



Shaft Seal Ring WDR

Pre-Loaded Packing Ring in Metal Casing

Characteristics

- WDR-rings are ready-to-fit sealing elements for shafts and axles
- The wide sealing surface offers extra protection against early wear on the shaft and as well on the seal
- WDR rings are located in the housing with interference fit. The sealing effect is facilitated through the pre-loaded encapsulated packing.
- Different packing styles can be utilized depending on application



Housing

Standard: Sheet Steel EN 10130
galvanized
Special variant: VA (1.4301) - CrNi

Standard Insert

P1 Universal to +200 °C

Main application

- Crank and drive shafts
- Guiding shafts
- Axles, spindles and similar equipment
- Sealing against fluid leakage and dust penetration
- Protection for bearings and drive units

Suitable for

All Industries to seal against fluid loss or protect against dust and ingress.

Variant

- Special variants:
- A 22 up to +450 °C for high temperature application
 - S 7/G up to +250 °C for applications in abrasive environment etc.
 - The packing insert selection depends on product and temperature

Dimensions in mm

Inside	Outside	Height	Inside	Outside	Height	Inside	Outside	Height	Inside	Outside	Height	Inside	Outside	Height
12	22	07 mm	40	60	12 mm	55	75	12 mm	70	100	13 mm	105	130	10 mm
25	37	07 mm (VA)	40	62	10 mm	55	80	10 mm	75	90	10 mm	105	130	13 mm (VA)
28	40	07 mm (VA)	(40)	64	10 mm	60	75	08 mm	75	95	10 mm	110	130	13 mm
30	42	07 mm	42	62	10 mm	60	78	08 mm	80	100	10 mm (VA)	(120)	140	13 mm
30	47	07 mm	45	60	08 mm	60	78	10 mm	80	100	13 mm	(135)	150	10 mm
30	47	10 mm	45	62	10 mm	60	80	10 mm	85	110	13 mm (VA)	140	170	12 mm
30	52	07 mm	45	65	10 mm	60	80	12 mm	85	115	10 mm	140	170	15 mm
32	42	10 mm	(46)	64	10 mm	60	80	13 mm (VA)	85	120	12 mm	(150)	180	15 mm
35	47	07 mm	50	68	12 mm	60	85	10 mm	90	110	10 mm (VA)	(160)	200	15 mm
35	50	08 mm	50	70	10 mm (VA)	60	90	12 mm	90	110	13 mm	(200)	250	13 mm
35	55	08 mm	50	72	10 mm	65	80	08 mm	90	120	12 mm			
35	62	10 mm	50	75	10 mm	65	80	10 mm	95	110	10 mm			
40	52	07 mm (VA)	50	80	12 mm	65	85	10 mm (VA)	95	120	13 mm			
40	55	08 mm (VA)	55	70	08 mm	70	90	08 mm	100	115	09 mm			
40	60	08 mm	55	72	10 mm (VA)	70	90	10 mm	100	120	10 mm			
40	60	10 mm	55	75	10 mm	70	90	12 mm	100	120	13 mm			

() = on request, please note minimum order quantity
(VA) = also available with housing parts made of stainless steel

All technical information and advice is based on our experience and will be given most conscientiously but without any liability.

Indication and figures are for guidance only and need to be examined by the user. All sizes are subject to manufacturing tolerances. We reserve the right to modify specifications at any time.

Please note that the technical values cannot be used all at the same time in their maximum values.

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