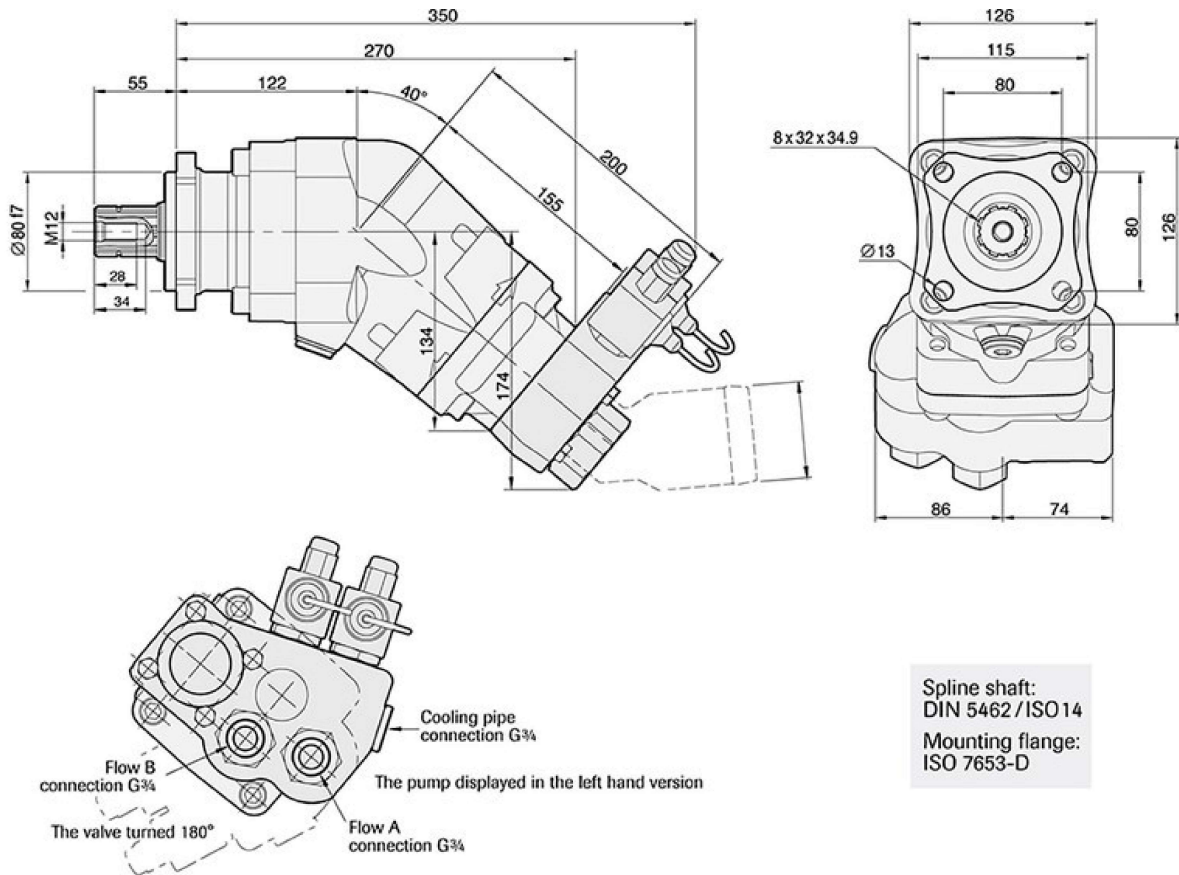


SCPD 56/26 DIN By-Pass

| | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|
| Theoretical oil flow A+B at pump speed | rpm | l/min | | |
| | 600 | 34 + 16 = 50 | | |
| | 1000 | 56 + 26 = 82 | | |
| | 1200 | 67 + 31 = 98 | | |
| | 1500 | 84 + 39 = 123 | | |
| | 1800 | 101 + 47 = 148 | | |
| Displacement A+B | cm ³ /rev | 56.0 + 26.1 | | |
| Max pump speed A+B | rpm | 1850 | | |
| Max pump speed A | rpm | 1850 | | |
| Max pump speed B | rpm | 2200 | | |
| Max pump speed, relieved | rpm | 2700 | | |
| Max working pressure | Bar | 400 | | |
| Weight without valve | kg | 18.0 | | |
| Weight with valve | kg | 22.5 | | |
| Tare-weight torque without valve | Nm | 21.0 | | |
| Tare-weight torque with valve | Nm | 25.5 | | |
| Theoretical power at pressure and pump speed | rpm | 200 Bar | 300 Bar | 400 Bar |
| | 600 | 11.2 + 5.2 = 16.4 kW | 16.8 + 7.8 = 24.6 kW | 22.4 + 10.4 = 32.8 kW |
| | 1200 | 22.4 + 10.4 = 32.8 kW | 33.6 + 15.6 = 49.2 kW | 44.8 + 20.8 = 65.6 kW |
| | 1800 | 33.6 + 15.6 = 49.2 kW | 50.4 + 23.4 = 73.8 kW | 67.2 + 31.2 = 98.4 kW |
| Theoretical torque on pump shaft at different pressures | | 200 Bar | 300 Bar | 400 Bar |
| | | 178 + 83 = 261 Nm | 267 + 124 = 391 Nm | 356 + 165 = 521 Nm |
| Direction of rotation | Left (L) or Right (R) | | | |



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