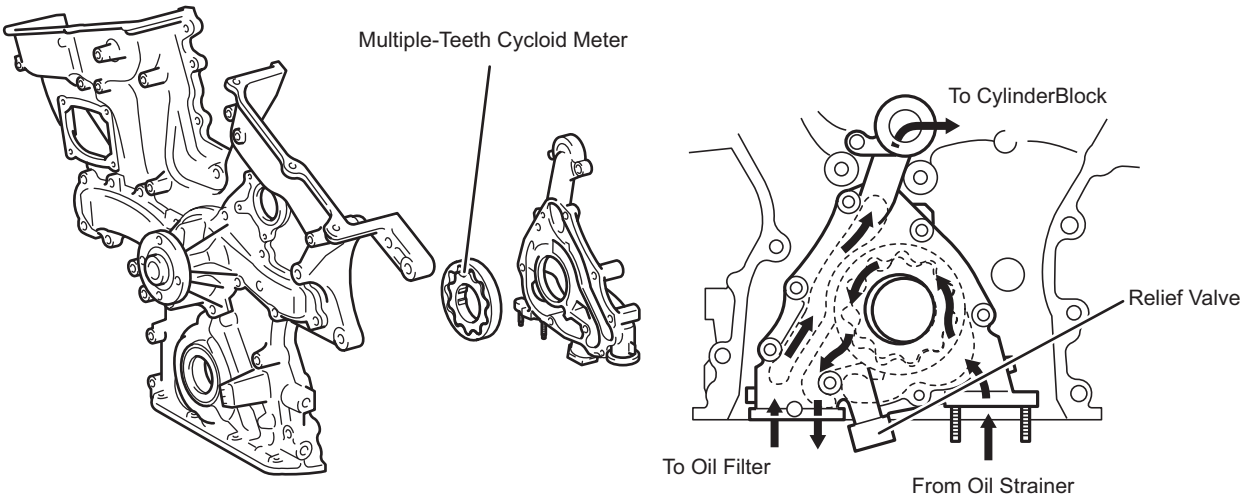


Oil Pump

- The oil pump consists of a compact, highly efficient, and multiple-teeth cycloid rotor that is driven directly by the crankshaft. The drive rotor is a flangeless type, which enables the use of a driven rotor with a small diameter, thus reducing friction.
- An internal oil relief system is used to circulate the relief oil through the suction passage in the oil pump. This suppresses the oil level fluctuations in the oil pan, reduces friction, and reduces the rate of mixing air bubbles in the oil.



The oil passage in an oil pump

A4270252P

Oil Pump

Pump Speed [rpm]	600	2000	6400
Discharge Volume [L/min]	6.0 Minimum	—	89.6 Minimum
Discharge Pressure [kPa]	100	—	290
Relief Valve Opening Pressure [kPa]	—	490	—