BF035UU10	
	55.00	11.0	SC	AF035UU11	
	55.00	11.0	TC	BF035UU11	420
	55.00	11.0	TCV	VBF35UU11	
	56.00	10.0	SC	AF035UL10	
	56.00	10.0	TC	BF035UL10	
	58.00	8.0	SC	AF035UB08	380
	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
		60.00	12.0	TC	BF035LZ12
SA1		62.00	5.0	SC	AF035LR05
		62.00	7.0	SB	AD035LR07
		62.00	7.0	SC	AF035LR07
SA2		62.00	7.0	TB	BD035LR07
		62.00	7.0	TC	BF035LR07
		62.00	8.0	SC	AF035LR08
SB		62.00	10.0	DC	EF035LR10
		62.00	10.0	SC	AF035LR10
		62.00	10.0	SC1	AG035LR10
SB1		62.00	10.0	TC	BF035LR10
		62.00	12.0	SB	AD035LR12
		62.00	12.0	SC	AF035LR12
SC		62.00	12.0	TC	BF035LR12
		64.00	11.0	TC	BF035LH11
		64.00	13.0	HTC3	HBS35LH13
SC1		65.00	10.0	SC	AF035LU10
		65.00	10.0	TC	BF035LU10
		65.00	12.0	TC	BF035LU12
TA		68.00	6.0	SC	AF035LB06
		68.00	10.0	SC	AF035LB10
		68.00	14.0	DC	EF035LB14
TA1		72.00	7.0	SC	AF035CR07
		72.00	8.0	TC	BF035CR08
		72.00	10.0	SA2	AC035CR10
TA2		72.00	10.0	TC	BF035CR10
		72.00	12.0	SA2	AC035CR12
		72.00	12.0	SC	AF035CR12
TB		72.00	12.0	TC	BF035CR12
		80.00	10.0	SC	AF035BZ10
		80.00	10.0	TC	BF035BZ10
TB1		80.00	12.0	SC	AF035BZ12
		80.00	13.0	SC	AF035BZ13
		85.00	12.0	SC	AF035BU12
	35.80	68.00	10.0	TB	BD35BLB10
TC	36.00	47.00	7.0	SC	AF036HC07
		48.00	10.0	TC	BF036HB10
		50.00	7.0	SC	AF036UZ07
TC1		50.00	10.0	TB2	BDR36UZ10
		52.00	9.0	TC	BF036UR09
		52.00	10.0	TB	BD036UR10
		56.00	9.0	SC	AF036UL09
		83.00	12.0	SC	AF036BS12
AV	36.50	52.48	7.9	SC	AF36HUR79
	36.51	57.15	9.52	SC	AF36HUC95
	36.65	41.75	3.0	VB	CD036HE03
VA1	37.00	52.00	7.0	SB	AD037UR07
		52.00	7.0	SC	AF037UR07
		62.00	7.0	SC	AF037LR07
		62.00	10.0	SC	AF037LR10
VA2	37.50	55.50	9.0	SC	AF37HUU09
	38.00	48.00	4.0	SC	AF038HB04

www.sealtech.vn

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
38.00	50.00	6.0	SC	AF038UZ06	VB
	50.00	7.0	SC	AF038UZ07	
	50.00	7.0	TC	BF038UZ07	VB1
	50.00	8.0	SC	AF038UZ08	
	50.00	8.0	TC	BF038UZ08	VC
	50.00	8.0	TC4	BFH38UZ08	
	52.00	6.0	SC	AF038UR06	VC1
	52.00	7.0	SB	AD038UR07	
	52.00	7.0	SC	AF038UR07	KA
	52.00	7.0	TB	BD038UR07	
	52.00	7.0	TC	BF038UR07	KA1
	52.00	8.0	SC	AF038UR08	
	52.00	8.0	TC	BF038UR08	KA2
	52.00	9.0	SC	AF038UR09	
	52.00	9.5	KC	DF038UR95	KB
	52.00	9.5	SC	AF038UR95	
	52.00	10.0	SB	AD038UR10	KB1
	52.00	10.0	TC	BF038UR10	
	53.00	7.0	SC	AF038US07	KC
	54.00	6.5	SC	AF038UH65	
	54.00	10.0	SC	AF038UH10	KC1
	55.00	4.5	SC	AF038UU45	
	55.00	6.0	SC	AF038UU06	DA
	55.00	7.0	SC	AF038UU07	
	55.00	8.0	SC	AF038UU08	DB
	55.00	8.0	TC	BF038UU08	
	55.00	9.0	TC	BF038UU09	DC
	55.00	10.0	SC	AF038UU10	
	55.00	10.0	TC	BF038UU10	470
	55.00	10.5	SC	AF38UU10H	
	56.00	7.0	SC	AF038UL07	420
	56.00	10.0	SC	AF038UL10	
	56.00	12.0	SC	AF038UL12	380
	58.00	9.0	HTC	HBF38UB09	
	58.00	10.0	SC	AF038UB10	
	58.00	10.0	TC	BF038UB10	
	58.00	11.0	HTC	HBF38UB11	
	58.00	11.0	TB3	BDS38UB11	
	58.00	11.0	TC	BF038UB11	
	58.00	10.0/11.0	TCY	BFY38UB11	
	60.00	10.0	SC	AF038LZ10	
	60.00	10.0	TC	BF038LZ10	
	62.00	7.0	SC	AF038LR07	
	62.00	8.0	SC	AF038LR08	
	62.00	10.0	SC	AF038LR10	
	62.00	12.0	SC	AF038LR12	
	65.00	9.0	TB	BD038LU09	
	65.00	10.0	SC	AF038LU10	
	72.00	12.0	SB	AD038CR12	
	72.00	12.0	SC	AF038CR12	
	72.00	12.0	TC	BF038CR12	
	74.00	11.0	TC	BF038CH11	
39.00	65.00	9.0	SC	AF039LU09	
39.70	62.00	12.0	TC3	BI039LR12	

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
		50.00	6.5/8.0	TC	BF040UZ86
		50.00	10.0	SC	AF040UZ10
SA1		52.00	5.0	TC	BF040UR05
		52.00	6.0	SC	AF040UR06
		52.00	7.0	SC	AF040UR07
		52.00	7.0	TB	BD040UR07
SA2		52.00	7.0	TC	BF040UR07
		52.00	8.0	TC	BF040UR08
		52.00	10.0	SC	AF040UR10
SB		54.00	5.0	TB	BD040UH05
		54.00	5.0	TC	BF040UH05
		54.00	7.0	TC	BF040UH07
SB1		54.00	8.0	TC	BF040UH08
		55.00	7.0	SB	AD040UU07
		55.00	7.0	SC	AF040UU07
SC		55.00	7.0	TC	BF040UU07
		55.00	8.0	SC	AF040UU08
		55.00	8.0	TC	BF040UU08
SC1		55.00	10.0	SC	AF040UU10
		56.00	7.0	SB	AD040UL07
		56.00	7.0	SC	AF040UL07
TA		56.00	7.0	TB	BD040UL07
		56.00	7.0	TC	BF040UL07
		56.00	8.0	SC	AF040UL08
TA1		56.00	10.0	SC	AF040UL10
		56.00	12.0	SC	AF040UL12
		57.00	7.0	SC	AF040UC07
TA2		57.00	10.0	SC	AF040UC10
		58.00	8.0	SB	AD040UB08
		58.00	8.0	SC	AF040UB08
TB		58.00	8.0	TC	BF040UB08
		58.00	9.0	SC	AF040UB09
		58.00	10.0	SC	AF040UB10
TB1		58.00	10.0	TC	BF040UB10
		60.00	7.0	SC	AF040LZ07
		60.00	7.5	SC	AF040LZ75
TC		60.00	7.5	TC	BF040LZ75
		60.00	8.0	SC	AF040LZ08
		60.00	8.0	TC	BF040LZ08
TC1		60.00	10.0	SC	AF040LZ10
		60.00	10.0	TC	BF040LZ10
		60.00	12.0	TC	BF040LZ12
AV		62.00	7.0	SB	AD040LR07
		62.00	7.0	SC	AF040LR07
		62.00	7.0	SC	AF040LR07
VA1		62.00	7.0	TC	BF040LR07
		62.00	8.0	TC	BF040LR08
		62.00	10.0	SC	AF040LR10
		62.00	10.0	TC	BF040LR10
VA2		62.00	11.0	TCV	VBF40LR11
		62.00	11.5	TC	BF40LR11U
		62.00	12.0	OA	OA040LR12

