

## Pump SC 75/75





Sunfab SC 75/75 is a double pump with two fixed displacements and the largest in our SC-series of piston pumps for exacting mobile hydraulics.

SC 75/75 gives a full 2 x 75.0 cm³/revs and supports a maximum working pressure of 35 MPa. Seven pistons per circuit ensure a pulsation-free and balanced flow.

SC 75/75 is a modern, compact pump which meets the market's high demands on flow performance, pressure, efficiency and small installation dimensions.

SC 75/75 can effectively be direct mounted on gearboxes equipped with engageable and disengageable power take-offs.

The reliability of SC 75/75 has its basis in the special hardening and surface finish of critical components and the stringent inspection during the whole manufacturing process.

## Other advantages of Sunfab SC 75/75:

- Large displacement gives the possibility of low motor speeds and low noise levels.
- 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 takeoff.
- The market's highest displacement in relation to size.



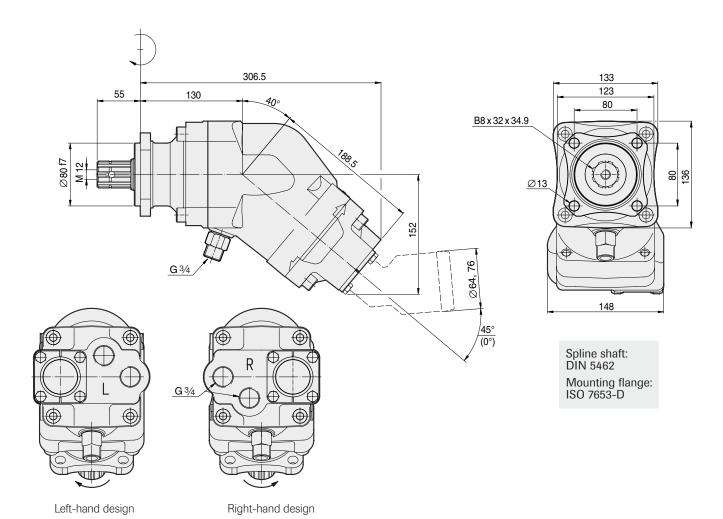




## SC 75/75

Nominal oil flow at pump speed rpm	500 1000 1200	Vmin 37.5 + 37.5 = 75 75.0 + 75.0 = 150 90.0 + 90.0 = 180		
Displacement	cm³/rev.	75 + 75		
Max. pump speed	rpm	1200		
Max. working pressure	MPa	35		
Weight	kg	22.1		
Tare-weight torque	Nm	32.6		
Nominal power at pressure and pump speed rpm	500 1000 1200	20 MPa 12.5 + 12.5 = 25.0 kW 25.0 + 25.0 = 50.0 kW 30.0 + 30.0 = 60.0 kW	25 MPa 15.6 + 15.6 = 31.2 kW 31.2 + 31.2 = 62.4 kW 37.5 + 37.5 = 75.0 kW	35 MPa 21.9 + 21.9 = 43.8 kW 43.7 + 43.7 = 87.4 kW 52.5 + 52.5 = 105.0 kW
Nominal torque on the pump shaft at different pressure		20 MPa 238 + 238 = 476 Nm	<b>25 MPa</b> 298 + 298 = 596 <b>N</b> m	35 MPa 416 + 416 = 832 Nm
Direction of rotation	supplied in right or left-hand designs			

Subject to design alteration





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