SCPD 76/76 DIN

SCPD 76/76 DIN is a dual flow pump with two separate flows of equal sizes.

SCPD 76/76 DIN gives a maximum flow of 127 + 127 = 254 lit/min and supports a maximum working pressure of 350 bar. It can effectively be directly mounted on gear boxes equipped with engageable and disengageable power take-offs. SCPD 76/76 is a modern, compact pump, which meets the market's high demands on flow performance, pressure, efficiency and small installation dimensions. It is speed optimised and therefore supplied for either left (L) or right (R) rotation direction.

Other advantages:

- Large displacement gives the possibility of low engine speeds and low noise levels.
- 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 take-off.
- Highest displacement-to-size-ratio on the market.

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Versions, main data

Example

SC	PD	-	76/76	L	-	N	-	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

P	Dual flow pump

2. Displacement

	76/76

3. Direction of rotation

R	Right
L	Left

4. Shaft seal

N	Nitrile

5. Mounting flange

DL4	DIN 4-h (ISO 7653D)

6. Shaft

L35	DIN 5462 / ISO 14

7. Connection cover

S0	40° Sunfab standard

8. Connections

S	Sunfab standard

9. Additional

2	Optimised

10. Accessories

00	No accessories available

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SCPD 76/76 DIN

Theoretical oil flow, A+B at pump speed				
		l/min		
rpm	1000*	76+75=150		
	1500	113+113=226		
Displacement				
cm^3/rev		75+75		
Max pump speed				
continuous	rpm	1500		
intermittent		1700		
Max working pressure				
bar		350		
Weight				
kg		23.2		
Tare-weight torque (M)				
Nm		34.5		
Theoretical power at pressure and pump speed				
		200 Bar	250 Bar	350 Bar
rpm	1000*	25.0+25.0=50.0 kW	31.3+31.3=62.6 kW	43.8+43.8=87.6 kW
	1500	37.5+37.5=75 kW	46.9+46.9=93.8 kW	65.6+65.6=131.2 kW
Nominal torque on pump shaft at different pressures				
		200 Bar	250 Bar	350 Bar
		239+239=478 Nm	298+298=596 Nm	418+418=836 Nm
Direction of rotation				
Left (L) or Right (R)				

*We recommend a minimum pump speed of 1000 rpm to obtain optimal performance, efficiency and lifespan of the pump.