www.sealtech.vn

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
40.00	62.00	12.0	SA	AA040LR12	
	62.00	12.0	TC	BF040LR12	
	62.00	10.0	TBY	BDY40LR12	VB
	62.00	14.0	DC	EF040LR14	
	64.00	12.0	TC	BF040LH12	
	65.00	10.0	DC	EF040LU10	VB1
	65.00	10.0	SC	AF040LU10	
	65.00	10.0	TC	BF040LU10	
	65.00	12.0	DC	EF040LU12	VC
	65.00	12.0	TC	BF040LU12	
	68.00	7.0	SB	AD040LB07	
	68.00	10.0	SC	AF040LB10	VC1
	70.00	10.0	SC	AF040CZ10	
	72.00	7.0	SC	AF040CR07	
	72.00	8.0	SC	AF040CR08	KA
	72.00	9.0	SC	AF040CR09	
	72.00	10.0	SA2	AC040CR10	
	72.00	10.0	SC	AF040CR10	KA1
	72.00	10.0	TC	BF040CR10	
	75.00	12.0	SB	AD040CU12	
	75.00	12.0	SC	AF040CU12	KA2
	75.00	12.0	TC	BF040CU12	
	80.00	8.0	TC	BF040BZ08	
	80.00	10.0	SC	AF040BZ10	KB
	80.00	10.0	TC	BF040BZ10	
	85.00	10.0	SC	AF040BU10	
	90.00	8.0	SC	AF040GZ08	KB1
	90.00	9.0	TC	BF040GZ09	
	90.00	10.0	SC	AF040GZ10	
	90.00	12.0	TC	BF040GZ12	KC
41.00	56.00	7.0	SB	AD041UL07	
	56.00	7.0	SC	AF041UL07	
	56.00	7.0	TB	BD041UL07	KC1
	67.00	9.0	TC	BF041LC09	
	67.00	9.0	TCY	BFY41LC09	
42.00	52.00	8.0	TC	BF042UR08	DA
	55.00	5.0	TC	BF042UU05	
	55.00	7.0	SB	AD042UU07	
	55.00	7.0	SC	AF042UU07	DB
	55.00	7.0	TB	BD042UU07	
	55.00	7.0	TC	BF042UU07	
	55.00	8.0	SC	AF042UU08	DC
	55.00	8.0	TC	BF042UU08	
	56.00	5.0	SC	AF042UL05	
	56.00	5.0	TC	BF042UL05	470
	56.00	6.0	SC	AF042UL06	
	56.00	7.0	SC	AF042UL07	
	56.00	7.0	TC	BF042UL07	420
	56.00	10.0	SC	AF042UL10	
	58.00	7.0	SB	AD042UB07	
	58.00	8.0	TC	BF042UB08	380
	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
		60.00	9.0	SC	AF042LZ09
SA1		60.00	9.0	TC	BF042LZ09
		60.00	10.0	SC	AF042LZ10
		60.00	12.0	TC	BF042LZ12
SA2		62.00	7.0	SC	AF042LR07
		62.00	7.0	TB	BD042LR07
		62.00	7.0	TC	BF042LR07
SB		62.00	8.0	SB	AD042LR08
		62.00	8.0	SC	AF042LR08
		62.00	8.0	TC	BF042LR08
SB1		62.00	10.0	SB	AD042LR10
		62.00	10.0	SC	AF042LR10
		62.00	10.0	TC	BF042LR10
SC		62.00	12.0	TA2	BC042LR12
		62.00	12.0	TC	BF042LR12
		65.00	6.0	SC	AF042LU06
SC1		65.00	7.0	SC	AF042LU07
		65.00	8.0	SC	AF042LU08
		65.00	9.5	TBY	BDY42LU12
TA		72.00	8.0	SC	AF042CR08
		72.00	10.0	SC	AF042CR10
		72.00	10.0	TC	BF042CR10
TA1		72.50	12.0	SC	AF42CRU12
		75.00	12.0	TC	BF042CU12
	43.00	55.00	8.0	KC	DF043UU08
	44.00	60.00	7.0	SC	AF044LZ07
TA2		60.00	10.0	SC	AF044LZ10
		62.00	8.0	TC	BF044LR08
		62.00	10.0	SC	AF044LR10
TB		62.00	10.0	TC	BF044LR10
		64.00	9.0	TC	BF044LH09
		72.00	8.0	SC	AF044CR08
TB1		78.00	12.0	TC	BF044CB12
	44.45	63.50	9.52	SC	AF44PLS95
	44.50	63.63	12.7	TC	BF44ULH13
	45.00	50.00	8.0	SB	AD045UZ08
TC		52.00	4.0	VC	CF045UR04
		52.00	7.0	SC	AF045UR07
		55.00	6.0	SC	AF045UU06
TC1		55.00	7.0	SC	AF045UU07
		57.00	7.5	TC	BF045UC75
		58.00	7.0	SC	AF045UB07
AV		58.00	7.0	TC	BF045UB07
		58.00	7.0	TC4	BFH45UB07
		59.00	10.0	SC	AF045UG10
VA1		60.00	7.0	SC	AF045LZ07
		60.00	7.0	TC	BF045LZ07
		60.00	8.0	SC	AF045LZ08
VA2		60.00	8.0	TC	BF045LZ08
		60.00	9.0	TC	BF045LZ09
		60.00	10.0	SB	AD045LZ10
		60.00	10.0	SC	AF045LZ10

www.sealtech.vn

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
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	
	62.00	7.5	TC	BF045LR75	
	62.00	8.0	SB	AD045LR08	VC
	62.00	8.0	SC	AF045LR08	
	62.00	8.0	TC	BF045LR08	
	62.00	9.0	SC	AF045LR09	VC1
	62.00	9.0	TB2	BDR45LR09	
	62.00	9.0	TC	BF045LR09	
	62.00	10.0	SB	AD045LR10	KA
	62.00	10.0	SC	AF045LR10	
	62.00	10.0	TC	BF045LR10	
	62.00	12.0	SC	AF045LR12	KA1
	65.00	5.0	VC	CF045LU05	
	65.00	8.0	SA	AA045LU08	
	65.00	8.0	SA2	AC045LU08	KA2
	65.00	8.0	SC	AF045LU08	
	65.00	8.0	TC	BF045LU08	
	65.00	10.0	SC	AF045LU10	KB
	65.00	10.0	TC	BF045LU10	
	65.00	12.0	TC	BF045LU12	
	68.00	8.0	SC	AF045LB08	KB1
	68.00	8.0	TC	BF045LB08	
	68.00	10.0	SC	AF045LB10	KC
	68.00	12.0	TC	BF045LB12	
	68.00	12.0	TCV	VBF45LB12	KC1
	70.00	5.0	VC	CF045CZ05	
	70.00	10.0	SC	AF045CZ10	DA
	70.00	12.0	TC	BF045CZ12	
	72.00	7.0	SC	AF045CR07	DB
	72.00	7.0	TB	BD045CR07	
	72.00	8.0	SC	AF045CR08	DC
	72.00	8.0	TC	BF045CR08	
	72.00	10.0	SC	AF045CR10	470
	72.00	10.0	TC	BF045CR10	
	72.00	12.0	SC	AF045CR12	420
	72.00	12.0	TB	BD045CR12	
	72.00	12.0	TB1	BE045CR12	380
	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
	46.20	80.00	10.0	SC	AF46PBZ10
SA2	47.00	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
		62.00	10.0	SC	AF048LR10
SC		62.00	10.0	TC	BF048LR10
		63.00	10.0	SC	AF048LS10
		65.00	7.0	SC	AF048LU07
SC1		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	69.95	9.5	TC	BF49LGG95
	50.00	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
		65.00	9.0	TC	BF050LU09
VA2		65.00	10.0	SB	AD050LU10
		65.00	10.0	SC	AF050LU10
		67.00	10.0	SC	AF050LC10
		68.00	7.0	VC	CF050LB07

www.sealtech.vn

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
50.00	68.00	8.0	SA	AA050LB08	
	68.00	9.0	SC	AF050LB09	
	68.00	9.0	TC	BF050LB09	VB
	68.00	10.0	SC	AF050LB10	
	68.00	10.0	TC	BF050LB10	
	70.00	8.0	SC	AF050CZ08	
	70.00	8.0	TC	BF050CZ08	VB1
	70.00	9.0	TC	BF050CZ09	
	70.00	10.0	SC	AF050CZ10	
	70.00	10.0	TC	BF050CZ10	VC
	70.00	12.0	SC	AF050CZ12	
	70.00	12.0	TC	BF050CZ12	
	72.00	8.0	SB	AD050CR08	VC1
	72.00	8.0	SB	AD050CR08	
	72.00	10.0	SB	AD050CR10	
	72.00	10.0	SC	AF050CR10	KA
	72.00	10.0	TC	BF050CR10	
	72.00	12.0	SC	AF050CR12	
	72.00	12.0	TC	BF050CR12	KA1
	72.00	12.0	TCV	VBF50CR12	
	73.00	9.0	TA2Y	BCY50CS09	
	75.00	10.0	SC	AF050CU10	KA2
	75.00	10.0	TC	BF050CU10	
	75.00	12.0	TC	BF050CU12	
	76.00	12.0	SA	AA050CL12	KB
	80.00	8.0	SC	AF050BZ08	
	80.00	8.0	TC	BF050BZ08	
	80.00	10.0	SC	AF050BZ10	KB1
	80.00	10.0	TC	BF050BZ10	
	80.00	12.0	TC	BF050BZ12	
	80.00	13.0	SA2	AC050BZ13	KC
	80.00	13.0	SC	AF050BZ13	
	82.00	12.0	HTC	HBF50BR12	
	82.00	12.0	TC	BF050BR12	KC1
	85.00	10.0	SC	AF050BU10	
	85.00	10.0	TC	BF050BU10	
	90.00	8.0	TC	BF050GZ08	DA
	90.00	10.0	SB	AD050GZ10	
	90.00	10.0	SC	AF050GZ10	
	90.00	10.0	TC	BF050GZ10	DB
	90.00	13.0	SC	AF050GZ13	
	58.00	5.0	VB	CD051UB05	
	47.00	7.0	TC	BF052HC07	DC
	68.00	7.0	SB	AD052LB07	
	68.00	7.0	TB	BD052LB07	
	68.00	8.0	SC	AF052LB08	
	68.00	10.0	HTC	HBF52LB10	470
	68.00	10.0	SC	AF052LB10	
	68.00	12.0	SC	AF052LB12	420
	70.00	9.0	TC	BF052CZ09	
	72.00	8.0	SC	AF052CR08	
	72.00	10.0	SC	AF052CR10	380
	72.00	10.0	TC	BF052CR10	
	72.00	12.0	SC	AF052CR12	

STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA	52.00	72.00	12.0	TC	BF052CR12
		75.00	12.0	SC	AF052CU12
		80.00	10.0	SC	AF052BZ10
SA1		80.00	13.0	SC	AF052BZ13
		80.00	13.0	TC	BF052BZ13
		85.00	10.0	SC	AF052BU10
	53.00	72.00	10.0	TC	BF053CR10
SA2	54.00	65.00	13.0	SC	AF054LU13
		70.00	8.0	SC	AF054CZ08
		72.00	8.0	SC	AF054CR08
		72.00	8.0	TC	BF054CR08
SB		73.00	16.0	TC	BF054CS16
		76.00	8.0	TC	BF054CL08
	54.40	80.00	8.2	LHD	LH54HBZ82
SB1	55.00	68.00	8.0	SC	AF055LB08
		68.00	8.0	TC	BF055LB08
		68.00	9.0	OC	OC055LB09
SC		68.00	10.0	SC	AF055LB10
		68.00	12.0	TC	BF055LB12
		70.00	8.0	SB	AD055CZ08
SC1		70.00	8.0	SC	AF055CZ08
		70.00	8.0	TC	BF055CZ08
		70.00	9.0	SC	AF055CZ09
TA		70.00	10.0	HTC	HBF55CZ10
		70.00	10.0	SC	AF055CZ10
		70.00	10.0	TC	BF055CZ10
TA1		70.00	16.0	HTC	HBF55CZ16
		72.00	8.0	SC	AF055CR08
		72.00	8.0	TC	BF055CR08
TA2		72.00	9.0	TC	BF055CR09
		72.00	10.0	SC	AF055CR10
		72.00	10.0	TB	BD055CR10
TB		72.00	10.0	TC	BF055CR10
		75.00	10.0	SC	AF055CU10
		75.00	10.0	TC	BF055CU10
TB1		75.00	12.0	SC	AF055CU12
		75.00	12.0	TC	BF055CU12
		76.00	7.0	SC	AF055CL07
TC		78.00	12.0	SB	AD055CB12
		80.00	8.0	SC	AF055BZ08
		80.00	8.0	TB	BD055BZ08
TC1		80.00	8.0	TC	BF055BZ08
		80.00	9.0	TC	BF055BZ09
		80.00	10.0	DC	EF055BZ10
AV		80.00	10.0	SC	AF055BZ10
		80.00	10.0	TC	BF055BZ10
		80.00	12.0	SC	AF055BZ12
VA1		80.00	12.0	TC	BF055BZ12
		80.00	13.0	TB1	BE055BZ13
		80.00	13.0	TB	BD055BZ13
VA2		82.00	12.0	SC	AF055BR12
		85.00	10.0	SC	AF055BU10
		85.00	10.0	TC	BF055BU10
		85.00	13.0	SC	AF055BU13

www.sealtech.vn

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
55.00	85.00	16.0	TB	BD055BU16	
	90.00	10.0	SC	AF055GZ10	
	90.00	10.0	TC	BF055GZ10	VB
	90.00	12.0	SC	AF055GZ12	
	100.00	10.0	SC	AF055ZZ10	
	100.00	10.0	TC	BF055ZZ10	VB1
	100.00	12.0	TC	BF055ZZ12	
	100.00	13.0	SA	AA055ZZ13	
	100.00	13.0	SB	AD055ZZ13	VC
	100.00	13.0	SC	AF055ZZ13	
56.00	70.00	8.0	TC	BF056CZ08	
	72.00	8.0	SB	AD056CR08	VC1
	72.00	8.0	TB	BD056CR08	
	80.00	12.0	TC	BF056BZ12	
57.00	106.00	14.0	SA	AA057ZL14	KA
57.10	76.23	11.7	SC	AF57CL117	
58.00	68.00	10.0	SB	AD058LB10	
	72.00	8.0	SB	AD058CR08	KA1
	72.00	8.0	SC	AF058CR08	
	72.00	8.0	TC	BF058CR08	
	72.00	9.0	TC	BF058CR09	KA2
	72.00	10.0	TC	BF058CR10	
	75.00	9.0	TC	BF058CU09	
	80.00	8.0	SC	AF058BZ08	KB
	80.00	10.0	TC	BF058BZ10	
	80.00	12.0	SC	AF058BZ12	
	80.00	13.0	SC	AF058BZ13	KB1
	80.00	13.0	TA2	BC058BZ13	
	80.00	13.0	TC	BF058BZ13	
60.00	70.00	8.0	SC	AF060CZ08	
	70.00	8.0	TC	BF060CZ08	KC
	72.00	4.0	VC	CF060CR04	
	72.00	7.0	SB	AD060CR07	
	72.00	8.0	SB	AD060CR08	KC1
	72.00	8.0	TB2	BDR60CR08	
	74.00	8.0	TB	BD060CH08	
	75.00	8.0	SA	AA060CU08	DA
	75.00	8.0	SB	AD060CU08	
	75.00	8.0	SC	AF060CU08	
	75.00	8.0	TC	BF060CU08	DB
	75.00	9.0	TC	BF060CU09	
	75.00	10.0	SB	AD060CU10	
	75.00	10.0	SB1	AE060CU10	DC
	75.00	10.0	TB	BD060CU10	
	78.00	9.0	SC	AF060CB09	
	78.00	9.0	TC	BF060CB09	470
	78.00	10.0	SC	AF060CB10	
	80.00	8.0	SB	AD060BZ08	
	80.00	8.0	SC	AF060BZ08	420
	80.00	8.0	TC	BF060BZ08	
	80.00	10.0	DC	EF060BZ10	
	80.00	10.0	SB	AD060BZ10	380
	80.00	10.0	SA2	AC060BZ10	
	80.00	10.0	SC	AF060BZ10	

STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA	60.00	80.00	10.0	TC	BF060BZ10
		80.00	12.0	SC	AF060BZ12
		80.00	13.0	SA2	AC060BZ13
SA1		80.00	13.0	SB1	AE060BZ13
		80.00	13.0	SC	AF060BZ13
		82.00	12.0	TC	BF060BR12
SA2		83.00	13.0	TA2	BC060BS13
		85.00	8.0	SC	AF060BU08
		85.00	8.0	TC	BF060BU08
SB		85.00	10.0	SC	AF060BU10
		85.00	10.0	TC	BF060BU10
		85.00	13.0	TA2	BC060BU13
SB1		90.00	8.0	SC	AF060GZ08
		90.00	8.0	TC	BF060GZ08
		90.00	10.0	SA2	AC060GZ10
SC		90.00	10.0	SC	AF060GZ10
		90.00	10.0	TB	BD060GZ10
		90.00	11.0	TC	BF060GZ11
		90.00	13.0	SC	AF060GZ13
SC1		95.00	10.0	SC	AF060GU10
		110.00	8.0	SB	AD060EZ08
		85.00	13.0	TB	BD061BU13
TA		80.00	10.0	SC	AF062BZ10
		85.00	10.0	SC	AF062BU10
		85.00	13.0	SB	AD062BU13
TA1		90.00	10.0	SC	AF062GZ10
		92.00	13.0	TC	BF062GR13
		80.00	9.0	SB	AD063BZ09
TA2		85.00	10.0	SA2	AC063BU10
		85.00	10.0	SC	AF063BU10
		80.00	8.0	SC	AF064BZ08
TB		80.00	8.0	SB	AD065BZ08
		80.00	8.0	SC	AF065BZ08
		85.00	8.0	SC	AF065BU08
TB1		85.00	10.0	SC	AF065BU10
		85.00	12.0	SA	AA065BU12
		85.00	12.0	SC	AF065BU12
TC		85.00	12.0	TC	BF065BU12
		88.00	10.0	SC	AF065BB10
		88.00	12.0	TC	BF065BB12
TC1		90.00	10.0	DB	ED065GZ10
		90.00	10.0	SA2	AC065GZ10
		90.00	10.0	SC	AF065GZ10
AV		90.00	10.0	TC	BF065GZ10
		90.00	12.0	SA	AA065GZ12
		90.00	12.0	SC	AF065GZ12
VA1		90.00	12.0	TC	BF065GZ12
		90.00	13.0	TA2	BC065GZ13
		90.00	13.0	TC	BF065GZ13
VA2		90.00	15.0	SC	AF065GZ15
		100.00	10.0	SC	AF065ZZ10
		100.00	10.0	TC	BF065ZZ10
		100.00	12.0	SA2	AC065ZZ12
		100.00	13.0	TB	BD065ZZ13

www.sealtech.vn

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
65.00	120.00	10.0	SC	AF065RZ10	
68.00	85.00	10.0	SC	AF068BU10	
	88.00	10.0	TC	BF068BB10	VB
	90.00	10.0	SA2	AC068GZ10	
	90.00	10.0	SC	AF068GZ10	
	90.00	10.0	TB	BD068GZ10	VB1
	90.00	10.0	TC	BF068GZ10	
	90.00	12.0	TC	BF068GZ12	
	90.00	13.0	TB	BD068GZ13	VC
	90.00	13.0	TC	BF068GZ13	
	90.00	10/13	TB	BD068GZ14	
	110.00	13.0	TC	BF068EZ13	VC1
70.00	81.50	6.0	VC	CF070BE06	
	85.00	7.0	SC	AF070BU07	
	85.00	8.0	SC	AF070BU08	
	85.00	8.0	TB	BD070BU08	KA
	85.00	8.0	TC	BF070BU08	
	85.00	15.0	DC	EF070BU15	
	85.00	10.0	SC	AF070BU10	KA1
	85.00	16.0	DC	EF070BU16	
	88.00	12.0	SC	AF070BB12	
	88.00	12.0	TC	BF070BB12	KA2
	90.00	10.0	HSC	AF070GZ10	
	90.00	10.0	SC	AF070GZ10	
	90.00	10.0	TB	BD070GZ10	KB
	90.00	10.0	TC	BF070GZ10	
	90.00	12.0	SC	AF070GZ12	
	90.00	12.0	TC	BF070GZ12	KB1
	90.00	13.0	SC	AF070GZ13	
	90.00	13.0	TB	BD070GZ13	
	90.00	15.0	TC	BF070GZ15	KC
	92.00	12.0	TC	BF070GR12	
	95.00	10.0	SC	AF070GU10	
	95.00	13.0	SC	AF070GU13	
	95.00	13.0	TC	BF070GU13	KC1
	100.00	10.0	SC	AF070ZZ10	
	100.00	10.0	TC	BF070ZZ10	
	100.00	15.0	OC	OC070ZZ15	DA
	106.00	14.0	SA	AA070ZL14	
	110.00	8.0	SC	AF070EZ08	
	110.00	10.0	SB	AD070EZ10	DB
	110.00	10.0	SC	AF070EZ10	
	110.00	12.0	SC	AF070EZ12	
	110.00	13.0	TC	BF070EZ13	DC
	112.00	12.0	TC	BF070ER12	
	112.00	14/20	TBY	BDY70ER20	
	115.00	14/20	TBY	BDY70EU20	470
	120.00	10.0	TC	BF070RZ10	
	125.00	12.0	SC	AF070RU12	
	125.00	12.0	TC	BF070RU12	420
72.00	90.00	10.0	SC	AF072GZ10	
	92.00	10.0	SC	AF072GR10	
	95.00	10.0	TC	BF072GU10	380
	100.00	10.0	SC	AF072ZZ10	

