



Measurements for t_1 and t_2			Table 2
b	t_1 (0,85 x b) min.	t_2 (b + 0,3) min.	r_1 max.
7	5,95	7,3	0,5
8	6,80	8,3	
10	8,50	10,3	
12	10,30	12,3	0,7
15	12,75	15,3	
20	17,00	20,3	

Material	
NBR	N
FKM (Viton®)	V
Further materials upon request	

Special models	
Niro spring	NI
Further constructions upon request	

Technical Description

The rotary shaft seal RWDR of the series **A**; **AS**; **B**; **BS**; **C**; and **CS** are to seal in radial direction and are eligible for right- and leftturn.

The rotary shaft seal is made of a rubber elastic materials and is additionally reinforced with a metal core. An additional circular screw spring is set in the radial operating sealing lip.

The standard construction according to DIN 3760 is the basis of type A. Further variants like e.g. with dust lip, double lip, safety cap and compression reinforced finishes, etc. are also available.

The sealing in an static and dynamic state is obtained by radial pressure of the sealing edge upon the shaft. This pressure is achieved through the sealing lip those inner diameter is smaller. For the standard construction the pressing strength is additionally reinforced by the set in screw spring. The static sealing at the groove bottom is obtained by the according Presssitzzugabe at the elastomere coat or directly at the metal case.

A separate RWDR-catalogue including all dimensions is available upon request.