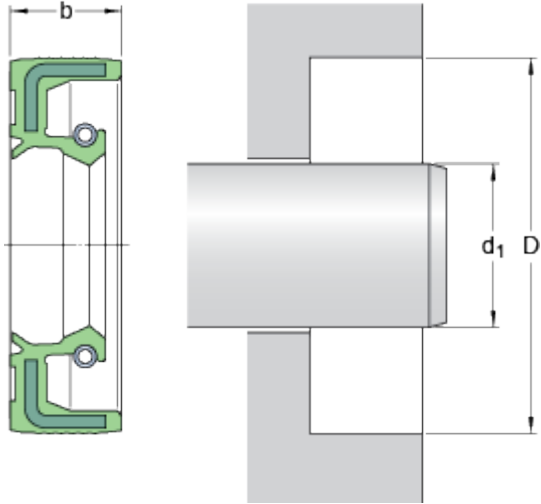


# 50x90x10 HMSA10 V

## Dimensions



$d_1$	50	mm
D	90	mm
b	10	mm

## Application and operating conditions

Pressure differential	max.	0.03	MPa
Operating temperature	min.	-40	°C
Operating temperature	max.	200	°C
Operating temperature, short period	max.	220	°C
Rotational speed	max.	3820	r/min
Shaft surface speed	max.	10	m/s