



Sunfab SC is a series of piston pumps with a fixed displacement for exacting mobile hydraulics.

Sunfab SC covers the entire displacement range 12–108 cm³/revs at a maximum working pressure of 40 MPa.

Sunfab SC is a modern, compact pump which meets the market's high demands on flow performance, pressure, efficiency and small installation dimensions.

Sunfab SC is either mounted directly on the power take off or on a frame bracket via an intermediate shaft.

The SC pump should be supplemented with the Sunfab By-Pass valve in installations where the hydraulics are used while the vehicle is on the move.

Sunfab SC's high level of reliability is based on the choice of materials, hardening methods, surface structures and the quality assured manufacturing process.

Other advantages of Sunfab SC:

- High maximum speed while maintaining low noise levels
- 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 eliminate oil leakage from the pump and power take off
- The stop shoulder on the angle housing allows the pump's direction of rotation to be changed without the risk of altering the gear meshing

| Type SC | | | 012 | 017 | 025 | 034 | 047 | 056 | 064 | 084 | 108 |
|--|-----------------------|------|----------|------|------|------|-------|------|------|-------|-------|
| Nominal oil flow at pump speed rpm | | | | | | | l/min | | | | |
| | | 500 | 5.8 | 7.9 | 12.5 | 17.0 | 23.5 | 28.0 | 31.5 | 41.5 | 54.0 |
| | | 1000 | 12.0 | 16.2 | 25.0 | 34.0 | 47.0 | 56.0 | 63.5 | 83.5 | 108.0 |
| | | 1500 | 18.3 | 24.7 | 37.5 | 51.0 | 70.5 | 84.0 | 95.5 | 125.0 | 162.0 |
| Displacement | cm ³ /rev. | | 12.6 | 17.0 | 25.4 | 34.2 | 47.1 | 56.0 | 63.6 | 83.6 | 108.0 |
| Max pump speed: continuous limited | rpm | | 2300 | 2300 | 2300 | 2300 | 1900 | 1900 | 1900 | 1500 | 1500 |
| | | | 3000 | 3000 | 3000 | 3000 | 2500 | 2500 | 2500 | 2000 | 2000 |
| Max working pressure | MPa | | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| Weight | kg | | 8.3 | 8.3 | 8.5 | 8.5 | 11.7 | 11.7 | 11.7 | 17.0 | 17.0 |
| Dimensions | mm | A | 97 | 97 | 97 | 97 | 113 | 113 | 113 | 123 | 123 |
| | | B | 112 | 112 | 112 | 112 | 130 | 130 | 130 | 147 | 147 |
| | | C | 202 | 202 | 202 | 202 | 228 | 228 | 228 | 259 | 259 |
| | | D | 99 | 99 | 99 | 99 | 109 | 109 | 109 | 126 | 126 |
| | | E | 97 | 97 | 97 | 97 | 109 | 109 | 109 | 126 | 126 |
| | | F | 89 | 89 | 89 | 89 | 99 | 99 | 99 | 115 | 115 |
| | | G | 97 | 97 | 97 | 97 | 106 | 106 | 106 | 123 | 123 |
| | | H | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 50 | 50 |
| | | P | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 64 | 64 |
| | | Q | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 1 | 1 |
| | ISO G | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| Tare-weight torque | Nm | M | 6.9 | 6.9 | 7.4 | 7.4 | 13 | 13 | 13 | 21 | 21 |
| Direction of rotation | | | optional | | | | | | | | |

Subject to design alteration

