



## *Lip Seal For A/C Compressor*

- Rotating shaft seals exclusively designed for car air-conditioning compressors
- Eagle Industry's original design featuring compactness and high reliability
- Helps eliminate CFC leakage causing global warming
- Made of rubber suitable for sealing CFCs and refrigerator oil
- Mass-production by full automated assembling lines and supplied to compressor makers worldwide



The lip seal for A/C compressor is specifically designed for automotive climate compressors. EKK A/C compressor seals are known for its outstanding sealing performance, robustness and quality.

Its unique design with a combination of rubber and PTFE sealing can seal perfectly in R134 and R1234YF refrigerant and covers a large operating range.

Perfection in material, process and design makes this seal a well-established, cost effective sealing solution for automotive climate compressors which is highly appreciated by our customers.

## Operation conditions:

Specification	Range	Unit
Medium	R134a / R1234yf & Compressor Oil	[-]
Pressure – dynamic	0 till 0,7	MPaG
Pressure – static	- 0,1 till 3,0	MPaG
Temperature	-40 till +150	°C
Speed	8	m/s
	10.000	min <sup>-1</sup>
Elastomer materials	HNBR / PTFE	[-]

## Assembly dimensions:

Specification	Abbr.	Range	Unit
Shaft diameter	D <sub>1</sub>	12,7 – 25	mm
Bore diameter	D <sub>2</sub>	22,9 – 40	mm
Total height	H <sub>1</sub>	8,6 – 15,2	mm
Mounting height	H <sub>2</sub>	6,2 – 11	mm
Shaft specification		0,2 – 0,6	µmRa

