



SLPD 20/20-64/32 DIN is a series of in-line dual flow pumps with extremely low noise levels for demanding mobile hydraulics.

SLPD 20/20-64/32 DIN comes in eight different sizes, where three models feature differentiated flows. Pumps with differentiated flow increase the field of application as they can provide three different flows: one small, one large and one combined flow. Maximum pressure is 4785 - 5075 psi, depending on the model. Its slim pump housing makes direct mounting on the power take-off possible in very confined areas. SLPD 20/20-64/32 DIN is also ideal for installation using a frame bracket via an intermediate shaft.

Option for conversion to single-flow pump

For applications where the SLPD is intended to be used as a single-flow pump, Sunfab offers a solution that can be purchased as a separate accessory.

By replacing the pump's existing banjo bolt and T-connection with a specially designed banjo bolt, a single pressure port is obtained on the pump instead of the previous two connections.

The banjo bolt is ordered separately with a sealing washer, and the customer converts the existing SLPD pump into a single-flow pump.

Other advantages:

- Independent direction of rotation
- A cost effective total solution in relation to a conventional installation using two pumps with a splitter gear box
- Smooth operation over the entire speed range
- 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.
- Extremely low noise emission over entire speed and pressure ranges

Versions, main data

Example

SL	PD	-	46/46	W	-	N	-	DL4	-	L35	-	S4	S
Line	1		2	3		4		5		6		7	8

Line

SL	Sunfab In-Line
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1. Type

PD	
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2. Displacement

20/20	28/28	40/20	35/35	56/28	46/46	53/53	64/32
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3. Direction of rotation

W	Independent
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4. Shaft seal

N	Nitrile
V*	FPM

*Can withstand higher temperature, e.g. on engine PTO.

5. Mounting flange

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

L35	DIN 5462 / ISO 14
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7. Connection cover

S4	Sunfab standard SLPD
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8. Connections

