

SAP DIN Optimised for Injector is an externally drained variant of the SAP series, which offers a very high oil flow in combination with the Sunfab injector K-Jet 2.

SAP 084, 108 DIN Optimised for Injector is suitable for hydraulic motor operations in closed hydraulic systems with injector K-Jet 2 for pressurisation of the suction side. This gives excellent speed characteristics and high flows.

The front seals in the pump are made of HNBR to withstand the higher temperatures that occur at engine PTO mounting. It is a speed-optimised pump and therefore supplied for either left (L) or right (R) rotation direction.

Other advantages:

- Light weight metal casing design
- Smooth operation over the entire speed range
- Long life due to high demands on material selection, such as bearings, seals, etc
- Corrosion free light metal-housing
- Less heat generation due to better ability to dissipate heat through housing

Versions, main data

Example

SA	P	-	084	L	-	V	-	DL4	-	L35	-	S0	S	-	3	00
Line	1		2	3		4		5		6		7	8		9	10

Line	
SA	Sunfab Aluminium
P	Pump

2. Displacement	
	084 108

3. Direction of rotation	
R	Right
L	Left

4. Sealing	
V	HNBR

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

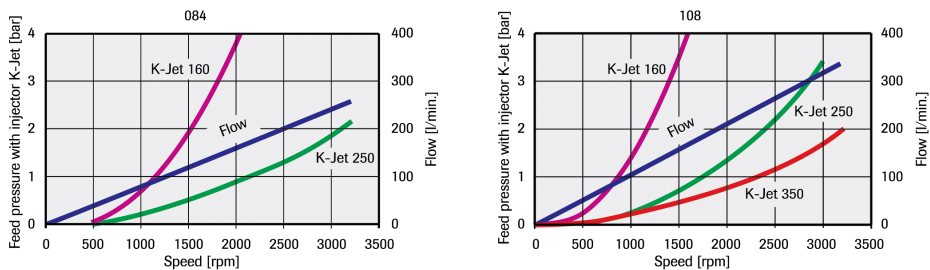
9. Additional	
3	Optimised for injector

10. Accessories	
00	No accessories available

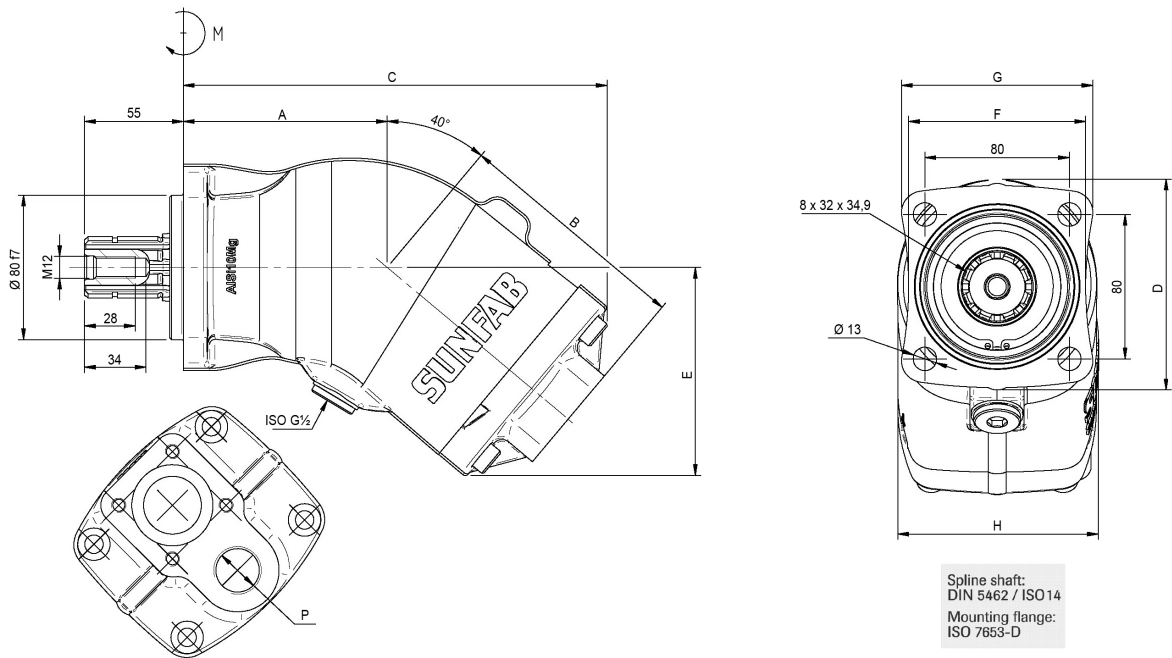
See separate brochure "Injector" for more information.

Pump SAP 084, 108 DIN Optimised for injector

K-Jet 2		without	160	250	without	160	250	350
Oil flow at 97% vol. efficiency and 20 MPa	rpm		l/min			l/min		
	500	41.0	-	-	52.0	52.0	-	-
	100	81.0	81.0	-	105.0	105.0	105.0	-
	1500	122.0	122.0	122.0	157.0	157.0	157.0	157.0
	2000		162.0	162.0			210.0	210.0
	2500			203.0			262.0	262.0
	3000			243.0				314.0
Displacement	cm ³ /rev	83.6			108.0			
Max pump speed								
min continuous	rpm	300	750	1200	300	550	1000	1200
max continuous		1800	2000	3000	1800	1500	2500	3000
max limited		2300			2300			
Max working pressure	bar	400			400			
Weight	kg	13.9			13.9			
Dimensions	mm							
	A	122			122			
	B	147			147			
	C	264			264			
	D	127			127			
	E	133			133			
	F	98			98			
	G	106			106			
	H	118			118			
ISO G P	1			1				
Tare-weight torque (M)	Nm	18			18			
Direction of rotation		Left (L) or Right (R)						



Threaded suction connection with feed pressure above 4 bar.



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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