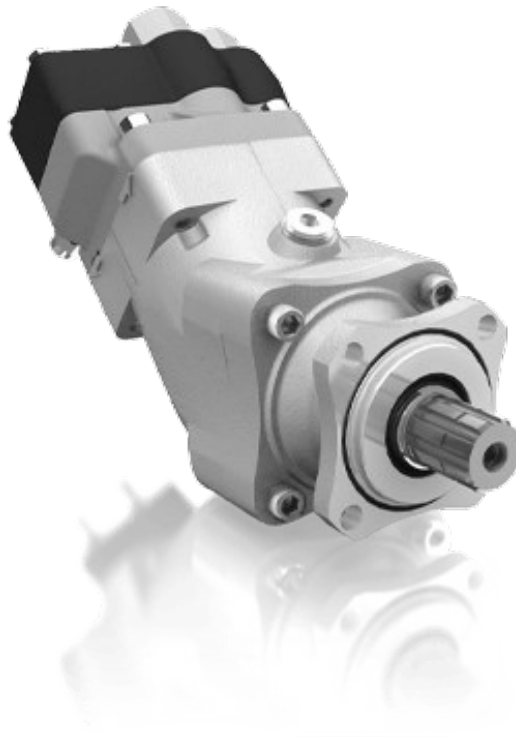




With two separate flows and a directly mounted By-Pass valve, the Sunfab's SCPD 56/26 By-Pass DIN is the most flexible compact fixed flow pump on the market.

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

SC	Sunfab Compact, bent-axis design
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1. Type

P	Dual flow pump
---	----------------

2. Displacement

	56/26
--	-------

3. Direction of rotation

R	Right
L	Left

4. Shaft seal

V	FPM
---	-----

5. Mounting flange

DL4	DIN 4-h (ISO 7653D)
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6. Shaft

L35	DIN 5462 / ISO 14
H35	DIN 5462 / ISO 14 Ø 8.15

7. Connection cover

S0	40° Sunfab standard
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8. Connections

S	Sunfab standard
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9. Additional

2	Optimized
---	-----------

10. Accessories

00	No accessories available
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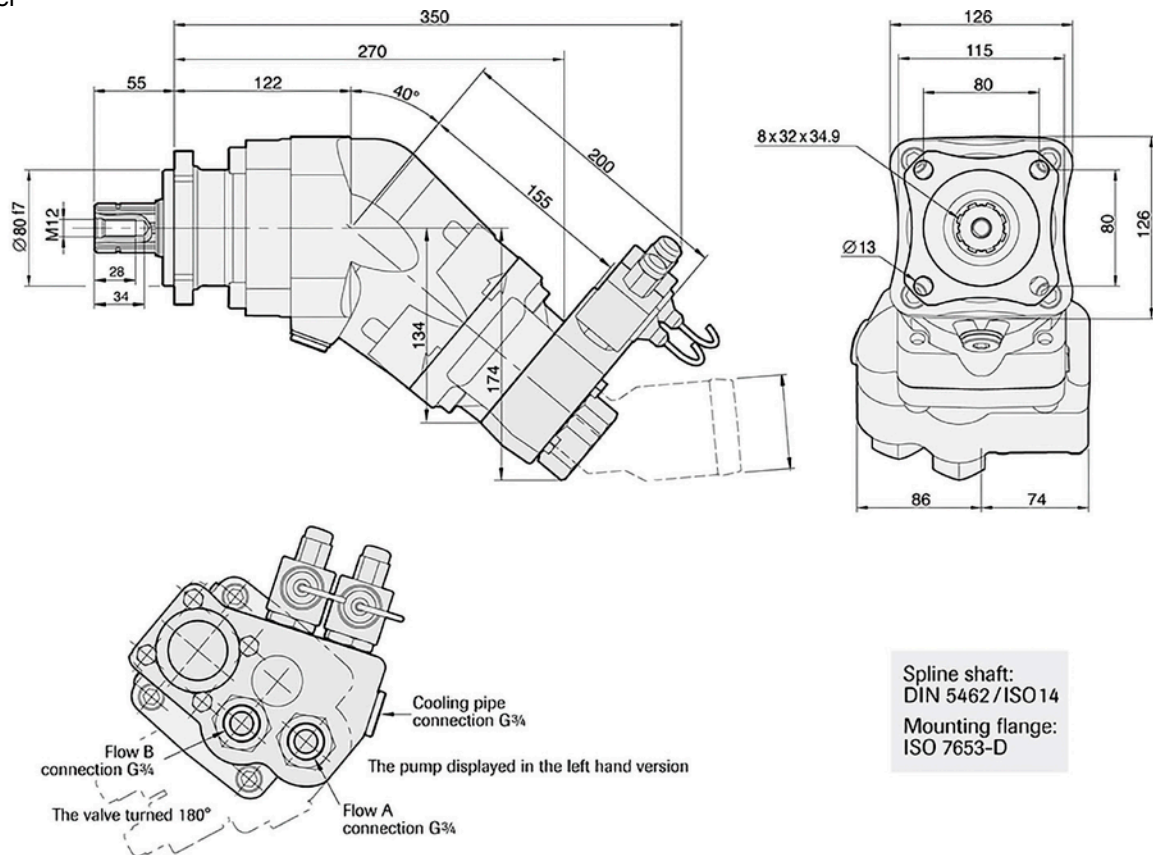
Double by-pass valve Art. no 20536 is ordered seperately.

