HPR 95-02 Self-regulating pump for open circuit operation

Design Characteristics

>> High speed capability and very low weight
>> required installation space corresponds to nominal size 75
>> various PTO-options
>> Standardized interfaces

Advantages

>> High power density
>> Extremely compact installation
>> Ease of application

General technical data

<table>
<thead>
<tr>
<th>Nominal size</th>
<th>Displacement Max. Displacement cc/rev</th>
<th>Speed Maximum speed rev/min</th>
<th>Oil flow Max. oil flow l/min</th>
<th>Pressure Nominal pressure bar</th>
<th>Max. pressure$^2$ (Δp=nom. pressure) Nm</th>
<th>Torque Corner power kW</th>
<th>Weight approx. (without oil) kg</th>
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</table>

1 theoretical data of a single unit without efficiency effects
$^2$ highest transient pressure, that can temporarily occur
## Interfaces

### Controllers

LS-Controllers, without position feedback
- LP
- E1L
- H1L

* intermediate flange required

### Shafts & Power take-off (PTO)

#### Shafts

- **ANSI B92.1**
  - 16/32 - 21Z (35-4)
  - 12/24 - 14Z (32-4)

#### Power take-off (PTO)

- **SAE A**
- **SAE B***
- **SAE C***

* intermediate flange required

### Flanges

- **SAE C 2-hole (SAE J 744) 127-2 ISO 3019-1**

### Ports

- **Work ports**
  - High pressure SAE 1*
    - ISO 6162-2
  - Suction port SAE 2*
    - ISO 6162-1

- **Threaded ports**
  - ISO 6149-1

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**Range of application**

![Graph showing drive speed vs. oil flow for HPR 95-02 pump.](image-url)

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