



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 cm<sup>3</sup>/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 take-off.
- The market's highest displacement in relation to size.

## SC 75/75

Nominal oil flow at pump speed rpm	500 1000 1200	l/min $37.5 + 37.5 = 75$ $75.0 + 75.0 = 150$ $90.0 + 90.0 = 180$		
Displacement	cm <sup>3</sup> /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		20 MPa	25 MPa	35 MPa
	500	$12.5 + 12.5 = 25.0$ kW	$15.6 + 15.6 = 31.2$ kW	$21.9 + 21.9 = 43.8$ kW
	1000	$25.0 + 25.0 = 50.0$ kW	$31.2 + 31.2 = 62.4$ kW	$43.7 + 43.7 = 87.4$ kW
	1200	$30.0 + 30.0 = 60.0$ kW	$37.5 + 37.5 = 75.0$ kW	$52.5 + 52.5 = 105.0$ kW
Nominal torque on the pump shaft at different pressure		20 MPa	25 MPa	35 MPa
		$238 + 238 = 476$ Nm	$298 + 298 = 596$ Nm	$416 + 416 = 832$ Nm
Direction of rotation	supplied in right or left-hand designs			

Subject to design alteration

