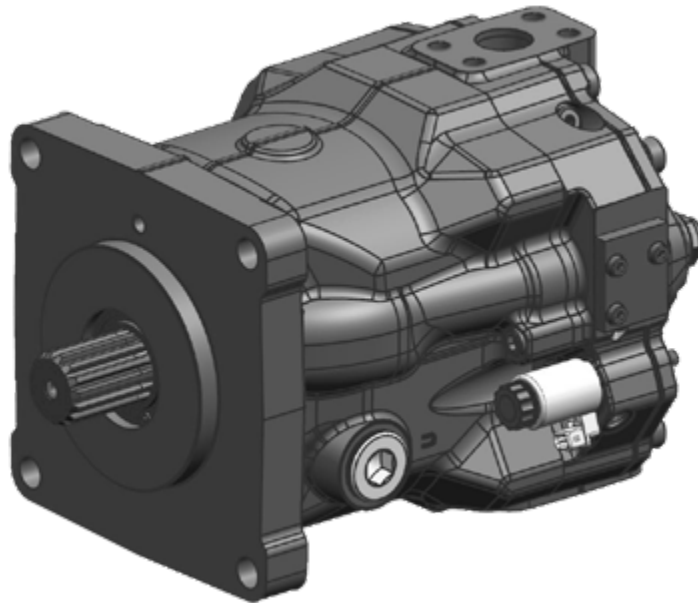


# HPR 249-02

## Self-regulating pump for open circuit operation



### Design Characteristics

- >> Electro-proportional controlled pump
- >> Outstanding suction speed capability and high displacement
- >> Modular control

### Advantages

- >> Cost-efficient solution & precise control
- >> Extremely compact pump
- >> No need of an impeller pump
- >> Versatile applications

### General technical data

|              |                            |               |                       |
|--------------|----------------------------|---------------|-----------------------|
| Nominal size |                            |               | 249                   |
| Displacement | Max. Displacement          | cc/rev        | 249.9                 |
|              | Speed                      | Maximum speed | rev/min               |
| Oil flow     | Max. oil flow <sup>1</sup> | l/min         | 2300 <sup>3</sup>     |
| Pressure     | Nominal pressure           | bar           | 574.8 <sup>3</sup>    |
|              | Max. pressure <sup>2</sup> |               | 350                   |
| Torque       |                            | Nm            | 420                   |
| Power        | Corner power(theoretical)  | kW            | 1392                  |
|              |                            |               | 335.3 <sup>1, 3</sup> |
| Weight       | approx. (without oil)      | kg            | 125                   |

<sup>1</sup> theoretical data of a single unit without efficiency effects

<sup>2</sup> highest transient pressure, that can temporarily occur

<sup>3</sup> consultation with Linde Hydraulics required

# HPR 249-02

Self-regulating pump  
for open circuit operation

Linde Hydraulics

*Linde*

## Interfaces & Options

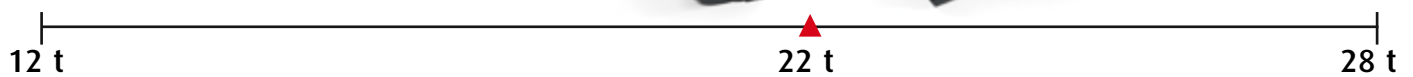
| Nominal size | Flange                    | Shaft                             | PTO           |
|--------------|---------------------------|-----------------------------------|---------------|
| 249          | SAE J744<br>SAE-E / 165-4 | SAE J744<br>SAE-E / 8/16-15 teeth | SAE-C / 127-2 |

| Nominal size | Controller  |                |  |  |
|--------------|---|----------------|--|--|
| 249          | Modal control without<br>mechanical position feedback | EDC / LS / PCO |  |  |

## Application example



### Category



### Equipment

- A** 1x iCon CD 97-01
- B** 1x HPR 249-02
- C** 1x VW22/18 M5-03
- D** 1x HMF 55-02
- E** 1x HMR 105-02 H5P2