

WAFQ™ Range

mechanical seals for the
food and water
processing industries





Food and Water Processing Industries

Mechanical seals for Food & Water Processing Industries require;

- **Compliance to FDA Regulations**
- **Compliance to the Water Supply Regulations 1989**
- **Hygienically profiled components in contact with the processed product media**
- **Component design which minimises the likelihood of food entrapment**

WAFQ™ Water & Food Quality Seals

The AESSEAL® range of Water and Food Quality mechanical seals have been specifically designed to meet the stringent requirements of Food Processing Industries. All Seal designs are available to suit the following shaft sizes;

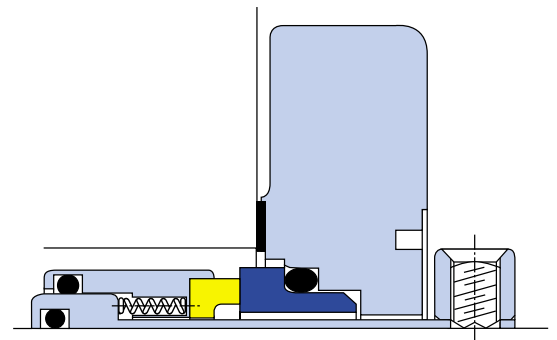
Imperial shaft sizes				
1.000"	1.625"	2.250"	2.875" *	3.500" *
1.125"	1.750"	2.375"	3.000" *	3.625" *
1.250"	1.875"	2.500"	3.125" *	3.750" *
1.375"	2.000"	2.625"	3.250" *	3.875" *
1.500"	2.125"	2.750"	3.375" *	4.000" *

Metric shaft sizes (mm)					
24	33	45	58	70	95 *
25	35	48	60	75 *	100*
28	38	50	63	80 *	
30	40	53	65	85 *	
32	43	55	68	90 *	

(* Sizes not available in WAFQ-III™ design)

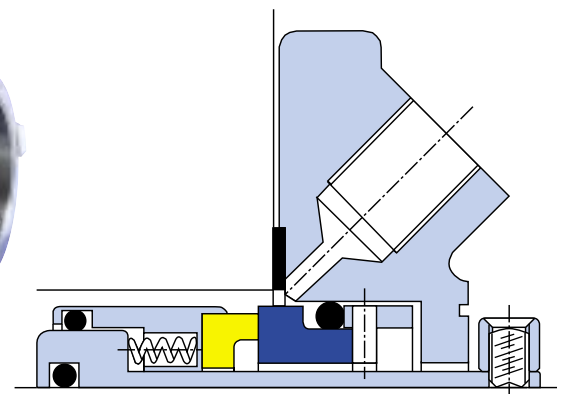
WAFQ-II™

- Single Cartridge Seal
- Springs out of the Product Media
- Balanced Seal Faces
- Easy to install
- Short External Seal Length



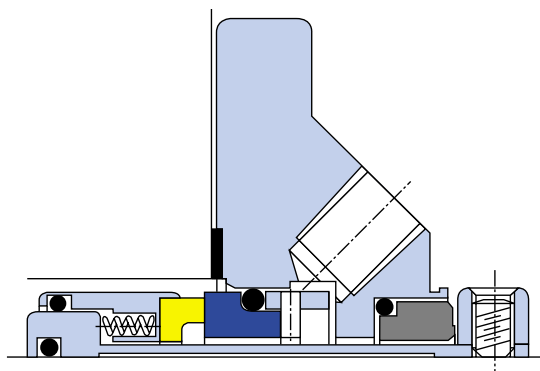
WAFQ-III™

- Flush Connection
- Single Cartridge Seal
- Springs out of the Product Media
- Self Aligning, Balanced Seal Faces
- Short External Seal Length



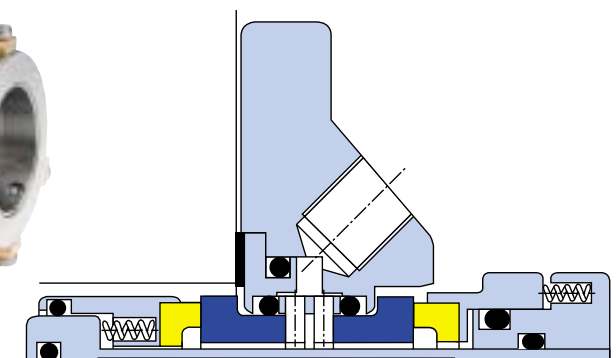
WAFO-IV™

- Single Cartridge Seal
- Springs out of the Product Media
- Self Aligning, Balanced Seal Faces
- Quench, Drain & Flush Connections



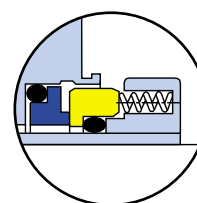
WAFO-VI™

- Double Cartridge Seal
- Springs out of the Product media
- Self Aligning, Balanced Seal Faces
- Quench & Drain Connections



WAFO-V™

(Low pressure barrier fluid option)



Materials of Construction

Elastomers

The elastomers are offered in FDA compliant Viton® and EPDM as standard. Please check the availability of alternative elastomer materials if required. Gaskets are supplied in a FDA compliant compound.

Seal Faces

Standard seal face materials include:- Carbon, Silicon Carbide and Ceramic.

Componentry

All metallic components in contact with the processed media are manufactured from 316 stainless steel. All lubrication and adhesive compounds employed to assemble the seal, comply to Food and Water regulations. Certification of compliance is available upon request. If in doubt please contact AESSEAL® to determine which materials are compliant for any one particular application.


























Food Quality Barrier Fluid

Thermotec Velvet™ barrier fluid is available for use on double seal applications. Thermotec Velvet™ is a colourless, viscous, stable, hygroscopic liquid which is tasteless and odourless. Consult AESSEAL® for further information if required.



ENVIRONMENTAL TECHNOLOGY

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INVESTOR IN PEOPLE

USE DOUBLE MECHANICAL SEALS WITH HAZARDOUS PRODUCTS. ALWAYS TAKE SAFETY PRECAUTIONS:

- GUARD YOUR EQUIPMENT
- WEAR PROTECTIVE CLOTHING



WARNING

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