

**SLPD 20/20-64/32 DIN is a series of in-line dual flow pumps with extremely low noise levels for demanding mobile hydraulics.**

SLPD 20/20-64/32 DIN comes in eight different sizes, where three models feature differentiated flows. Pumps with differentiated flow increase the field of application as they can provide three different flows: one small, one large and one combined flow. Maximum pressure is 330-350 bar depending on the model. Its slim pump housing makes direct mounting on the power take-off possible in very confined areas.

SLPD 20/20-64/32 DIN is also ideal for installation using a frame bracket via an intermediate shaft.

It is available in a version with a Savtec valve for applications where the hydraulics need to be used while the vehicle is on the move.

**Other advantages:**

- Independent direction of rotation
- A cost effective total solution in relation to a conventional installation using two pumps with a splitter gear box
- Smooth operation over the entire speed range
- Long life due to high demands on material selection, such as bearings, seals, etc.
- O-rings on all contact surfaces as well as double shaft seals
- Extremely low noise emission over entire speed and pressure ranges

## Versions, main data

Example

|           |           |   |              |          |   |          |   |            |   |            |   |           |          |
|-----------|-----------|---|--------------|----------|---|----------|---|------------|---|------------|---|-----------|----------|
| <b>SL</b> | <b>PD</b> | - | <b>46/46</b> | <b>W</b> | - | <b>N</b> | - | <b>DL4</b> | - | <b>L35</b> | - | <b>S4</b> | <b>S</b> |
| Line      | 1         |   | 2            | 3        |   | 4        |   | 5          |   | 6          |   | 7         | 8        |

Line

|    |                |
|----|----------------|
| SL | Sunfab In-Line |
|----|----------------|

1. Type

|    |                |
|----|----------------|
| PD | Dual flow pump |
|----|----------------|

2. Displacement

|       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 20/20 | 28/28 | 40/20 | 35/35 | 56/28 | 46/46 | 53/53 | 64/32 |
|-------|-------|-------|-------|-------|-------|-------|-------|

3. Direction of rotation

|   |             |
|---|-------------|
| W | Independent |
|---|-------------|

4. Sealing

|   |         |
|---|---------|
| N | Nitrile |
|---|---------|

5. Mounting flange

|     |                     |
|-----|---------------------|
| DL4 | DIN 4-h (ISO 7653D) |
|-----|---------------------|

6. Shaft

|     |                   |
|-----|-------------------|
| L35 | DIN 5462 / ISO 14 |
|-----|-------------------|

7. Connection cover

|    |                      |
|----|----------------------|
| S4 | Sunfab standard SLPD |
|----|----------------------|

8. Connections

|   |                 |
|---|-----------------|
| S | Sunfab standard |
|---|-----------------|