SCPD 56/26 DIN By-Pass

Theoretical oil flow, A+B at pump speed				
		GPM		
rpm	600	8.9+4.1=13.0		
	1000	14.8+6.9=21.7		
	1200	17.8+8.3=26.1		
	1500	22.2+10.3=32.5		
	1800	26.6+12.4=39.0		
Displacement A+B				
cu in/rev	3.42 + 1.59			
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				
psi	5800			
Weight without valve				
lb	39.7			
Weight with valve				
lb	49.6			
Tare-weight torque without valve				
lb-ft	21.0			
Tare-weight torque with valve				
lb-ft	18.7			
Theoretical power at pressure and pump speed				
		2900 psi	4350 psi	5800 psi
rpm	600	15.0+7.0=22.0 hp	22.5+10.5=33.0 hp	30.0+14.0=44.0 hp
	1200	30.0+14.0=44.0 hp	45.0+21.0=66.0 hp	60.0+28.0=88.0 hp
	1800	45.0+21.0=66.0 hp	67.5+31.5=99.0 hp	90.0+42.0=132.0 hp
Nominal torque on pump shaft at different pressures				
		2900 psi	4350 psi	5800 psi
		131+61.2=192 lb-ft	197+91.5=288 lb-ft	263+122=384 lb-ft
Direction of rotation				
Left (L) or Right (R)				

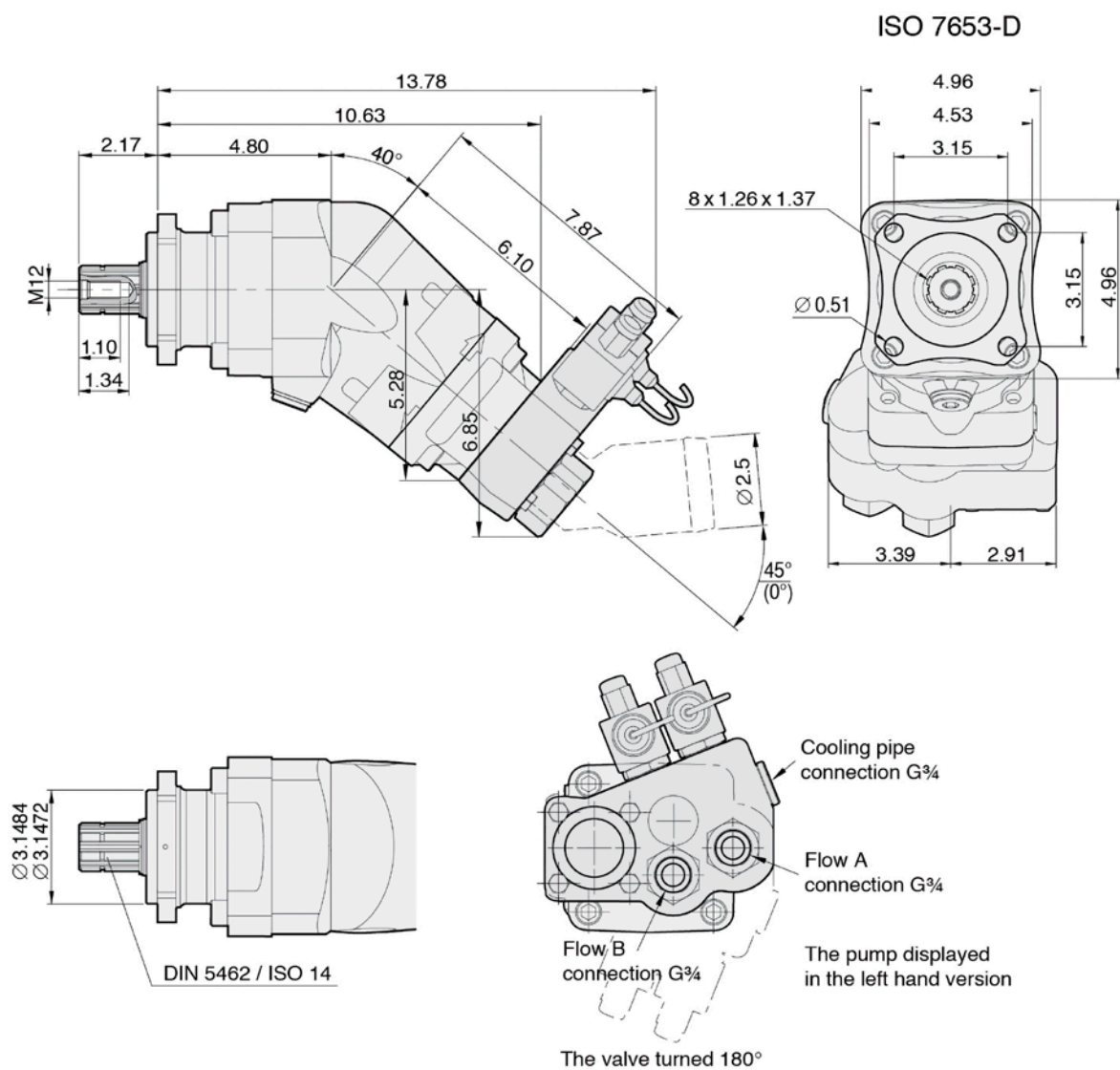
Dimensions SCPD 56/26 DIN By-Pass

Millimeter



Dimensions SCPD 56/26 DIN By-Pass

Inches





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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