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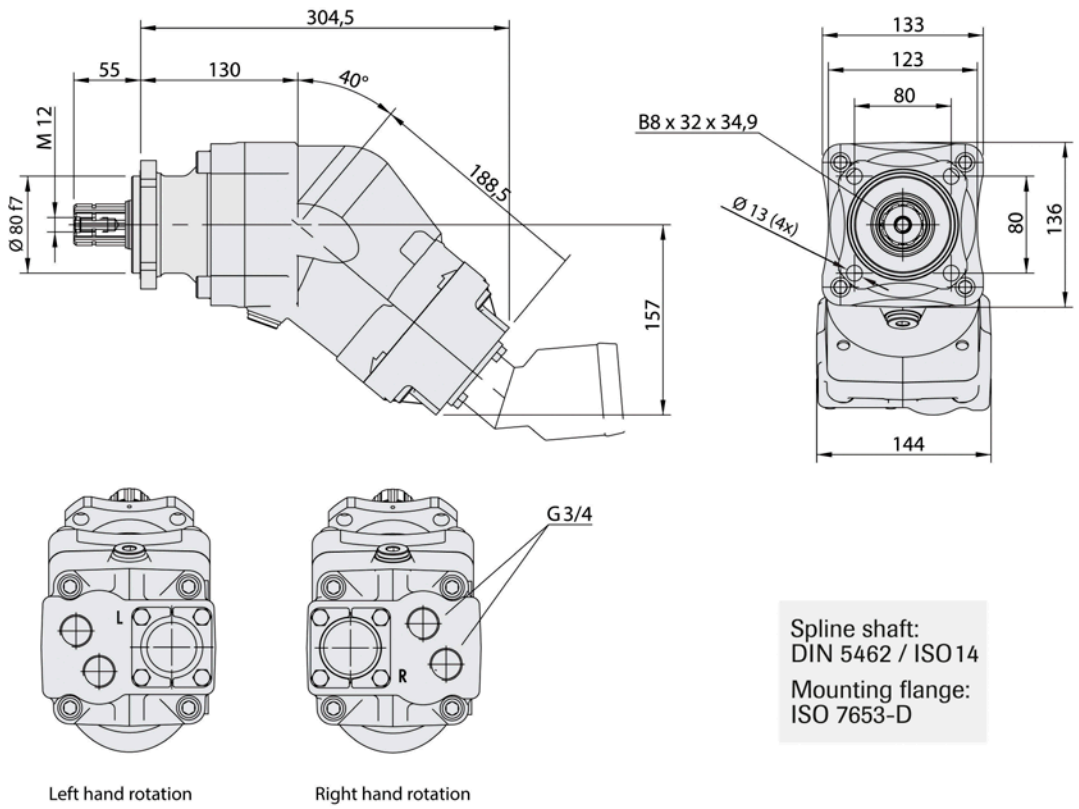
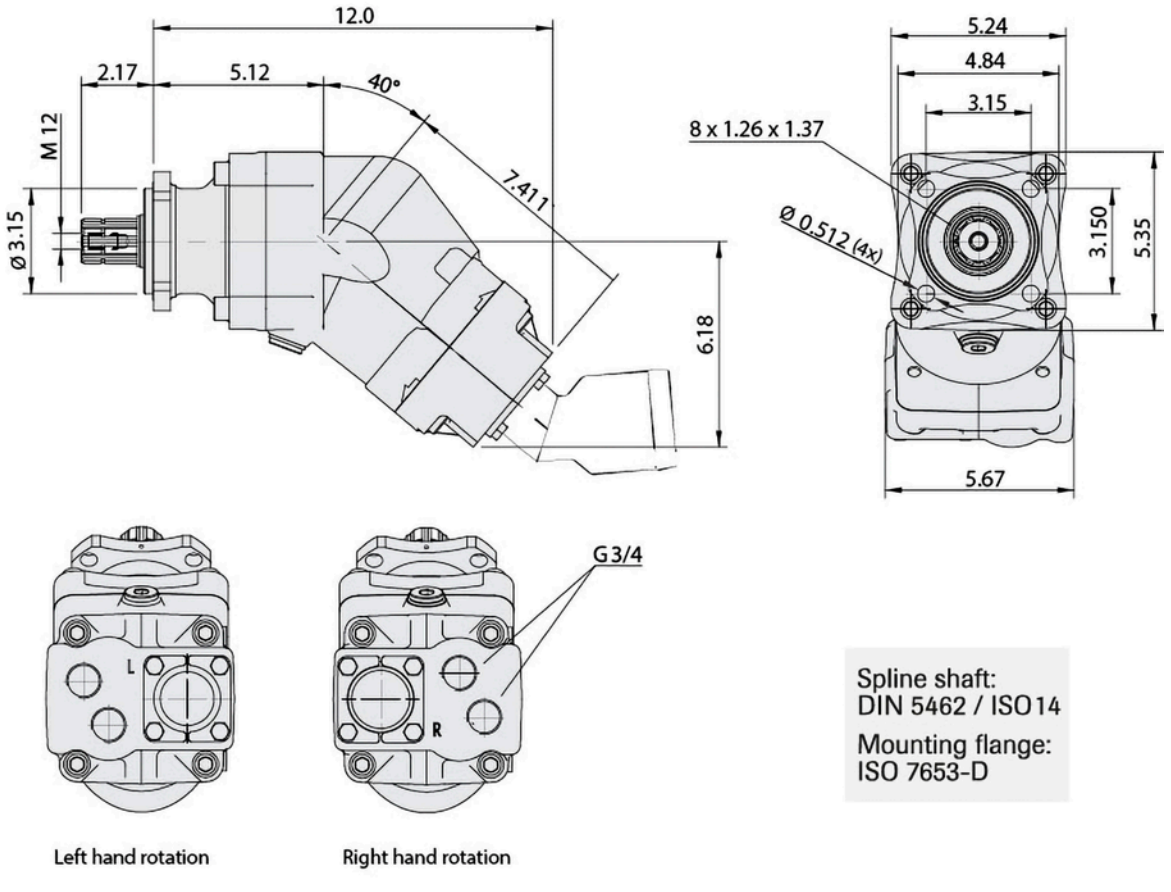
Dimensions SCPD 76/76 DIN

Millimeter



Inches



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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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