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The profile **DP** is a **complete piston** with end cushioning for double-acting pneumatic cylinders. The design includes a double-cup seal and a vulcanized metal disc support. The DP complete piston performs three functions: **sealing - guiding - cushioning**.

Main advantages:

- Simple fixing at the piston rod without additional sealing requirements.
- Immediate response (full pressure load) thanks to integrated venting channels.
- Low friction and smooth running thanks to sealing lip geometry retaining the lubrication film.
- Suitable for use in lubricated as well as oil-free air (after initial lubrication on assembly).

Range of Application:

Working pressure	max. 12 bar
Working temperature	-30 / +80 °C
Surface speed	max. 1,0 m/s

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