# HYDROTRUCK

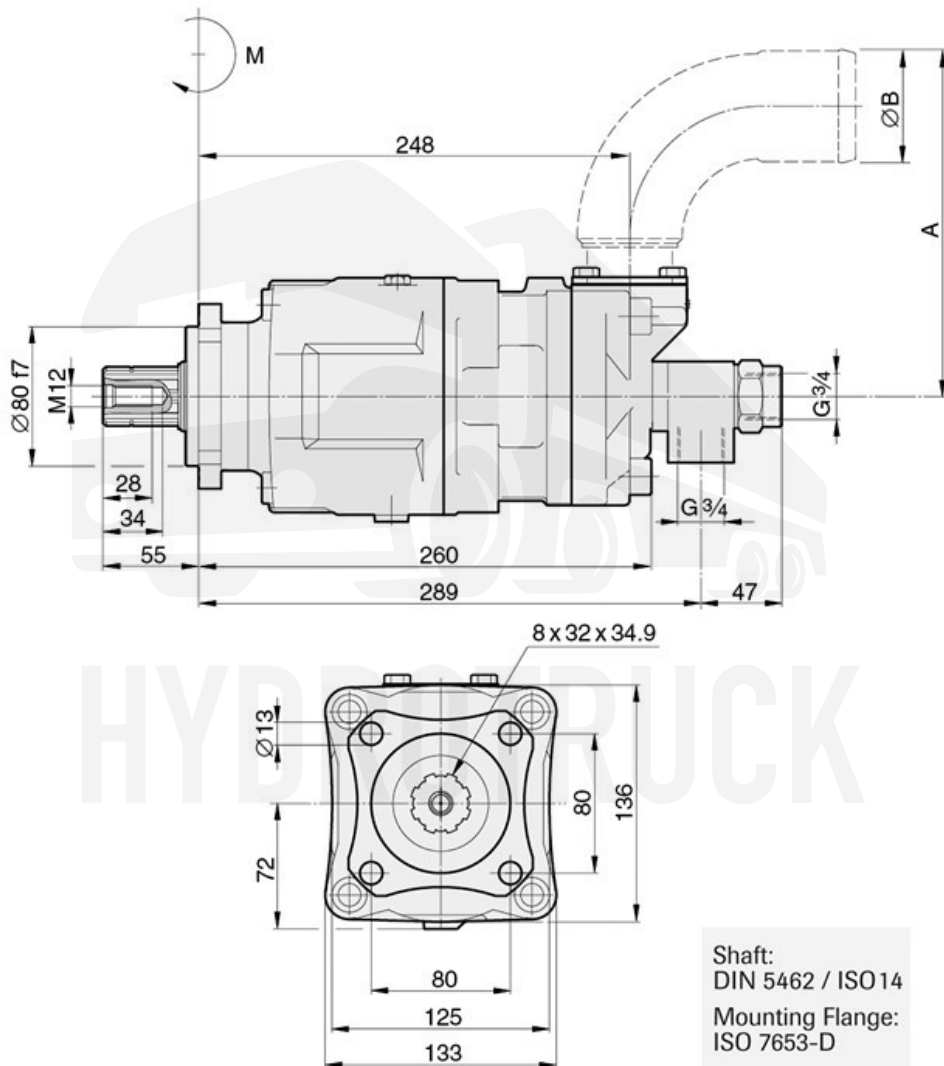


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| SLPD 20/20-64/32 DIN               |                      | 20/20       | 28/28       | 40/20       | 35/35       | 56/28       | 46/46       | 53/53       | 64/32       |           |
|------------------------------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|
| Theoretical oil flow at pump speed |                      |             |             |             |             |             |             |             |             |           |
|                                    | rpm                  | 500         | 10+10=20    | 14+14=28    | 20+10=30    | 17+17=34    | 27+14=41    | 23+23=46    | 26+26=52    | 32+16=48  |
|                                    |                      | 1000        | 20+20=40    | 28+28=56    | 41+20=61    | 34+34=68    | 55+28=83    | 46+46=92    | 53+53=106   | 63+32=95  |
|                                    |                      | 1500        | 31+31=62    | 41+41=82    | 61+31=92    | 51+51=102   | 82+41=123   | 69+69=138   | 79+79=158   | 95+47=142 |
| Displacement                       | cm <sup>3</sup> /rev | 20.4 + 20.4 | 27.5 + 27.5 | 40.7 + 20.4 | 33.9 + 33.9 | 54.9 + 27.5 | 45.8 + 45.8 | 52.6 + 52.6 | 63.1 + 31.5 |           |
| Max pump speed                     | rpm                  | 2200        | 1800        | 2200        | 2200        | 1800        | 1800        | 1600        | 1600        |           |
| Max working pressure               | bar                  | 350         | 350         | 350         | 330         | 350         | 330         | 330         | 350         |           |
| Weight                             | kg                   | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        | 22.0        |           |
| Dimensioner                        | mm                   | A           | 133         | 133         | 133         | 133         | 166         | 166         | 166         |           |
| Min. dimensioner                   |                      | B           | 50          | 50          | 50          | 50          | 64          | 64          | 64          |           |
| Tare-weight torque (M)             | Nm                   |             | 26.5        | 26.5        | 26.5        | 26.5        | 26.5        | 26.5        | 26.5        |           |
| Direction of rotation              |                      |             | Independent |             |             |             |             |             |             |           |

Maximum pressure combined with maximum speed is only allowed during intermittent operation (max. 6 sec/min)



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**WARNING!**

When the pump is running:

1. Do not touch the pressure hose
2. Watch out for rotating parts
3. The pump and hoses may be hot

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