

Structural forms **A** and **AS** ensure a secure foothold in the openings and provide, in whole temperature range, including casing materials having different coefficients of thermal expansion.

Unlike the structural form **A**, form an additional **AS** vulcanized, dust edge prevents penetration of dirt. The space between the sealing edge and dust can be further filled with a suitable lubricant to prevent rapid wear of the shaft and the formation of corrosion.

Turnover / peripheral speed

Maximum speed in operation without pressure can be determined according to a chart below. This diagram is a useful source of information and choosing the most suitable material depending on operating conditions. The values for the operating mode with a discharge load will see from Table 1. In this table are recorded pressure limits depending on the speed and peripheral speed.

Table 1

Pressure difference bar / max	Shaft	
	Maximum speed [min ⁻¹]	Maximum peripheral speed [m / s]
0,50	to 1000	2,80
0,35	to 2000	3,15
0,20	to 3000	5,60

Maximum speed for different types of rubber