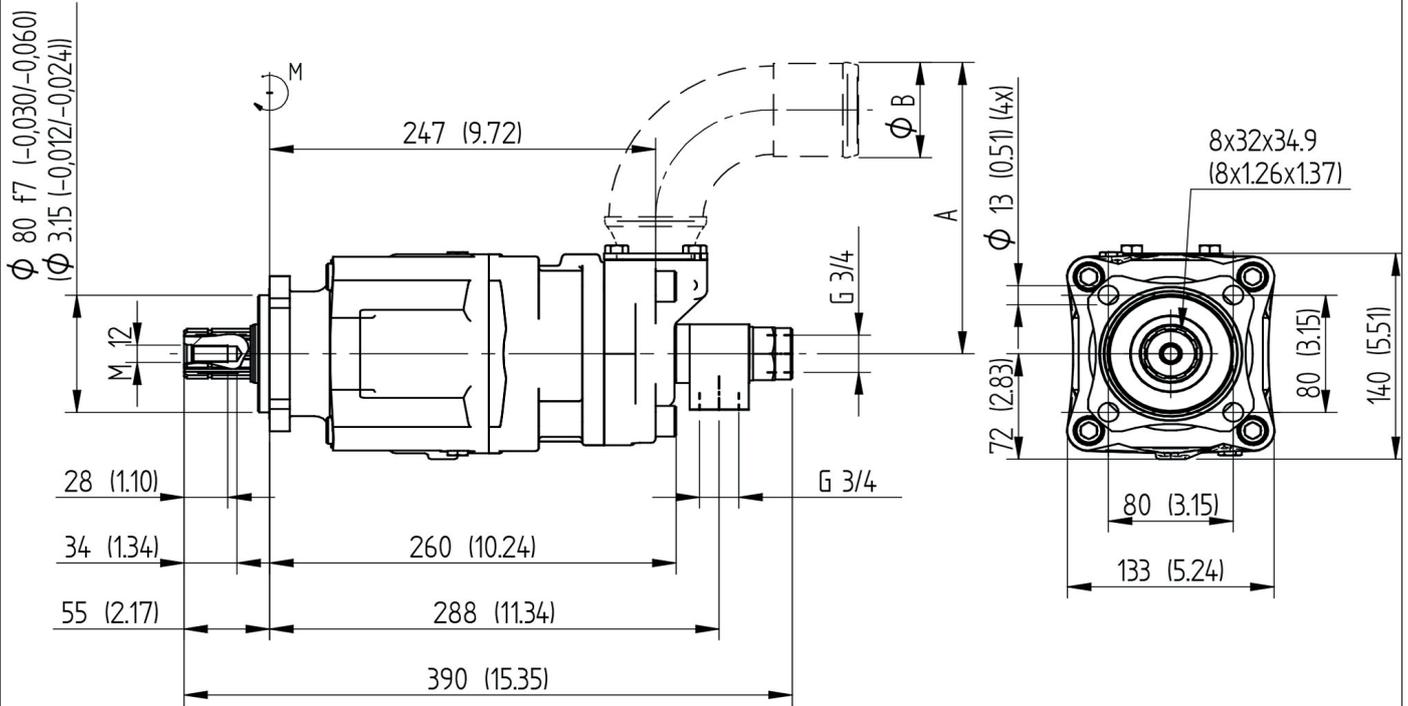
S	Sunfab standard
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SLPD 20/20-64/32 DIN	20/20	28/28	40/20	35/35	56/28	46/46	53/53	64/32	
Displacement									
rpm	500	2.7+2.7=5.4	3.6+3.6=7.2	5.4+2.7=8.1	4.5+4.5=9.0	7.3+3.6=10.9	6.0+6.0=12.0	6.9+6.9=13.8	8.3+4.2=12.5
	1000	5.4+5.4=10.8	7.3+7.3=14.6	10.8+5.4=16.2	9.0+9.0=18.0	14.5+7.3=21.8	12.1+12.1=24.2	13.9+13.9=27.8	16.7+8.3=25.0
	1500	8.1+8.1=16.2	10.9+10.9=21.8	16.1+8.1=24.2	13.4+13.4=26.8	21.8+10.9=32.7	18.1+18.1=36.2	20.8+20.8=41.6	25.0+12.5=37.5
Displacement									
cu in/rev		1.24+1.24	1.68+1.68	2.48+1.24	2.07+2.07	3.35+1.68	2.79+2.79	3.21+3.21	3.85+1.92
Max pump speed									
rpm		2200	1800	2200	2200	1800	1800	1600	5075
Max working pressure									
psi		5075	5075	5075	4785	5075	4785	4785	5075
Weight									
lb		48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
Tare-weight torque (M)									
lb-ft		19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
Direction of rotation									
Independent									

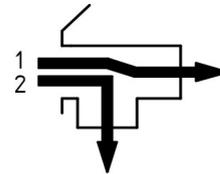
Maximum pressure combined with maximum speed is only allowed during intermittent operation (max. 6 sec/min)

Dimensions SLPD 20/20-64/32 DIN

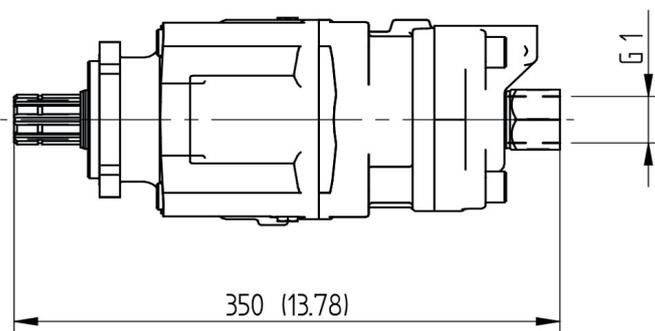
Millimeter (inches)



-	20/20	28/28	35/35	46/46	53/53	40/20	56/28	64/32
1	20	28	35	46	53	20	28	32
2	20	28	35	46	53	40	56	64
1+2	40	56	70	92	106	60	84	96



OPTION SINGLE FLOW CONVERSION



51037 Kit



Tightening Torques:
150 ±10 Nm

	20/20	28/28	40/20	35/35	56/28	46/46	53/53	64/32
A	133 (5.24)	133 (5.24)	133 (5.24)	133 (5.24)	166 (6.54)	166 (6.54)	166 (6.54)	166 (6.54)
B	50 (2.0)	50 (2.0)	50 (2.0)	50 (2.0)	64 (2.5)	64 (2.5)	64 (2.5)	64 (2.5)



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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