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

www.sealtech.vn

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
80.00	110.00	12.0	TC	BF080EZ12	
	110.00	13.0	SB	AD080EZ13	
	110.00	13.0	SC	AF080EZ13	VB
	115.00	10.0	SC	AF080EU10	
	120.00	12.0	SC	AF080RZ12	
	120.00	13.0	SC	AF080RZ13	VB1
	125.00	13.0	TC	BF080RU13	
81.00	100.00	13.0	SA2	AC081ZZ13	
82.00	100.00	13.0	SA2	AC082ZZ13	VC
	105.00	12.0	SC	AF080ZU12	
82.50	107.90	12.7	SB	AD82HZC13	
85.00	100.00	9.0	SB	AD085ZZ09	
	100.00	13.0	SC	AF085ZZ13	VC1
	105.00	10.0	SB	AD085ZU10	
	105.00	10.0	TC	BF085ZU10	
	105.00	12.0	SC	AF085ZU12	KA
	105.00	12.0	TC	BF085ZU12	
	105.00	13.0	SB	AD085ZU13	
	105.00	13.0	SC	AF085ZU13	KA1
	105.00	13.0	TC	BF085ZU13	
	110.00	10.0	TC	BF085EZ10	
	110.00	12.0	SC	AF085EZ12	KA2
	110.00	12.0	TC	BF085EZ12	
	110.00	13.0	TC	BF085EZ13	
	115.00	13.0	TB	BD085EU13	KB
	120.00	12.0	TC	BF085RZ12	
	125.00	13.0	SA2	AC085RU13	
	130.00	12.0	SC	AF085SZ12	KB1
	130.00	12.0	TC	BF085SZ12	
	150.00	12.0	SC	AF085UZ12	
	150.00	12.0	TC	BF085UZ12	KC
87.17	117.47	11.9	OC	OC087EC12	
88.00	110.00	13.0	TA2	BC088EZ13	
	120.70	13.0	TC	BF088RZ13	KC1
88.90	120.70	14.28	TC	BF88GRZ14	
90.00	100.00	8.0	SB	AD090ZZ08	
	110.00	10.0	SC	AF090EZ10	
	110.00	12.0	SC	AF090EZ12	DA
	110.00	12.0	TC	BF090EZ12	
	110.00	13.0	SC	AF090EZ13	
	110.00	13.0	TB	BD090EZ13	DB
	110.00	13.0	TC	BF090EZ13	
	110.00	15.0	HTC3	HBS90EZ15	
	110.00	15.0	TC	BF090EZ15	DC
	115.00	9.0	SC	AF090EU09	
	115.00	10.0	SC	AF090EU10	
	115.00	13.0	SC	AF090EU13	470
	115.00	13.0	TC	BF090EU13	
	120.00	12.0	TC	BF090RZ12	
	120.00	13.0	TC	BF090RZ13	420
	125.00	13.0	SA2	AC085RU13	
	130.00	13.0	SB	AD090SZ13	
	133.00	14.0	SA	AA090SS14	380
92.00	110.00	10.0	HSC	AF092EZ10	

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

www.sealtech.vn

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
		110.00	9.0	SB	AD095EZ09
		110.00	11.0	TC	BF095EZ11
SA1 		112.00	12.0	TC	BF095ER12
		115.00	12.0	TC	BF095EU12
		115.00	13.0	SB	AD095EU13
SA2 		115.00	13.0	SC	AF095EU13
		115.00	13.0	TA2	BC095EU13
		120.00	12.0	SC	AF095RZ12
SB 		120.00	13.0	TA2	BC095RZ13
		120.00	13.0	SC	AF095RZ13
		120.00	13.0	TC	BF095RZ13
SB1 		120.00	13.0	TC	BF095RZ13
		125.00	12.0	SC	AF095RU12
		125.00	13.0	SC	AF095RU13
		145.00	13.0	SC	AF095HU13
SC 		145.00	13.0	TC	BF095HU13
	100.00	120.00	10.0	SA2	AC100RZ10
		120.00	10.0	SC	AF100RZ10
SC1 		120.00	11.0	TC	BF100RZ11
		120.00	12.0	SA2	AC100RZ12
		120.00	12.0	SB	AD100RZ12
TA 		120.00	12.0	TA2	BC100RZ12
		120.00	12.0	SC	AF100RZ12
		120.00	12.0	TC	BF100RZ12
TA1 		120.00	13.0	DC	EF100RZ13
		120.00	13.0	SC	AF100RZ13
		120.00	13.0	TA2	BC100RZ13
TA2 		120.00	13.0	TC	BF100RZ13
		125.00	12.0	SC	AF100RU12
		125.00	13.0	TC	BF100RU13
TB 		130.00	12.0	DC	EF100SZ12
		130.00	12.0	SC	AF100SZ12
		130.00	12.0	TC	BF100SZ12
TB1 		140.00	13.0	SC	AF100HZ13
		150.00	13.0	DB	ED100UZ13
		160.00	14.0	SC	AF100LZ14
TC 		160.00	14.0	TC	BF100LZ14
		180.00	12.0	SC	AF100BZ12
		180.00	12.0	TC	BF100BZ12
TC1 	104.00	130.00	15/33	TB	BD104SZSH
	105.00	125.00	13.0	TA2	BC105RU13
		125.00	13.0	TC	BF105RU13
AV 		130.00	12.0	SC	AF105SZ12
		130.00	12.0	TC	BF105SZ12
		135.00	14.0	SC	AF105SU14
		140.00	13.0	TC	BF105HZ13
VA1 	110.00	125.00	13.0	SA2	AC110RU13
		128.00	9.0	TC	BF110RB09
		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	
	140.00	12.0	SB	AD110HZ12	
	140.00	13.0	TA2	BC110HZ13	VB
	140.00	14.0	TC	BF110HZ14	
	150.00	13.0	DB	ED110UZ13	
	150.00	13.0	SA2	AC110UZ13	VB1
	150.00	13.0	SC	AF110UZ13	
	150.00	15.0	SC	AF110UZ15	
	200.00	13.0	SC	AF110ZZ13	VC
	200.00	13.0	TC	BF110ZZ13	
113.00	160.00	12.0	SA2	AC113LZ12	
115.00	140.00	12.0	SC	AF115HZ12	VC1
	140.00	12.0	TC	BF115HZ12	
	140.00	13.0	TC	BF115HZ13	
	140.00	16.0	SC	AF115HZ16	
118.00	140.00	13.0	SC	AF118HZ13	KA
	152.00	14.6	TC	BF118UR14	
120.00	140.00	12.0	TB	BD120HZ12	
	140.00	13.0	SA2	AC120HZ13	KA1
	140.00	13.0	TA2	BC120HZ13	
	140.00	13.0	SC	AF120HZ13	
	140.00	15.0	TB	BD120HZ15	KA2
	145.00	13.0	TA2	BC120HU13	
	145.00	15.0	SA	AA120HU15	
	145.00	15.0	SA2	AC120HU15	KB
	150.00	12.0	SC	AF120UZ12	
	150.00	13.0	SA	AA120UZ13	
	150.00	14.0	TC	BF120UZ14	KB1
	150.00	15.0	TA2	BC120UZ15	
	150.00	15.0	TC	BF120UZ15	
	160.00	12.0	SB	AD120LZ12	KC
	160.00	12.0	TC	BF120LZ12	
	160.00	15.0	SA	AA120LZ15	
120.80	152.40	12.7	OC	OC120UR12	KC1
122.00	150.00	12.0	SC	AF122UZ12	
125.00	140.00	10.0	TB	BD125HZ10	
	150.00	12.0	SC	AF125UZ12	DA
	150.00	12.0	TC	BF125UZ12	
	150.00	13.0	SA2	AC125UZ13	
	150.00	13.0	SB	AD125UZ13	DB
	150.00	12/14.59	TC	BF125UZ15	
	160.00	15.0	OC	OC125LZ15	
	160.00	15.0	TC	BF125LZ15	DC
	170.00	13.0	SA2	AC125CZ13	
126.80	169.80	12.7	OC	OC126LG12	
128.00	146.00	13.5	SC	AF128HL3H	
	146.00	13.50	TC	BF128HL13	470
	150.00	15.0	SC	AF128UZ15	
	150.00	15.0	TC	BF128UZ15	
130.00	150.00	10.0	SC	AF130UZ10	420
	155.00	10.0	SA2	AC130UU10	
	159.00	12.35	SB	AD130UG12	
	160.00	12.0	SB	AD130LZ12	380
	160.00	12.0	SC	AF130LZ12	

