



**SCPD 56/26 DIN is a dual flow pump with two separate flows of different sizes.**

SCPD 56/26 DIN gives 56.0 and 26.0 cm<sup>3</sup>/rev. and supports a maximum working pressure of 400 bar. It can effectively be directly mounted on gear boxes equipped with engageable and disengageable power take-offs. It is speed optimised and therefore supplied for either left (L) or right (R) rotation direction.

**Other advantages:**

- High self-priming speed
- Constant low noise level
- 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

## Versions, main data Example

SC	PD	-	56/26	L	-	V	-	DL4	-	L35	-	S0	S	-	2	00
Line	1		2	3		4		5		6		7	8		9	10

Line	
SC	Sunfab Compact, bent-axis design

1. Type	
PD	Dual flow pump

2. Displacement	
	56/26

3. Direction of rotation	
L	Left
R	Right

4. Sealing	
V	FPM

5. Mounting flange	
DL4	DIN 4-h (ISO 76530)

6. Shaft	
L35	DIN 5462/ISO14

7.	
S0	Sunfab standard

8. Connections	
S	Sunfab standard

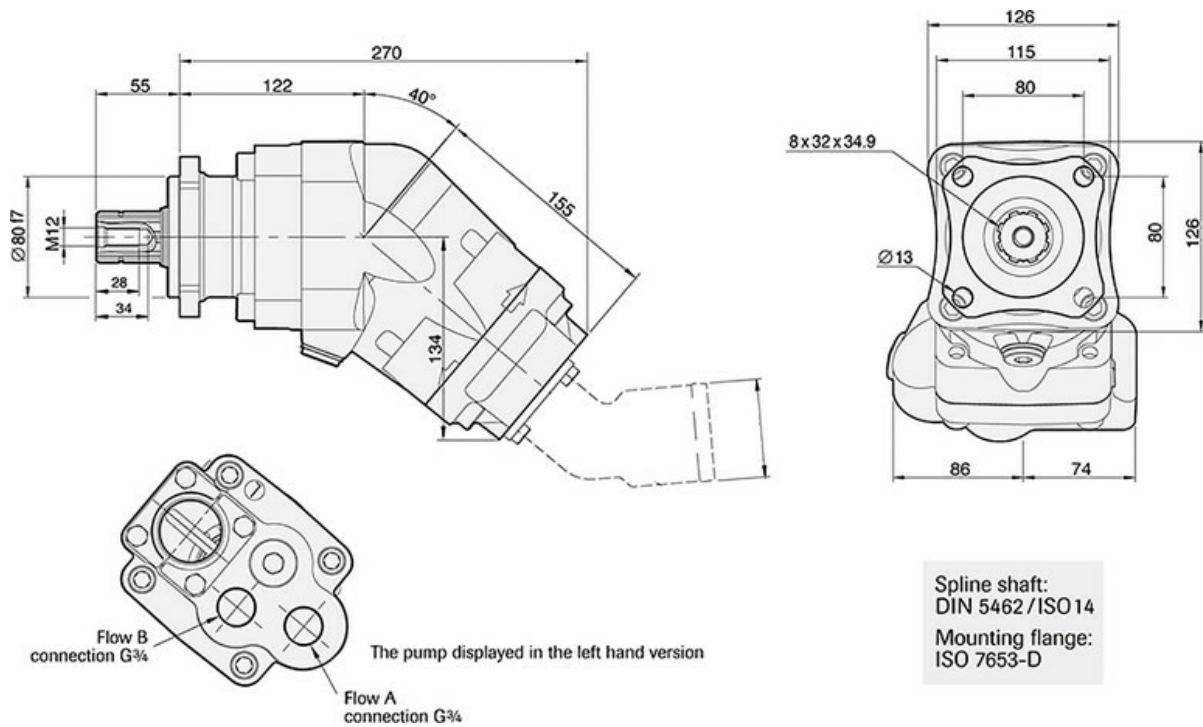
9. Additional	
2	Optimised

10. Accessories	
00	No accessories available

X = Standard, preferred  
 (X) = Available, option  
 O = Contact Sunfab

**Pump SCPD 56/26 DIN**

Theoretical oil flow A+B at pump speed	rpm	l/min		
	600	33.5 + 15.5 = 49		
	1000	56.0 + 26.0 = 82		
	1200	67.0 + 31.0 = 98		
	1500	84.0 + 39.0 = 123		
	1800	100.5 + 46.5 = 147		
Displacement A+B	cm <sup>3</sup> /rev	56.0 + 26.0		
Max pump speed	rpm	1850		
Max working pressure	Bar	400		
Weight	kg	18		
Tare-weight torque without valve	Nm	21		
Theoretical power at pressure and pump speed	rpm	200 Bar	300 Bar	400 Bar
	600	11.2 + 5.2 = 16.4 kW	16.8 + 7.8 = 24.6 kW	22.4 + 10.4 = 32.8 kW
	1200	22.4 + 10.4 = 32.8 kW	33.6 + 15.6 = 49.2 kW	44.8 + 20.8 = 65.6 kW
	1800	33.6 + 15.6 = 49.2 kW	50.4 + 23.4 = 73.8 kW	67.2 + 31.2 = 98.4 kW
Theoretical torque on pump shaft at different pressures		200 Bar	300 Bar	400 Bar
		178 + 83 = 261 Nm	267 + 124 = 391 Nm	356 + 165 = 521 Nm
	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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