



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

SCPD 56/26 DIN provides 56.0 and 26.0 cm³/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
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7. Connection cover	S0	Sunfab standard
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1. Type	PD	Dual flow pump
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8. Connections	S	Sunfab standard
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2. Displacement	56/26
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9. Additional	2	Optimised
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3. Direction of rotation	L	Left
	R	Right

10. Accessories	00	No accessories available
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4. Shaft seal	V	FPM
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5. Mounting flange	DL4	DIN 4-h (ISO 76530)
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6. Shaft	L35	DIN 5462/ISO14
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X = Standard, preferred
 (X) = Available, option
 O = Contact Sunfab



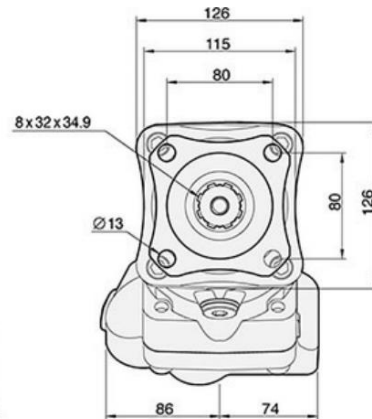
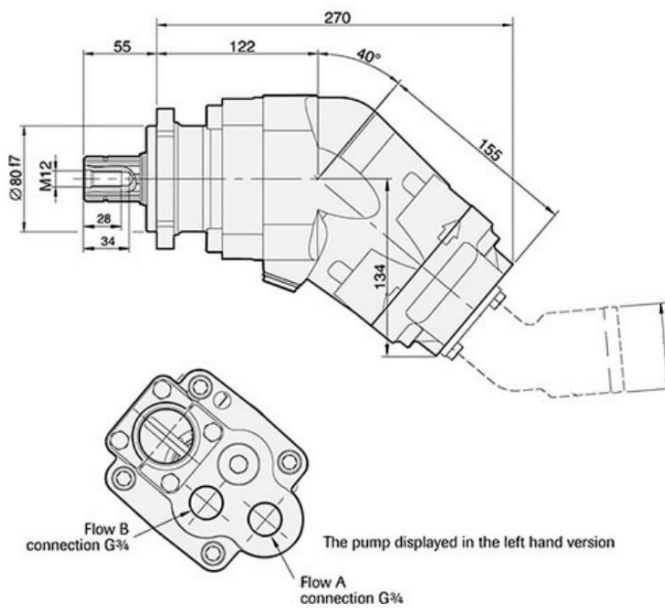
PB SCPD 56/26 DIN



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Theoretical oil flow A+B at pump speed	rpm	l/min		
	600	34 + 16 = 50		
	1000	56 + 26 = 82		
	1200	67 + 31 = 98		
	1500	84 + 39 = 123		
1800	101 + 47 = 148			
Displacement A+B	cm ³ /rev	56.0 + 26.1		
Max pump speed	rpm	1850		
Max working pressure	Bar	400		
Weight	kg	18.0		
Tare-weight torque without valve	Nm	21.0		
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)		



Spline shaft:
DIN 5462 / ISO 14
Mounting flange:
ISO 7653-D



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