



**SAPT 090, 130 DIN is an addition to the SAP series that supports larger flows and pressure up to 300 bar.**

SAPT 090, 130 DIN are ideal for applications that require both a high flow and a high working pressure in combination with demands on small installation measurements. The pumps are either mounted directly on the power take-off or on a frame bracket via an intermediate shaft.

**Other advantages:**

- Light weight metal casing design
- Smooth operation over the entire speed range
- Long life due to high demands on material selection, such as bearings, seals, etc
- Corrosion free light metal-housing
- Less heat generation due to better ability to dissipate heat through housing

Versions, main data

Example

|      |    |   |     |   |   |   |   |     |   |     |   |    |   |   |   |    |
|------|----|---|-----|---|---|---|---|-----|---|-----|---|----|---|---|---|----|
| SA   | PT | - | 090 | L | - | N | - | DL4 | - | L35 | - | S0 | S | - | 0 | 00 |
| Line | 1  |   | 2   | 3 |   | 4 |   | 5   |   | 6   |   | 7  | 8 |   | 9 | 10 |

|      |                  |
|------|------------------|
| Line |                  |
| SA   | Sunfab Aluminium |

|                     |                     |
|---------------------|---------------------|
| 7. Connection cover |                     |
| S0                  | 40° Sunfab standard |

|         |             |
|---------|-------------|
| 1. Type |             |
| PT      | Tipper pump |

|                |                 |
|----------------|-----------------|
| 8. Connections |                 |
| S              | Sunfab standard |

|                 |         |
|-----------------|---------|
| 2. Displacement |         |
|                 | 090 130 |

|               |   |
|---------------|---|
| 9. Additional |   |
| 0             | - |

|                          |       |
|--------------------------|-------|
| 3. Direction of rotation |       |
| R                        | Right |
| L                        | Left  |

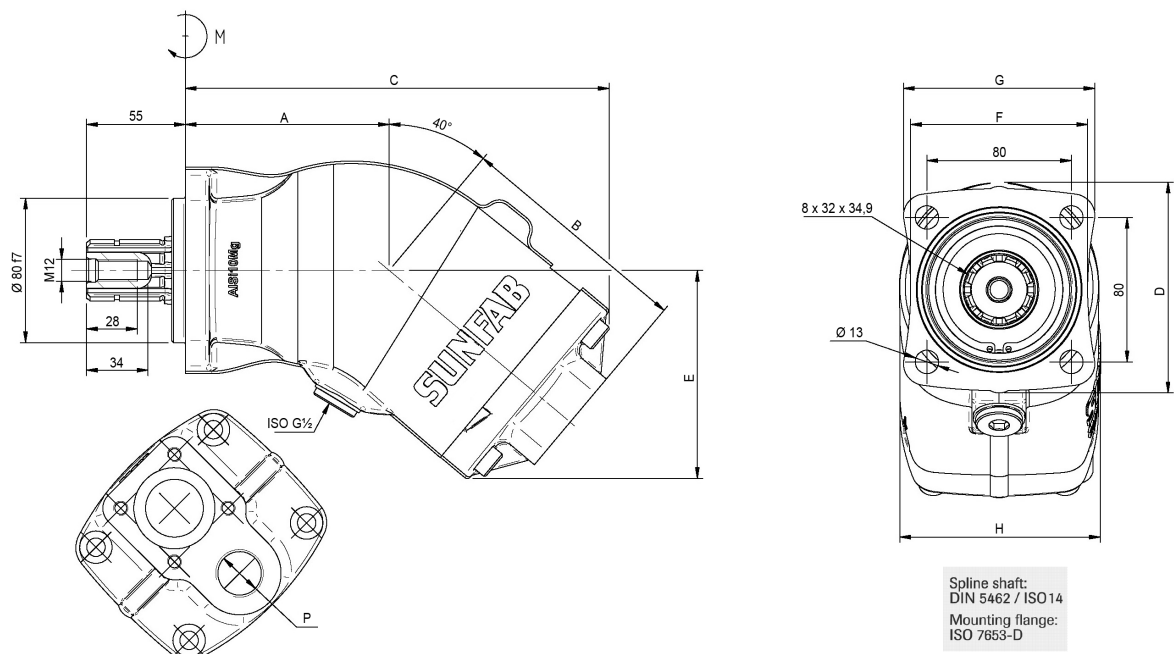
|                 |                          |
|-----------------|--------------------------|
| 10. Accessories |                          |
| 00              | No accessories available |

|            |         |
|------------|---------|
| 4. Sealing |         |
| N          | Nitrile |

|                    |                     |
|--------------------|---------------------|
| 5. Mounting flange |                     |
| DL4                | DIN 4-h (ISO 7653D) |

|          |                   |
|----------|-------------------|
| 6. Shaft |                   |
| L35      | DIN 5462 / ISO 14 |

| Pump SAPT 090, 130 DIN                      |         |                        | 090   | 130   |      |
|---------------------------------------------|---------|------------------------|-------|-------|------|
| Theoretical oil flow l/min<br>at pump speed | rpm     |                        | l/min |       |      |
|                                             |         | 500                    | 45.0  | 65.0  |      |
|                                             |         | 1000                   | 90.0  | 130.0 |      |
|                                             |         | 1500                   | 135.0 | 195.0 |      |
| Displacement                                | cm³/rev |                        | 90.0  | 130.0 |      |
| Max pump speed<br>continuous<br>limited     | rpm     |                        | 1500  | 1500  |      |
|                                             |         |                        | 2000  | 2000  |      |
| Max working pressure                        | bar     |                        | 300   | 300   |      |
| Weight                                      | kg      |                        | 9.8   | 13.9  |      |
| Dimensions                                  | mm      | A                      | 113   | 122   |      |
|                                             |         | B                      | 131   | 147   |      |
|                                             |         | C                      | 235   | 264   |      |
|                                             |         | D                      | 118   | 127   |      |
|                                             |         | E                      | 115   | 133   |      |
|                                             |         | F                      | 98    | 98    |      |
|                                             |         | G                      | 106   | 106   |      |
|                                             |         | H                      | 111   | 118   |      |
|                                             |         | ISO G                  | P     | 34    | 1    |
|                                             |         | Tare-weight torque (M) | Nm    | M     | 11.5 |
| Direction of rotation                       |         | Left (L) or Right (R)  |       |       |      |





## 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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