

# Seal Conversions

Mechanical Seal Conversions for the Weir Warman®  
WBH Range of Heavy Duty Slurry Pumps



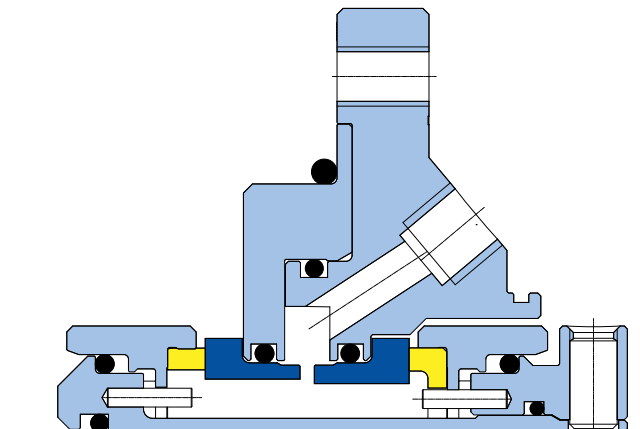
- Bespoke designs
- Modular construction
- Ease of installation
- Ease of selection
- Self-aligning seal faces
- Cartridge design
- Pre-set unit for reliable installation

# Mechanical seal conversions for heavy duty slurry pumps



## CDPH™-WBH — Double Seal for Heavy Duty Slurries

- Double mechanical seal is designed to meet the arduous requirements of heavy duty slurry applications
- Stationary faces are oversized to allow for more radial movement
- Large ports and increased radial clearances enable the seal to maintain a stable fluid film for extended seal life
- Exotic metal parts are available to resist corrosion and erosion
- 316L SS, Super Duplex, and Alloy 276 are all standard material configurations. 316L SS and Super Duplex are stocked on inventory

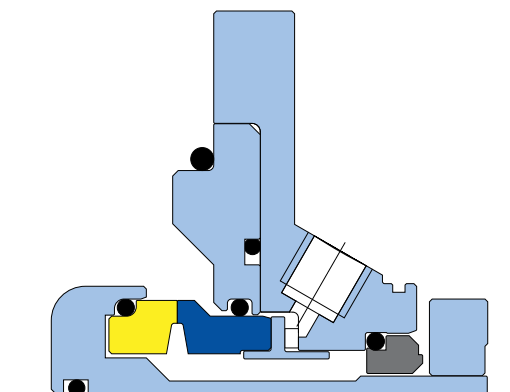


CDPH™-WBH

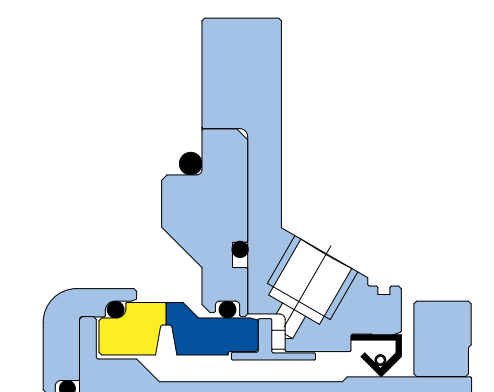


## FGDSS-N™-WBH / FGDSS-NL™-WBH — Single Slurry Seal

- Single seal suitable for all FGD, Mining and Mineral Ore production applications
- Long lasting, abrasion resistant materials of construction
- Robust construction designed for ease of installation
- Rapid delivery on engineered and customized designs
- 316L SS, Super Duplex, and Alloy 276 are all standard material configurations. 316L SS and Super Duplex are stocked on inventory



FGDSS-N™-WBH



FGDSS-NL™-WBH

## CDPH™ WBH /

Face Combination	Size and Pump Ref.	O'ring	Metallurgy
TC/TC/TC/CB	45.000mm - 25 MC-WBH, 40 MC-WBH (Based on Warman revision 24)	FKM	316L SS
TC/TC/TC/TC	50.000mm - 50 NC-WBH, 75 NPC-WBH	EPR	Super Duplex
SiC/SiC/SiC/CB	65.000mm - 75 PC-WBH, 100 PQC-WBH	TFE/P	Alloy 276
SiC/SiC/SiC/SiC	110.000mm - 150 RC-WBH, 200 RSC-WBH	FFKM A	
TC/SiC/TC/SiC	165.000mm - 200 SC-WBH, 250 SC-WBH	AES-Elast	
	220.000mm - 300 TC-WBH	AES-Elast / FKM	
	45.000mm - 25 MC-WBH, 40 MC-WBH (Based on Warman revision 34)		

