

## SCPD 56/26 DIN BY-PASS





With two separate flows and a directly mounted By-Pass valve, the Sunfab's SCPD 56/26 By-Pass DIN is the most flexible compact fixed flow pump on the market.

SCPD 56/26 DIN By-Pass is ideal for combination vehicles which require different flows and where there is a need to operate equipment while moving. The pump is primarily intended for engine-mounted power take-offs.

The constant engagement is made possible by the By -Pass valve, which immediately relieves the load on the pump and power take-off when oil is not required. The pressure drop of the By-Pass valve is very low, so its function is energy efficient.

## Other advantages:

- The By-Pass valve can relieve the load from full operating pressure of 400 bar, which allows emergency stop function
- The valve's 24 V solenoids have integrated electrical cables which meet protection class ADR

## Versions, main data

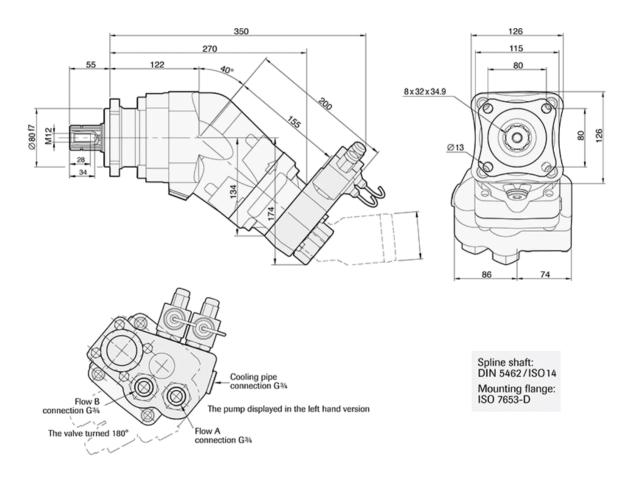
Example															
SC	PD	] - [	56/26	L	- V		DL4	-	L35	-	S0	S	-	2	00
Line	1		2	3	4		5		6		7	8		9	10
Line							7. Conne	ction cove	r						
SC					Sunfab C	compact	S0							Sunf	ab standard
1. Type							8. Conne	ctions							
PD					Dual flo	w pump	S							Sunf	ab standard
							-								
2. Displaceme	ent						9. Additio	nal							
						56/26	2								Optimized
3. Direction of	rotation						10. Acces	ssories							
R						Left	00						No a	ccessori	es available
R						Right									
							Double by	-pass valv	e Art. no 20536	is ordered	l sepera	ately.			
4. Sealing															
V						FPM									
5 Manualia - A															
5. Mounting fla	ange				DIN 4 5 (100	70500)									
DL4					DIN 4-h (ISO	76530)									
6. Shaft															
L35					DIN 5462	2/ISO14									

X = Standard, preferred

(X) = Available, option O = Contact Sunfab

## Pump SCPD 56/26 DIN By-Pass

Pullip SCPD 30/20 DIN By-Pass					
Theoretical oil flow A+B		rpm	l/min		
at pump speed		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 A+B	rpm	1850			
Max pump speed A	rpm	1850			
Max pump speed B	rpm	2200			
Max pump speed, relieved	rpm	2700			
Max working pressure	bar	400			
Weight without valve	kg	18			
Weight with valve	kg	22.5			
Tare-weight torque without valve	Nm	21			
Tare-weight torque with valve	Nm	25.5			
Nominal power at pressure		rpm	200 Bar	300 Bar	400 Bar
and pump speed		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
Nominal torque on pump shaft			200 Bar	300 Bar	400 Bar
at different pressures			178 + 83 = 261 Nm	267 + 124 = 391 Nm	356 + 165 = 521 Nm
Direction of rotation	Left (L) or Right (R)				







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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