



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 330-350 bar 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. It is available in a version with a Savtec valve for applications where the hydraulics need to be used while the vehicle is on the move.

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

P	
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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

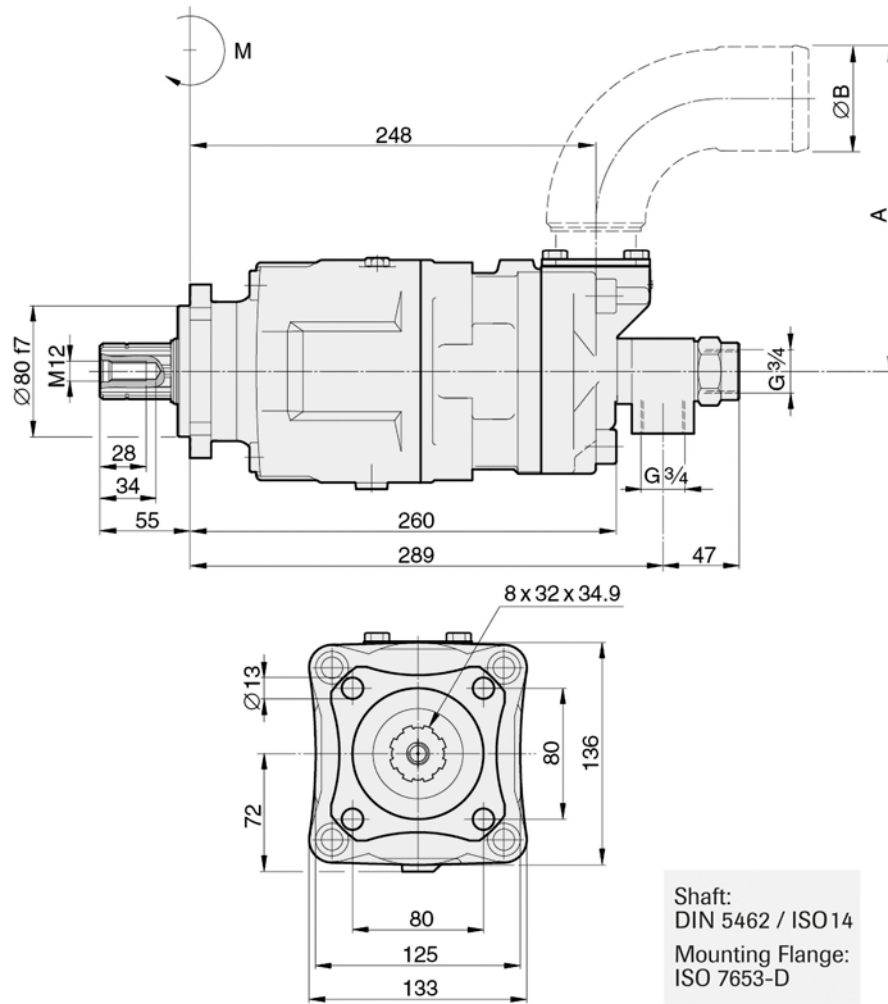
S	Sunfab standard
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SLPD 20/20-64/32 DIN		20/20	28/28	40/20	35/35	56/28	46/46	53/53	64/32
Theoretical oil flow l/min at pump speed									
rpm	500	10+10=20	14+14=28	20+10=30	17+17=34	27+14=41	23+23=46	26+26=52	32+16=48
	1000	20+20=40	28+28=56	41+20=61	34+34=68	55+28=83	46+46=92	53+53=106	63+32=95
	1500	31+31=62	41+41=82	61+31=92	51+51=102	82+41=123	69+69=138	79+79=158	95+47=142
Displacement									
cm ³ /rev		20.4+20.4	27.5+27.5	40.7+20.4	33.9+33.9	54.9+27.5	45.8+45.8	52.6+52.6	63.1+31.5
Max pump speed									
rpm		2200	1800	2200	2200	1800	1800	1600	1600
Max working pressure									
bar		350	350	350	330	350	330	330	350
Weight									
kg		22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
Tare-weight torque (M)									
Nm		26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
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

