

Pump SC 012-108





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 reliability is based on the special hardening and surface finish of special components and on the strict quality checks throughout the entire manufacturing process.

Other advantages of Sunfab SC:

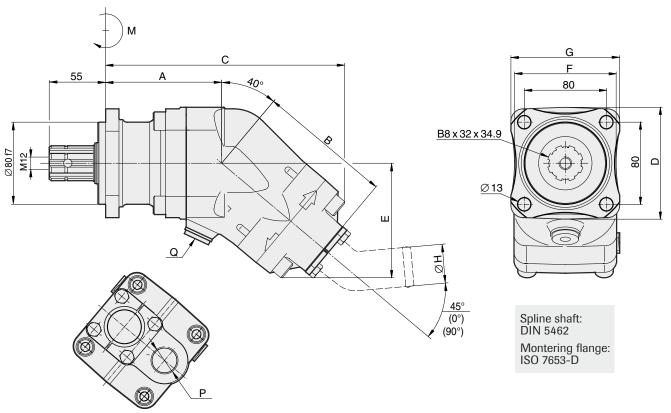
- High maximum speed while maintaining low noise levels.
- Smooth operation over the entire speed range.
- Long life due to high demands on material selection, such as bearings, seals, etc.
- O-rings on all contact surfaces as well as double shaft seals eliminate oil leakage from the pump and power takeoff.
- 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	064	084	108
Nominal oil flow at pump speed rpm		500 1000 1500	5.8 12.0 18.3	7.9 16.2 24.7	12.5 25.0 37.5	I/min 17.0 34.0 51.0	23.5 47.0 70.5	31.5 63.5 95.5	41.5 83.5 125.0	54.0 108.0 162.0
Displacement	CI	m³∕rev.	12.6	17.0	25.4	34.2	47.1	63.6	83.6	108.0
Max pump speed: continuous limited		rpm	2300 3000	2300 3000	2300 3000	2300 3000	1900 2500	1900 2500	1500 2000	1500 2000
Max working pressure		MPa	40	40	40	40	40	40	40	40
Weight		kg	8.1	8.1	8.1	8.1	11.7	11.7	17.0	17.0
Dimensions	mm ISO G ISO G	A B C D E F G H P Q	97 112 202 99 97 89 97 38 50 3/4 1/2	97 112 202 99 97 89 97 38 50 3/4 1/2	97 112 202 99 97 89 97 38 50 3/4 1/2	97 112 202 99 97 89 97 38 50 3/4 1/2	113 130 228 109 109 99 106 38 50 3/4 1/2	113 130 228 109 109 99 106 38 50 3/4 1/2	123 147 259 126 126 115 123 50 64 1	123 147 259 126 126 115 123 50 64 1
Tare-weight torque	Nm	M	6.9	6.9	7.4	7.4	13	13	21	21
Direction of rotation	optional									

Subject to design alteration



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