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 optimized 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 takeoff.

• Highest displacement-to-size-ratio on the market.

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	
PD	Dual flow pump

2. Displacement	
	76/76

3. Direction of rotation	
L	Left
R	Right

4. Sealing	
N	Nitrile

5. Mounting flange	
DL4	DIN 4-h (ISO 7653-D)

6. Shaft	
L35	DIN 5462/ISO 14

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

SCPD 76/76 DIN

Theoretical oil flow A+B			l/min		
at pump speed	rpm	1000*	75.0 + 75.0 = 150		
		1500	112,5 + 112,5 = 225		
Displacement A+B	cm³/rev	75 + 75			
Max pump speed					
	rpm	1500			
		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
Theoretical 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 life-span of the pump.

Left hand rotation   Right hand rotation
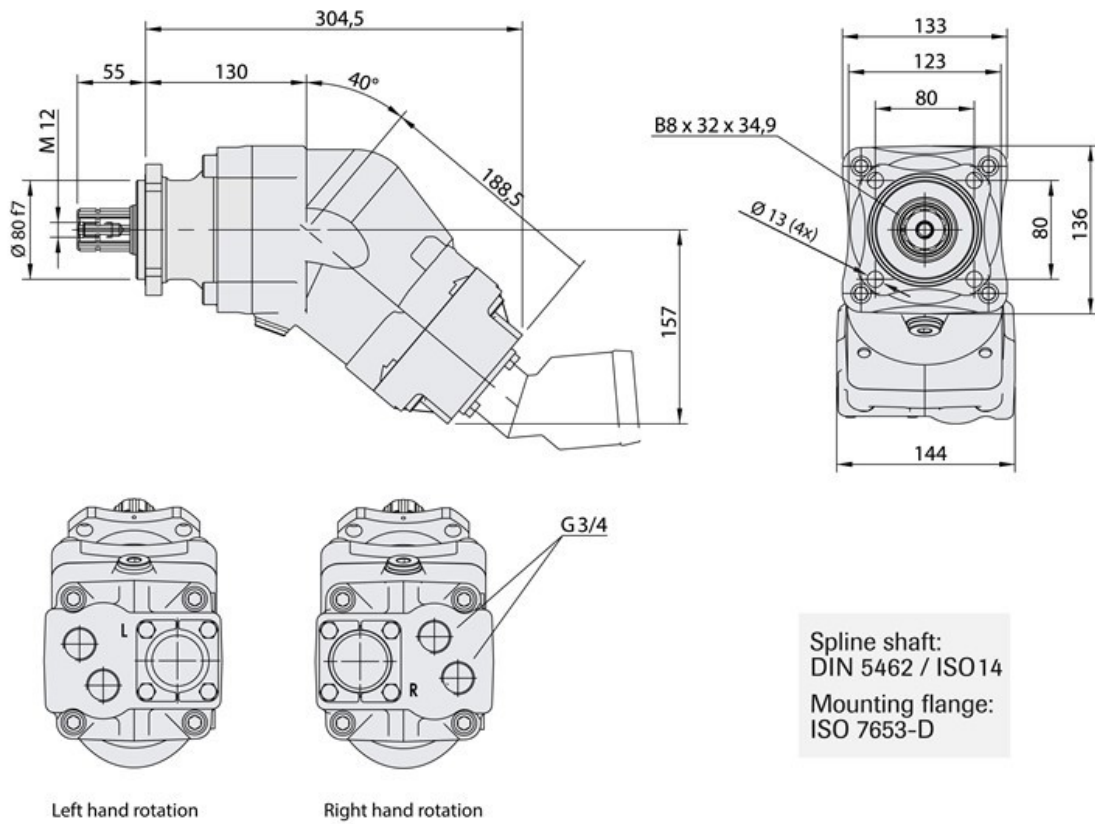
Spline shaft:
DIN 5462 / ISO 14
Mounting flange:
ISO 7653-D

 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

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