www.sealtech.vn

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
		170.00	15.0	SC	AF130CZ15
SA1		230.00	14.0	SC	AF130SZ14
		230.00	14.0	TC	BF130SZ14
	132.00	160.00	13.0	SA2	AC132LZ13
SA2	135.00	160.00	13.0	TA2	BC135LZ13
		170.00	12.0	SB	AD135CZ12
		170.00	12.0	SC	AF135CZ12
SB	136.39	158.85	14.2	SA	AA136UB14
	137.00	200.00	50.0	SC	AF137ZZ50
	140.00	160.00	12.0	TC	BF140LZ12
SB1		160.00	13.0	SA	AA140LZ13
		170.00	12.0	SC	AF140CZ12
		170.00	15.0	SA2	AC140CZ15
		170.00	15.0	SB	AD140CZ15
SC		170.00	15.0	SC	AF140CZ15
		170.00	15.0	TB	BD140CZ15
		170.00	15.0	TC	BF140CZ15
SC1		180.00	15.0	TC	BF140BZ15
	145.00	175.00	13.0	TA2	BC145CU13
		175.00	13.0	TB	BD145CU13
TA	148.00	170.00	14.5	TA2	BC148CZ14
	150.00	170.00	15.0	TA2	BC150CZ15
		172.00	18.00	SC	AF150CR18
TA1		180.00	12.0	SC	AF150BZ12
		180.00	13.0	SA2	AC150BZ13
		180.00	13.0	TC	BF150BZ13
TA2		180.00	15.0	SA2	AC150BZ15
		180.00	15.0	SB	AD150BZ15
		180.00	15.0	SC	AF150BZ15
TB		200.00	10.0	SB	AD150ZZ10
		200.00	15.0	SB	AD150ZZ15
	155.00	180.00	15.0	SC	AF155BZ15
TB1		180.00	15.0	TC	BF155BZ15
		190.00	17.0	TB	BD155GZ17
	160.00	180.00	14.0	SC	AF160BZ14
TC		180.00	15.0	DB	ED160BZ15
		180.00	15.0	SA2	AC160BZ15
		190.00	15.0	TA2	BC160GZ15
		190.00	15.0	TC	BF160GZ15
TC1		200.00	15.0	TC	BF160ZZ15
	165.00	190.00	13.0	SA2	AC165GZ13
		190.00	13.0	SC	AF165GZ13
AV	170.00	195.00	31.0	TB	BD170GU31
		200.00	15.0	SA2	AC170ZZ15
		200.00	15.0	SC	AF170ZZ15
		200.00	15.0	TC	BF170ZZ15
VA1	175.00	200.00	15.0	SA2	AC175ZZ15
		200.00	15.0	TA2	BC175ZZ15
	178.00	200.00	15.0	TB	BD178ZZ15
VA2	180.00	210.00	15.0	SC	AF180EZ15
		210.00	15.0	TC	BF180EZ15

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
180.00	215.00	16.0	TC	BF180EU16	
185.00	210.00	15.0	TA2	BC185EZ15	
187.00	250.00	31.0	SC	AF187UZ31	VB
190.00	220.00	12.0	TC	BF190RZ12	
	220.00	15.0	DB	ED190RZ15	
	220.00	15.0	SC	AF190RZ15	VB1
200.00	230.00	15.0	DC	EF200SZ15	
	230.00	15.0	SA2	AV200SZ15	
	230.00	15.0	SC1	AG200SZ15	VC
	230.00	15.0	SC	AF200SZ15	
	250.00	15.0	SA2	AC200UZ15	
220.00	250.00	15.0	DB	ED220UZ15	VC1
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	KA
	280.00	15.0	SC	AF230BZ15	
240.00	270.00	15.0	SA2	AC240CZ15	
	270.00	15.0	SA	AA240CZ15	KA1
	270.00	15.0	SC	AF240CZ15	
	270.00	15.0	TC	BF240CZ15	
	290.00	16.0	SC	AF240GZ16	KA2
245.00	270.00	16.0	SB	AD245CZ16	
250.00	270.00	16.0	SA2	AC250CZ16	
260.00	190.00	16.0	TA2	BC260GZ16	KB
	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	KB1
300.00	332.00	16.0	SA2	AC300SR16	
	340.00	20.0	SA2	AC300HZ20	
	340.00	20.0	SB	AD300HZ20	KC
330.00	370.00	18.0	SA2	AC330CZ18	
340.00	372.00	16.0	SA2	AC340CR16	
	380.00	20.0	SC	AF340BZ20	KC1
	400.00	25.0	SC	AF340ZZ25	
350.00	380.00	16.0	SB	AD350BZ16	
	380.00	16.0	TC	BF350BZ16	DA
355.00	380.00	13.0	OC	OC355BZ13	
360.00	400.00	18.0	SB	AD360ZZ18	
	400.00	20.0	DC	EF360ZZ20	DB
	400.00	20.0	SC	AF360ZZ20	
390.00	430.00	18.0	SA2	AC390SZ18	
394.00	420.00	16.0	TC	BF394RZ16	DC
420.00	460.00	20.0	SB	AD420LZ20	
	470.00	20.0	SC	AF420CZ20	
440.00	480.00	20.0	SB	AD440BZ20	470
514.00	550.00	18/14	OC	OC514UZ18	
10	16	3/4.5	470	CZ010EL48	
10	18	5.5/7	383	BS010EB75	420
12	18	5.5/5	470	CZ012EB55	
	20	4/6	470	CZ012RZ64	
	22	5/8	470	CZ012RR85	380
	22	5/8	420	RZ012RR85	

www.sealtech.vn

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
		22	3/4	470	CZ014RR43
 SA1	140	155	9/12	470	CZ140UU12
	16	13	3/4.5	470	CZ016ES48
		22	3/4	470	CZ016RR43
 SA2		26	5/8	470	CZ016RL85
	175	28	7/10	470	CZ018RB10
	18	28	5/7	470	CZ018RB75
 SB		28	5/8	470	CZ018RB85
		28	6.5/8	383	BS018RB86
		28	6.5/8	380	BZ018RB86
 SB1		26	5/8	420	RZ019RL85
	19	26	5/8	470	CZ019RL85
		28	3.5/4.5	470	CZ020RB48
 SC	20	28	3.5/5	470	CZ020RB53
		30	7/10	470	CZ020SZ10
		30	4/6	470	CZ020SZ64
 SC1		28	5/8	470	CZ022RB85
	22	32	7/10	470	CZ022SR10
		32	5/7	470	CZ022SR75
 TA		32	6.5/8	380	BZ022SR86
		35	5/8	470	CZ022SU85
	25	35	7/10	470	CZ025SU10
 TA1		35	5/8	470	CZ025SU85
	275	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
		40	6.5/8	380	BZ030HZ86
 TB	31.8	38	5/8	420	RZ031SB85
	32	45	7/10	470	CZ032HU10
		45	5/8	470	CZ032HU85
 TB1	35	45	7/10	470	CZ035HU10
		45	7/9	470	CZ035HU97
	36	45	5/7	470	CZ036HU75
 TC		54	7/10	470	CZ036UH10
	40	50	7/10	470	CZ040UZ10
		50	5/8	470	CZ040UZ85
		50	6.5/8	380	BZ040UZ86
 TC1		52	5/8	470	CZ040UR85
	42	50	7/10	470	CZ042UZ10
	45	55	7/10	470	CZ045UU10
 AV		55	7/10	470	CZ045UU10
		55	5/7	470	CZ045UU75
		60	7/10	470	CZ045LZ10
 VA1	50	56	5/7	470	CZ050UL75
		60	7/10	470	CZ050LZ10
		60	5/7	470	CZ050LZ75
 VA2		60	6.5/8	380	BZ050LZ86
	55	63	7/10	470	CZ055LS10

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

www.sealtech.vn

INCH SIZE SORT SHAFT

STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA	0.2500	0.5000	0.125	VCY	VYZ16SR08
		0.7500	0.25	SC	AFZ16HB16
		0.7500	0.25	TC	BFZ16HB16
		1.7813	0.5	TC	BFZ16CB32
SA1	0.3120	0.5750	0.187	VB	CDZ20SC12
	0.3125	0.7500	0.25	SC	AFZ20HB16
		0.8750	0.25	SC	AFZ20UL16
		1.3750	0.375	SB	ADZ20RH24
SA2		1.3750	0.375	SC	AFZ20RH24
	0.3750	0.6290	0.125	VCY	VYZ24HZ08
		0.7500	0.25	SC	AFZ24HB16
SB		0.8750	0.25	SC	AFZ24UL16
		0.8750	0.5	SC	AFZ24UL32
SB1		1.0000	0.25	SC	AFZ24ZZ16
		1.0000	0.375	SC	AFZ24ZZ24
		1.2500	0.2969	SC	AFZ24EL19
SC		1.5000	0.25	SC	AFZ24SR16
	0.4375	1.0000	0.25	SC	AFZ28ZZ16
		1.0000	0.25	SB	ADZ28ZZ16
SC1	0.4380	0.6250	0.125	VCY	VYZ28HZ08
	0.4890	0.8720	0.187	SC	AFZP48CP1
	0.5000	0.7500	0.125	VCY	VYZ32HB08
		0.7500	0.125	VA2	CCZ32HB08
TA		0.7500	0.125	VA2	CCZ32HB08
		0.8540	0.25	SB	ADZ32UU16
		0.8630	0.188	SC	AFZ32ULP2
TA1		0.8750	0.25	SC	AFZ32UL16
		0.8790	0.125	VCY	VYZ32UC08
		1.0000	0.25	SC	AFZ32ZZ16
TA2		1.0000	0.25	TC	BFZ32ZZ16
		1.1250	0.25	SC	AFZ32ZB16
		1.1250	0.25	VCY	VYZ32ZB16
TB		1.1250	0.3125	SC	AFZ32ZB20
		1.1250	0.375	SC	AFZ32ZB24
		1.1340	0.25	SC	AFZ32PE16
		1.2500	0.3125	SC	AFZ32EL20
TB1		1.2500	0.4375	SB	ADZ32EL28
	0.5625	1.1250	0.25	SC	AFZ36ZB16
		1.1250	0.375	SC	AFZ36ZB24
TC		1.3750	1.25	SC	AFZ36RH16
	0.6250	0.7500	0.25	VCY	VYZ40HB16
		0.7500	0.25	VA2	CCZ40HB16
TC1		0.9375	0.1875	SB	ADZ40LZ12
		0.9375	0.1875	SC	AFZ40LZ12
		0.9375	0.1875	VCY	VYZ40LZ12
AV		1.0000	0.1875	SC	AFZ40ZZ12
		1.0000	0.1875	TC	BFZ40ZZ12
		1.0000	0.25	SC	AFZ40ZZ16
VA1		1.1250	0.25	SC	AFZ40ZB16
		1.1250	0.25	TC	BFZ40ZB16
		1.1250	0.3125	SC	AFZ40ZB20
VA2		1.1250	0.375	SC	AFZ40ZB24
		1.1280	0.375	SC	AFZ40PE24
		1.1280	0.375	TC	BFZ40ZB24

