

SCP 012-108 DIN is a series of piston pumps with a fixed displacement for demanding mobile hydraulics.

SCP 012-108 DIN covers the entire displacement range 12-108 cm³/rev. at a maximum working pressure of 400 bar. It is a modern, compact pump which meets the market's high demands on flow performance, pressure, efficiency and small installation dimensions.

It is either mounted directly on the power take-off, or on a frame bracket via an intermediate shaft.

Other advantages:

- High maximum speed while maintaining low noise levels
- 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 take-off
- The stop shoulder on the angular housing allows the pump's direction of rotation to be changed without the risk of altering the gear meshing

VERSIONS, MAIN DATA

Example

SC	P	084	L	N	DL4	L35	S0	S	0	00
Line	1	2	3	4	5	6	7	8	9	10

Line	
SC	Sunfab Compact

7. Connection cover	
S0	40° Sunfab standard

1. Type	
P	Pump

8. Connections	
S	Sunfab standard

2. Displacement	
012 017 025 034 040 047 056 064 084 108	

9. Additional	
0	-

3. Direction of rotation	
R	Right
L	Left

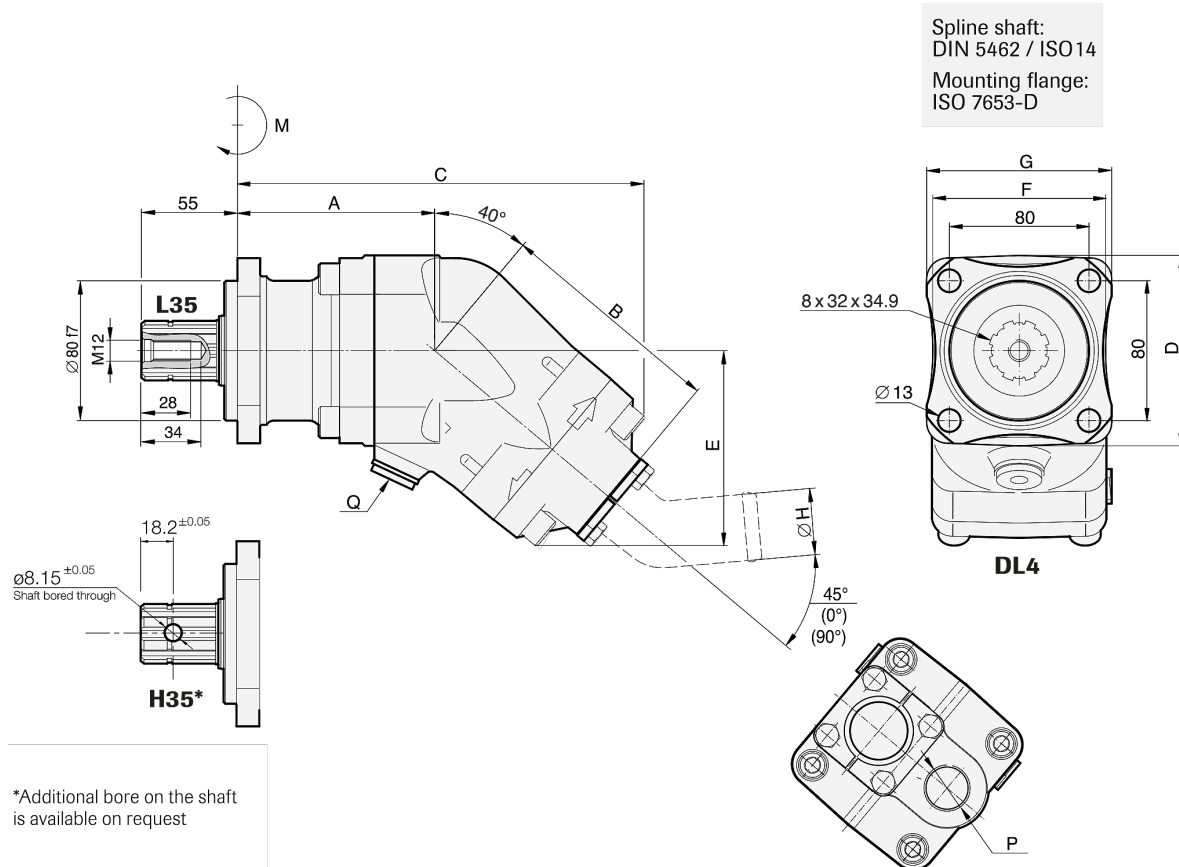
10. Accessories	
00	No accessories available

4. Sealing	
N	Nitrile

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

6. Shaft	
L35	DIN 5462 / ISO 14
H35	DIN 5462 / ISO 14 Ø 8.15

SCP 012-108 DIN		012	017	025	034	040	047	056	064	084	108	
Theoretical oil flow \dot{V} min at pump speed	rpm	500	6.3	8.5	12.7	17.1	20.6	23.5	28.0	31.8	41.5	54.0
		1000	12.6	17.0	25.4	34.2	41.2	47.1	56.0	63.6	83.6	108.0
		1500	18.9	25.5	38.1	51.3	61.8	70.6	84.0	95.4	125.4	162.0
Displacement	cm^3/rev	12.6	17.0	25.4	34.2	41.2	47.1	56.0	63.6	83.6	108.0	
Max pump speed continuous limited	rpm	2300	2300	2300	2300	1900	1900	1900	1900	1500	1500	
		3000	3000	3000	3000	2500	2500	2500	2500	2000	2000	
Max working pressure	bar	400	400	400	400	400	400	400	400	400	400	
Weight	kg	8.3	8.3	8.5	8.5	11.7	11.7	11.7	11.7	17.0	17.0	
Dimensions	mm	A	97	97	97	97	113	113	113	113	123	123
		B	112	112	112	112	130	130	130	130	147	147
		C	202	202	202	202	228	228	228	228	259	259
		D	99	99	99	99	109	109	109	109	126	126
		E	97	97	97	97	109	109	109	109	126	126
		F	89	89	89	89	99	99	99	99	115	115
		G	97	97	97	97	106	106	106	106	123	123
		H	38	38	38	38	38	38	38	38	50	50
ISO G	P	50	50	50	50	50	50	50	50	64	64	
	Q	34	34	34	34	34	34	34	34	1	1	
	ISO G	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
Tare-weight torque (M)	Nm	6.9	6.9	7.4	7.4	13	13	13	13	21	21	
Direction of rotation	Left (L) or Right (R)											





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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