

# 33x45x7 HMSA10 RG

## Dimensions



$d_1$	33	mm
D	45	mm
b	7	mm

## Application and operating conditions

Pressure differential	max.	0.03	MPa
Operating temperature	min.	-40	°C
Operating temperature	max.	100	°C
Operating temperature, short period	max.	120	°C
Rotational speed	max.	8102	r/min
Shaft surface speed	max.	14	m/s