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
0.6250	1.2500	0.25	SC	AFZ40EL16	VB
	1.2500	0.3125	SC	AFZ40EL20	
	1.2500	0.375	SC	AFZ40EL24	
	1.3125	0.25	SC	AFZ40RZ16	VB1
	1.3594	0.25	SC	AFZ40RS16	
	1.3750	0.3125	SC	AFZ40RH20	
	1.3790	0.25	TC	BFZ40RH16	
	1.5000	0.25	SC	AFZ40SR16	VC
	1.5000	0.375	SC	AFZ40SR24	
0.6600	1.1100	0.27	SC	AFZ66PEP2	
0.6875	1.1250	0.25	SC	AFZ44ZB16	VC1
	1.1875	0.32	TB	BDZ44ERP3	
	1.2500	0.25	SC	AFZ44EL16	
	1.2500	0.3125	DB	EDZ44EL20	
0.6900	1.2500	0.31	SC	AFZ69ELP3	KA
0.7500	1.0000	0.125	VCY	VYZ48ZZ08	
	1.1250	0.25	SC	AFZ48ZB16	
	1.2500	0.1875	SC	AFZ48EL12	KA1
	1.2500	0.25	SC	AFZ48EL16	
	1.2500	0.25	TB	BDZ48EL16	
	1.2500	0.25	TC	BFZ48EL16	KA2
	1.2500	0.3125	SC	AFZ48EL20	
	1.2500	0.375	SC	AFZ48EL24	
	1.2540	0.125	VCY	VYZ48EL08	KB
	1.2640	0.375	KC4	DHZ48EC24	
	1.3125	0.25	SB	ADZ48RZ16	
	1.3750	0.25	SC	AFZ48RH16	KB1
	1.3750	0.375	SC	AFZ48RH24	
	1.3840	0.25	SC	AFZ48PS16	
	1.4375	0.25	SC	AFZ48RB16	KC
	1.5000	0.25	SC	AFZ48SR16	
	1.5000	0.3125	SC	AFZ48SR20	
	1.5000	0.3125	TC	BFZ48SR20	KC1
	1.5000	0.375	SC	AFZ48SR24	
	1.5000	0.375	TB	BDZ48SR24	
	1.5000	0.375	TC	BFZ48SR24	
	1.5000	0.3906	TC	BFZ48SR25	DA
	1.6250	0.375	SC	AFZ48HZ24	
	1.7560	0.3125	TB	BDZ48HB20	
0.8125	1.1875	0.25	SC	AFZ52ER16	DB
	1.2500	0.3125	SC	AFZ52EL20	
	1.2500	0.375	SC	AFZ52EL24	
	1.3750	0.25	SC	AFZ52RH16	DC
	1.3750	0.375	SC	AFZ52RH24	
0.8750	1.1250	0.125	SC	AFZ56ZB08	
	1.2500	0.25	SC	AFZ56EL16	470
	1.2500	0.375	SC	AFZ56EL24	
	1.3750	0.25	SC	AFZ56RH16	
	1.3750	0.25	TC	BFZ56RH16	420
	1.3750	0.3125	SC	AFZ56RH20	
	1.3750	0.3125	TC	BFZ56RH20	
	1.3750	0.375	SC	AFZ56RH24	380
	1.3750	0.375	TC	BFZ56RH24	
	1.3840	0.25	SC	AFZ56PS16	

www.sealtech.vn

STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
 SA	0.8750	1.5000	0.25	SC	AFZ56SR16
		1.5000	0.375	SC	AFZ56SR24
		1.5000	0.375	TB	BDZ56SR24
		1.5000	0.375	TC	BFZ56SR24
 SA1		1.5000	0.3906	SC	AFZ56SR25
		1.6250	0.25	SC	AFZ56HZ16
		1.6250	0.375	SC	AFZ56HZ24
		1.6250	0.375	TC	BFZ56HZ24
 SA2	0.9110	1.3750	0.25	SC	AFZ91RH16
	0.9375	1.3880	0.25	TC	BFZP9PS16
		1.5000	0.375	SC	AFZ60SR24
 SB		1.5000	0.375	TB	BDZ60SR24
		1.6250	0.375	SC	AFZ60HZ24
 SB1	1.0000	1.2500	0.125	VCY	VYE00EL08
		1.3250	6.0	TB	BDE00PS16
		1.3750	0.1875	SC	AFE00RH12
		1.3750	0.25	SC	AFE00RH16
 SC		1.3750	0.5625	TB	BDE00RH36
		1.4375	0.25	SC	AFE00RB16
		1.4990	0.25	TC	BFE00PH16
 SC1		1.5000	0.1875	SB	ADE00SR12
		1.5000	0.1875	SC	AFE00SR12
		1.5000	0.25	SC	AFE00SR16
 TA		1.5000	0.25	TC	BFE00SR16
		1.5000	0.3125	SC	AFE00SR20
		1.5000	0.3125	TB	BDE00SR20
 TA1		1.5000	0.375	SC	AFE00SR24
		1.5000	0.375	TC	BFE00SR24
		1.5030	0.25	TC	BFE00PU16
 TA2		1.5030	0.39	SA2	ACE00SR25
		1.5040	0.312	TC	BFE00PUP3
		1.5625	0.375	SC	AFE00SL24
 TB		1.5670	0.1875	VCY	VYE00SC12
		1.6250	0.25	SC	AFE00HZ16
		1.6250	0.2969	TB	BDE00HZ19
 TB1		1.6250	0.3125	SC	AFE00HZ20
		1.6250	0.375	SC	AFE00HZ24
		1.7500	0.25	SC	AFE00HB16
 TC		1.7500	0.375	SC	AFE00HB24
		1.7590	0.375	SC	AFE00CU24
		1.7800	0.439	SA2	ACE00UZ28
		1.8280	0.4375	SC	AFE00BR28
 TC1		1.8750	0.25	SC	AFE00UL16
		2.0000	0.25	SC	AFE00ZZ16
		2.0000	0.375	SA2	ACE00ZZ24
 AV		2.0000	0.375	SC	AFE00ZZ24
		2.0000	0.375	TB	BDE00LH24
		2.0000	0.5	SC	AFE00ZZ32
 VA1		2.0625	0.1875	SC	AFE00ZH12
	1.0625	1.5000	0.25	SC	AFE04SR16
		1.5625	0.3125	SC	AFE04SL20
 VA2		1.6250	0.375	SB	ADE04HZ24
		1.6250	0.375	SC	AFE04HZ24
		1.7500	0.4375	SC	AFE04HB28

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
1.0625	2.0000	0.4375	SA2	ACE04ZZ28	
	2.1875	0.4375	SC	AFE04ER28	
1.1250	1.3750	0.25	SC	AFE08RH16	 VB
	1.5000	0.25	SC	AFE08SR16	
	1.5125	0.312	TC	BFE08PUP3	
	1.5625	0.25	SC	AFE08SL16	 VB1
	1.5625	0.375	SA2	ACE08SL24	
	1.5625	0.375	SC	AFE08SL24	
	1.6250	0.25	SC	AFE08HZ16	 VC
	1.6250	0.3125	SC	AFE08HZ20	
	1.6250	0.3125	TB	BDE08HZ20	
	1.6250	0.375	SC	AFE08HZ24	 VC1
	1.7500	0.375	SB	ADE08HB24	
	1.7500	0.375	SC	AFE08HB24	
	1.7500	0.4375	SC	AFE08HB28	 KA
	1.8500	0.3125	SA	AAE08UU20	
	1.8750	0.25	SC	AFE08UL16	
	1.8750	0.375	SC	AFE08UL24	 KA1
	1.8750	0.375	TC	BFE08UL24	
	2.0000	0.25	SC	AFE08ZZ16	
	2.0000	0.25	SC	AFE08ZZ32	 KA2
	2.0000	0.375	SC	AFE08ZZ24	
	2.0000	0.4375	SC	AFE08ZZ28	
	2.0625	0.4531	SC	AFE08ZH29	
	2.1875	0.5	SC	AFE08ER32	 KB
	2.2500	0.375	SC	AFE08EL24	
	2.2813	0.25	SC	AFE08EB16	
	2.4410	0.9843	DC	EFE08RG64	 KB1
	2.5000	0.5	SC	AFE08SR32	
1.1875	1.6875	0.1875	SB	ADE12HH12	
	1.7188	0.4375	SC	AFE12HL28	 KC
	1.7188	0.5313	TB	BDE12HL34	
	1.8750	0.375	SC	AFE12UL24	
	1.8750	0.375	TC	BFE12UL24	 KC1
	2.0000	0.375	SC	AFE12ZZ24	
1.2500	1.6875	0.3125	SC	AFE16HH20	
	1.4375	0.4375	TC	BFE16RB28	 DA
	1.6875	0.1875	KC	DFE16HH12	
	1.6875	0.1875	VB	CDE16HH12	
	1.6875	0.25	SC	AFE16HH16	 DB
	1.6875	0.25	TC	BFE16HH16	
	1.6875	0.3125	SB	ADE16HH20	
	1.6900	0.312	SB	ADE16HP20	 DC
	1.7500	0.25	SC	AFE16HB16	
	1.7500	0.25	SC	AFE16HB16	
	1.7500	0.25	VCY	VYE16HB16	 470
	1.7500	0.375	SC	AFE16HB24	
	1.7500	0.3750	TB	BDE16HB24	
	1.7500	0.375	TC	BFE16HB24	
	1.8750	0.25	SC	AFE16UL16	 420
	1.8750	0.3125	SC	AFE16UL20	
	1.8750	0.375	SC	AFE16UL24	
	1.8750	0.375	TC	BFE16UL24	 380
	1.8750	0.4375	SC	AFE16UL28	