## FGDSS-N™ WBH / FGDSS-NL™ WBH

Face Combination	Size and Pump Ref.	O'ring	Metallurgy
ZC/ZC	45.000mm - 25 MC-WBH, 40 MC-WBH (Based on Warman revision 24)	FKM	316L SS
	50.000mm - 50 NC-WBH, 75 NPC-WBH	TFE/P	Super Duplex
	65.000mm - 75 PC-WBH, 100 PQC-WBH	EPR	Alloy 276
	110.000mm - 150 RC-WBH, 200 RSC-WBH	AES-Elast	
	165.000mm - 200 SC-WBH, 250 SC-WBH		
	220.000mm - 300 TC-WBH		
	45.000mm - 25 MC-WBH, 40 MC-WBH (Based on Warman revision 34)		

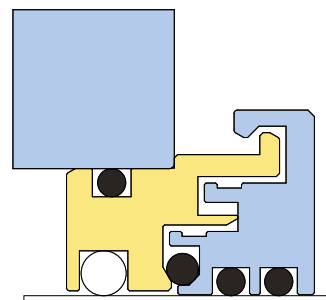
## Bearing Protection suitable for use with Weir Warman® WBH® Pumps

- Full range of end covers and stub shafts available
- Manufactured components or drawings can be supplied
- Drawings can be used for modification of OEM equipment
- Proven to increase equipment reliability



### LabTecta® WBH

- Advanced labyrinth seal design
- PTFE grease inhibitor band for superior egress protection
- Robust heavy duty design
- Shut-off valve to prevent contamination from bearing chamber breathing
- Proven to increase equipment reliability
- Full range of end covers and stub shafts also available



For further information view the **LabTecta®WBH** product brochure Bearing protection suitable for use with Warman®WBH pumps



## Complete environmental control management systems available



AESSEAL® high performance barrier fluid systems help to increase plant uptime even further by enhancing the environment in which mechanical seals operate. Many of these barrier fluid systems are patented, which means that the technology is exclusive to AESSEAL®.

We recommend the SW Range for the Weir Warman solutions. For more information please visit [www.aesseal.com/systems](http://www.aesseal.com/systems)



 This brochure is fully recyclable. When laminated, a sustainable, biodegradable and recyclable lamination is used. 

For further information and safe operating limits contact our technical specialists at the locations below.



#### UK Sales & Technical advice:

AESSEAL plc  
Mill Close  
Bradmarsh Business Park  
Rotherham,  
S60 1BZ, UK  
Tel: +44 (0) 1709 369966  
E-mail: [enquiries@aes seal.info](mailto:enquiries@aes seal.info)  
[www.aesseal.com](http://www.aesseal.com)

#### AESSEAL plc is certified to:

ISO 9001, ISO 14001, ISO/IEC 20000, ISO/IEC 27001,  
ISO/TS 29001, ISO 37001, ISO 45001 & ISO 50001



Net Zero champions globally



Use double mechanical seals with hazardous products.

Always take safety precautions:

- Guard your equipment
- Wear protective clothing



#### USA Sales & Technical advice:

AESSEAL Inc.  
355 Dunavant Drive  
Rockford,  
TN. 37853,  
USA  
Tel: +1 865 531 0192  
E-mail: [inquiries@aes seal.us](mailto:inquiries@aes seal.us)  
[www.aesseal.us](http://www.aesseal.us)

**Important:** Since the conditions and methods of use of this product are beyond our control, AESSEAL plc expressly disclaims any and all liability resulting or arising from any use of this product or reliance on any information contained in this document - AESSEAL plc standard conditions of sale apply. All sizes are subject to manufacturing tolerances. We reserve the right to modify specifications at any time. AESSEAL® is a Registered Trademark of AES Engineering Ltd, AESSEAL plc recognizes all trademarks and trademark names as the property of their owners.

Warman® is a registered trademark of Weir Minerals Australia Ltd and Weir Group African IP Ltd  
LIT-UK/US-L-WARMAN-WBH-01c Copyright © 2025 AESSEAL plc 03/2025