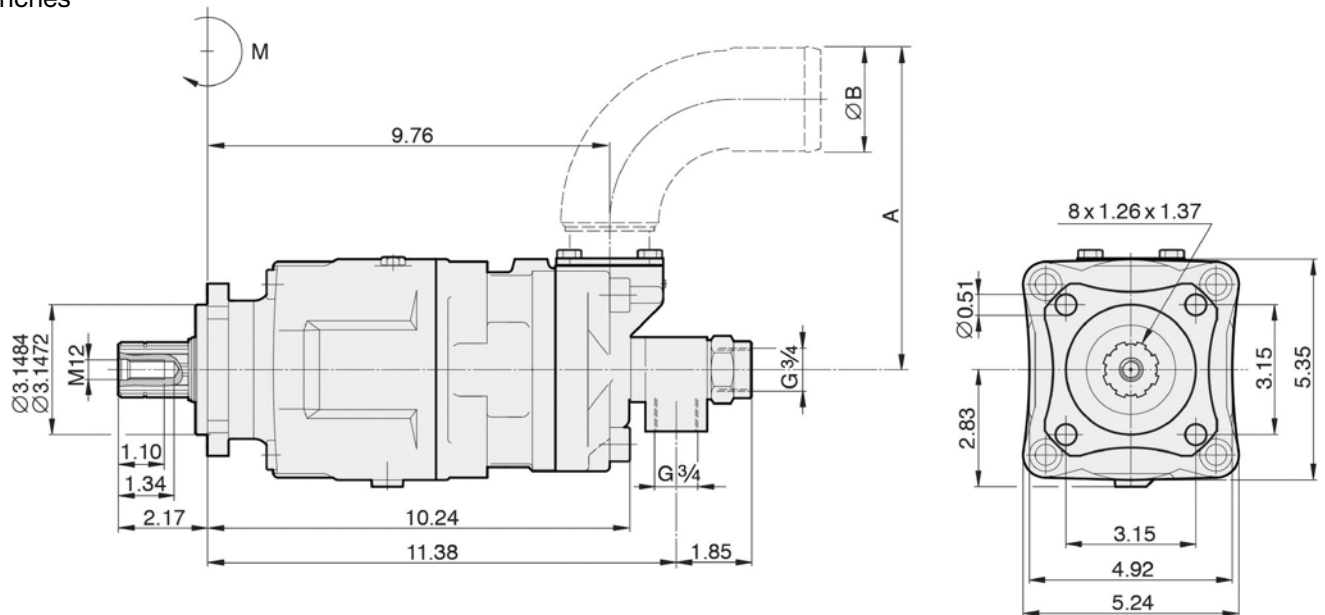
Millimeter



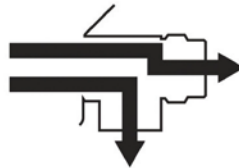
	20/20	28/28	40/20	35/35	56/28	46/46	53/53	64/32
A	133	133	133	133	166	166	166	166
B	50	50	50	50	64	64	64	64

Dimensions SLPD 20/20-64/32 DIN

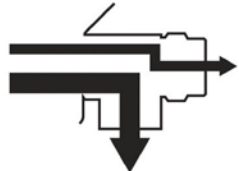
Inches



20/20, 28/28, 35/35, 46/46, 53/53



40/20, 56/28, 64/32



Spline shaft:
DIN 5462 / ISO 14
Mounting flange:
ISO 7653-D

Useful conversions:

1 in = 25.40 mm
1 GPM = 3.79 l/min.
1 cu in/rev. = 16.39 cm³/rev.
1 psi = 0.00689 MPa
1 psi = 0.07 bar
1 lb = 0.45 kg
1 lb-ft = 1.36 Nm

	20/20	28/28	40/20	35/35	56/28	46/46	53/53	64/32
A	5.24	5.24	5.24	5.24	6.54	6.54	6.54	6.54
B	2.0	2.0	2.0	2.0	2.5	2.5	2.5	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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