www.sealtech.vn

STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA	1.2500	1.8750	0.4375	TC	BFE16UL28
		1.9375	0.4375	SC	AFE16LZ28
		1.9830	0.25	VA2	CCE16LS16
		2.0000	0.25	SB	ADE16ZZ16
SA1		2.0000	0.375	SC	AFE16ZZ24
		2.0000	0.437	TA3	BSE16ZZ28
		2.0000	0.4375	SB	ADE16ZZ28
SA2		2.0000	0.4375	SC	AFE16ZZ28
		2.0000	0.5	SC	AFE16ZZ32
		2.1250	0.3125	SC	AFE16ZB20
SB		2.1875	0.3125	SC	AFE16ER20
		2.1875	0.375	SC	AFE16ER24
		2.1875	0.375	TC	BFE16ER24
SB1		2.1960	0.375	TC	BFE16PR24
		2.2500	0.25	SC	AFE16EL16
		2.2500	0.3125	SC	AFE16EL20
SC		2.2500	0.375	SC	AFE16EL24
		2.2500	0.375	TC	BFE16EL24
		2.2500	0.5	SC	AFE16EL32
SC1	1.3125	1.9370	0.5/0.2638	TCY	BYE20LZ32
		1.8594	0.25	SC	AFE20UU16
		1.8750	0.25	SC	AFE20UL16
TA		2.1250	0.375	SC	AFE20ZB24
		2.0625	0.375	SC	AFE21ZH24
	1.3281	2.0625	0.375	SC	AFE21ZH24
		2.0625	0.375	TC	BFE21ZH24
TA1		2.2344	0.5	SA	AAE21EU32
		2.6875	0.375	SC	AFE21HH24
	1.3438	2.0625	0.5	TC	BFE22ZH32
TA2	1.3750	1.8750	0.3125	SB	ADE24UL20
		1.8750	0.3125	SC	AFE24UL20
		1.8750	0.375	SC	AFE24UL24
TB		1.8750	0.4375	TB	BDE24UL28
		1.9669	0.3307	SB	ADE24LR21
		2.0000	0.3125	SB	ADE24ZZ20
TB1		2.0000	0.3125	SC	AFE24ZZ20
		2.0000	0.3125	SC	AFE242220
		2.0000	0.3125	TC	BFE24ZZ20
TC		2.0000	0.375	SC	AFE24ZZ24
		2.0000	0.5	SC	AFE24ZZ32
		2.0625	0.25	SC	AFE24ZH16
TC1		2.0625	0.625	TC	BFE24ZH40
		2.1250	0.3125	SC	AFE24ZB20
		2.1250	0.375	SB	ADE24ZB24
AV		2.1250	0.375	SC	AFE24ZB24
		2.1250	0.375	TC	BFE24ZB24
		2.1350	0.3125	SC	AFE24PE20
VA1		2.2500	0.375	SC	AFE24EL24
		2.2500	0.5	SC	AFE24EL32
		2.2590	0.375	SC	AFE24PR24
		2.3750	0.375	SC	AFE24RH24
VA2		2.3750	0.5	SC	AFE24RH32
		2.5000	0.5	SC	AFE24SR32
		2.5000	0.6875	TB	BDE24SR44

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

www.sealtech.vn

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
		2.5000	0.4688	SC	AFE40SR30
		2.5000	0.5	SC	AFE40SR32
SA1		2.6250	0.4375	TB	BDE40HZ28
		2.6250	0.5	SB	ADE40HZ32
		2.6250	0.5	SC	AFE40HZ32
		2.7500	0.5	SC	AFE40HB32
SA2		2.8750	0.6250	DC	EFE40UL40
	1.6560	2.6330	0.394	TCY	BYE42HE25
	1.6875	2.5000	0.375	SC	AFE44SR24
SB		2.6250	0.5	TB	BDE44HZ32
		2.6875	0.5	SC	AFE44HH32
	1.7500	2.1250	0.1875	VCY	VYE48ZB12
SB1		2.1875	0.5	SC	AFE48ER32
		2.2500	0.3125	SC	AFE48EL20
		2.2500	0.375	SC	AFE48EL24
		2.2500	0.5	TB	BDE48EL32
SC		2.3125	0.25	SC	AFE48RZ16
		2.3750	0.25	SB	ADE48RH16
		2.3750	0.375	SC	AFE48RH24
SC1		2.3750	0.375	TC	BFE48RH24
		2.3750	0.5	SC	AFE48RH32
		2.3750	0.625	SC	AFE48RH40
TA		2.3800	0.5	TC	BFE48PS32
		2.4130	0.394	HTB	BDE48RC25
		2.4375	0.375	SC	AFE48RB24
TA1		2.4410	0.312	TB	BDE48PHP3
		2.5000	0.3125	SC	AFE48SR20
		2.5000	0.375	SB	ADE48SR24
		2.5000	0.3750	DC	EFE48SR24
TA2		2.5000	0.375	SC	AFE48SR24
		2.5000	0.5	SC	AFE48SR32
		2.5000	0.5	TB	BDE48SR32
TB		2.5050	0.5	TB	BDE48PU32
		2.7500	0.375	SC	AFE48HB24
		2.7500	0.5	SC	AFE48HB32
TB1		2.7500	0.5	SC	AFE48HB32
		2.7500	0.5	TB	BDE48HB32
		2.7540	0.5	TC	BFE48PC32
TC		2.8750	0.375	SC	AFE48UL24
		2.8750	0.5	SC	AFE48UL32
		2.8750	0.5	SC	AFE48UL32
TC1		2.8750	0.5	TC	BFE48UL32
		2.8850	0.5	TC	BFE48PB32
		3.1875	0.5	SC	AFE48ER32
AV	1.7620	2.4160	0.375	TB	BDEP7PS24
	1.7656	2.4219	0.375	SC	AFE49RC24
	1.7810	2.2580	0.375	TC	BFEP7EL24
VA1	1.8125	2.3750	0.25	SC	AFE52RH16
		2.5000	0.375	SC	AFE52SR24
		2.6406	0.4375	SC	AFE52HE28
		2.7188	0.2813	SC	AFE52HL18
VA2	1.8200	2.6250	0.375	SC	AFE82HZ24

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

www.sealtech.vn

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
	2.1250	2.6920	0.3125	SC	AFR08LG20
		2.8750	0.375	SC	AFR08UL24
SA1		2.8750	0.4375	SC	AFR08UL28
		2.8750	0.5	SC	AFR08UL32
		3.0000	0.375	SC	AFR08ZZ24
		3.0000	0.5	SC	AFR08ZZ32
SA2		3.0000	0.5	TC	BFR08ZZ32
		3.1875	0.375	TB	BDR08ER24
		3.2500	0.5	SC	AFR08EL32
		3.2500	0.577	SC	AFR08ELP5
SB	2.1800	3.1940	0.698	TC	BFRP1PRP6
	2.1875	3.0000	0.375	SC	AFR12ZZ24
SB1	2.2343	3.1300	0.3583	SB	ADR15ZG23
	2.2400	3.1940	0.646	TB	BDR16PRP6
	2.2500	3.0000	0.375	SC	AFR16ZZ24
		3.0000	0.5	SC	AFR16ZZ32
SC		3.0000	0.5	TC	BFR16ZZ32
		3.1250	0.5	SC	AFR16ZB32
		3.2500	0.2813	SC	AFR16EL18
SC1		3.2500	0.5	SC	AFR16EL32
		3.2500	0.5	SC	AFR16SR32
		3.3750	0.5	SC	AFR16RH32
TA	2.3125	3.0050	0.5	SA2	ACR20ZZ32
		3.0625	0.375	SC	AFR20ZH24
		3.1250	0.375	SC	AFR20ZB24
TA1		3.1620	0.5	SC	AFR20PE32
		3.3438	0.3125	SB	ADR20RR20
		3.3550	0.3125	SB	ADR20RS20
		3.3550	0.3125	TC	BFR20PS20
TA2	2.3300	3.0050	0.375	SB	ADR21ZZ24
	2.3750	2.8750	0.2080	VCY	VYR24UL13
		2.8750	0.375	SC	AFR24UL24
TB		3.0000	0.375	SB	ADR24ZZ24
		3.0130	0.437	SB	ADR24ZE28
		3.1250	0.375	SC	AFR24ZB24
TB1		3.1250	0.375	TC	BFR24ZB24
		3.2560	0.4	SB	ADR24EL26
		3.3750	0.3125	SC	AFR24RH20
TC		3.3750	0.375	OC	OCR24RH24
		3.3750	0.5	SC	AFR24RH32
		3.3750	0.5	TC	BFR24RH32
TC1		3.6250	0.4375	SC	AFR24HZ28
		3.7500	0.9	SC	AFR24HB90
	2.4375	3.0625	0.5	SC	AFR28ZH32
		3.2500	0.375	SC	AFR28EL24
AV		3.2810	0.375	SC	AFR28PR24
	2.5000	3.0000	0.375	TC	BFR32ZZ24
		3.0000	1.5	SC	AFR32ZZ32
VA1		3.2500	0.375	TB	BDR32EL24
		3.2500	0.375	SC	AFR32EL24
		3.2500	0.5	SC	AFR32EL32
VA2		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	
	3.5000	0.375	SC	AFR32SR24	
	3.5000	0.5	DC	EFR32SR32	VB
	3.5000	0.5	SC	AFR32SR32	
	3.5000	0.5	TC	BFR32SR32	
	3.5000	0.75	TB	BDR32SR48	VB1
	3.5469	0.4688	TC	BFR32SU30	
	3.5530	0.4688	TC	BFR32PU30	
	3.6250	0.4688	SC	AFR32HZ30	VC
	3.7500	0.5	SC	AFR32HB32	
2.5625	3.3750	0.375	SC	AFR36RH24	
	3.5000	0.5	TC	BFR36SR32	VC1
	3.6250	0.5625	TC	BFR36HZ36	
2.6250	3.3750	0.375	SC	AFR40RH24	
	3.5000	0.5	SC	AFR40SR32	KA
	3.5000	0.5	TC	BFR40SR32	
	3.5000	0.5313	TB	BDR40SR34	
	3.7500	0.5	SC	AFR40HB32	KA1
	4.0000	0.5	TC	BFR40ZZ32	
2.6875	3.7500	0.5	SC	AFR44HB32	
2.7500	3.3750	0.5	TC	BFR48RH32	KA2
	3.5000	0.375	SC	AFR48SR24	
	3.5000	0.375	TC	BFR48SR24	
	3.5000	0.5	TC	BFR48SR32	KB
	3.6250	0.4375	SA2	ACR48HZ28	
	3.7500	0.3125	SC	AFR48HB20	
	3.7500	0.5	SC	AFR48HB32	KB1
	3.7500	0.625	TB	BDR48HB40	
	3.8750	0.4375	SC	AFR48UL28	
	3.8750	0.5	TC	BFR48UL32	KC
	4.0000	0.5	SC	AFR48ZZ32	
2.8125	3.6250	0.375	SC	AFR52HZ24	
	3.6360	0.375	SC	AFR52PL24	KC1
2.8725	3.6250	0.375	TC	BFR52HZ24	
2.8750	3.3750	0.1875	SC	AFR56RH12	
	3.3750	0.25	VB	CDR56RH12	DA
	3.6250	0.3125	SC	AFR56HZ20	
	3.6250	0.375	SC	AFR56HZ24	
	3.7500	0.4688	SC	AFR56HB30	DB
	4.0000	0.5	SC	AFR56ZZ32	
	4.0000	0.5625	SC	AFR56ZZ36	
2.9000	3.9620	0.415	TC	BFRP9PGP4	DC
2.9375	3.7500	0.375	SC	AFR60HB24	
2.9375	3.7500	0.375	TC	BFR60HB24	470
3.0000	3.7500	0.375	SC	AFS00HB24	
	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	
	4.0000	0.5	SC	AFS00ZZ32	380
	4.0000	0.5	TC	BFS00ZZ32	
	4.1250	0.5625	TC	BFS00ZB36	
	4.2500	0.5	TC	BFS00SR32	
	4.5000	0.4375	SC	AFS00SR28	

www.sealtech.vn

STANDARD DESIGNS	OIL SEAL SIZES AND TYPES BY SHAFT DIAMETER				
	SHAFT	BORE	HEIGHT	TYPE	CODE-NO
SA 	3.0625	4.1250	0.5	SC	AFS04ZB32
		4.1250	0.5	TC	BFS04ZB32
		4.1360	0.5	SC	AFS04PE32
		4.2500	0.5	SC	AFS12EL32
SA1 	3.1250	3.7500	0.4375	SC	AFS08HB28
		3.8750	0.375	SC	AFS08UL24
		3.8750	0.5	SC	AFS08UL32
		4.0000	0.5	SC	AFS08ZZ32
SA2 		4.1250	0.5	SC	AFS08ZB32
		4.2500	0.5	TB	BDS08EL32
	3.1400	3.9300	0.39	TC	BFSP1PGP4
SB 	3.2500	4.0000	0.5	SC	AFS16ZZ32
		4.2500	0.3125	SC	AFS16EL20
		4.2500	0.5	SB	ADS16EL32
SB1 		4.2500	0.5	SC	AFS16EL32
		4.2500	0.5	SC	AFS16SR32
		4.5000	0.5	SB	ADS16SR32
SC 		5.0000	0.5	SB	ADS16ZZ32
	3.3750	3.9480	0.375	TC	BFS24PG24
		4.3750	0.5	SC	AFS24RH32
SC1 	3.4375	4.5000	0.5	TC	BFS28SR32
		4.7500	0.5	TB	BDS28HB32
		4.7500	0.5	SC	AFS28HB32
TA 	3.5000	4.0000	0.252	VB	CDS32ZZ16
		4.1250	0.3125	SC	AFS32ZB20
		4.1250	0.5	SC	AFS32ZB32
TA1 		4.3750	0.375	SA3	ASS32RH24
		4.5000	0.5	SC	AFS32SR32
		4.5000	0.5	TC	BFS32SR32
		4.7500	0.5	SC	AFS32HB32
TA2 		4.7500	0.625	SC	AFS32HB40
		5.3750	0.5	SC	AFS32RH32
	3.5625	4.6250	0.5	SC	AFS36HZ32
TB 	3.6250	4.1360	0.5	SC	AFS40PE32
		4.3750	0.375	SB	ADS40RH24
		4.5000	0.5	SC	AFS40SR32
TB1 		4.5000	0.625	TB	BDS40SR40
		4.6250	0.5	OC	OCS40HZ32
		4.6250	0.5	SC	AFS40HZ32
TC 		4.6250	0.5	TC	BFS40HZ32
		5.0000	0.4375	TA2	BCS40ZZ28
	3.6750	4.5250	0.38	SC	AFS06PUP3
TC1 	3.6875	5.1250	0.5	TB	BDS44ZB32
	3.7500	4.5000	0.5	SC	AFS48SR32
		4.7500	0.5	SC	AFS48HB32
AV 		4.7500	0.5	TC	BFS48HB32
		5.0000	0.5	TC	BFS48ZZ32
		5.2500	0.625	SC	AFS48EL40
VA1 	3.8125	4.8750	0.5	SC	AFS52UL32
		4.8750	0.5	TC	BFS52UL32
	3.8750	4.8750	0.5	SC	AFS56UL32
VA2 	3.9375	5.0000	0.5	SC	AFS60ZZ32
	4.0000	5.0000	0.5	SB	ADH00ZZ32
	4.0000	5.0000	0.5	SC	AFH00ZZ32

OIL SEAL SIZES AND TYPE BY SHAFT DIAMETER					STANDARD DESIGNS
SHAFT	BORE	HEIGHT	TYPE	CODE-NO	
4.0000	5.0000	0.5	TC	BFH00ZZ32	
	5.0000	0.6	TB	BDH00ZZP6	
	5.1250	0.5156	SC	AFH00ZB33	VB 
	5.2500	0.375	SC	AFH00EL24	
	5.2500	0.5	SA	AAH00EL32	
	5.2500	0.5	TC	BFH00EL32	VB1 
	5.2500	0.625	SC	AFH00EL40	
	5.2540	0.625	SC	AFH00PR40	
	5.5000	0.5	SC	AFH00SR32	VC 
	5.5000	0.5	TB	BDH00SR32	
4.1250	3.5000	0.5	SC	AFH08SR32	
4.1875	5.2500	0.5	SC	AFH12EL32	VC1 
4.2500	4.7300	0.375	SC	AFS16PC24	
	5.2500	0.5	SC	AFH16EL32	
4.3125	5.3750	0.5	SC	AFH20RH32	KA 
4.3750	5.3750	0.5	OC	OCH24RH32	
	5.3750	0.5	SC	AFH24RH32	
	5.7500	0.5625	TB	BDH24HB36	KA1 
	6.0000	0.5	SC	AFH24ZZ32	
	6.0000	0.5	TC	BFH24ZZ32	
	6.0000	0.5	TB	BDH24ZZ32	KA2 
	6.0000	0.5625	TB	BDH24ZZ36	
4.4370	5.5060	0.562	SA2	ACH28SR36	
4.4375	5.5000	0.5	SC	AFH28SR32	KB 
4.5000	5.2500	0.375	SA3	ASH32EL24	
	5.5000	0.5	SC	AFH32SR32	
	5.7500	0.375	OC	OCH32HB24	KB1 
	5.7500	0.5625	SC	AFH32HB36	
	6.0000	0.5	VCY	VYH32ZZ32	
	6.1250	0.5625	SC	AFH32ZB36	
4.7500	5.7500	0.5	SC	AFH48HB32	KC 
	6.0000	0.563/0.063	TCY	BYH48ZZ36	
	6.0000	0.625	TB	BDH48ZZ40	
4.8400	5.5625	0.39	SC	AFHP8PUP4	KC1 
4.8750	5.7500	0.4375	TB	BDH56HB28	
	5.7500	0.473	SC	AFH56HBP4	
	5.8750	0.437	SC	AFH56ULP4	
	6.0000	0.5625	TC	BFH56ZZ36	DA 
	6.0000	0.625	TB	BDH56ZZ40	
4.9375	6.0000	0.5	SC	AFH60ZZ32	
5.0000	6.0000	0.5	SC	AFU00ZZ32	DB 
5.0625	6.1250	0.5	SC	AFU04ZB32	
5.1250	6.1250	0.5	SC	AFU08ZB32	
	6.1250	0.5	TC	BFU08ZB32	DC 
5.2500	6.2500	0.5	SC	AFU16EL32	
	6.2500	0.5	TB	BDU16EL32	
5.3750	4.3750	0.5	OC	OCU24RH32	470 
	6.3750	0.5	SC	AFU24RH32	
5.5000	6.5000	0.5	SC	AFU32SR32	
5.5625	4.8125	0.406	SC	AFUP5URP4	420 
5.6250	6.6250	0.5	SC	AFU40HZ32	
5.7500	6.7500	0.5	SC	AFU48HB32	
	6.7500	0.5	TC	BFU48HB32	380 

www.sealtech.vn