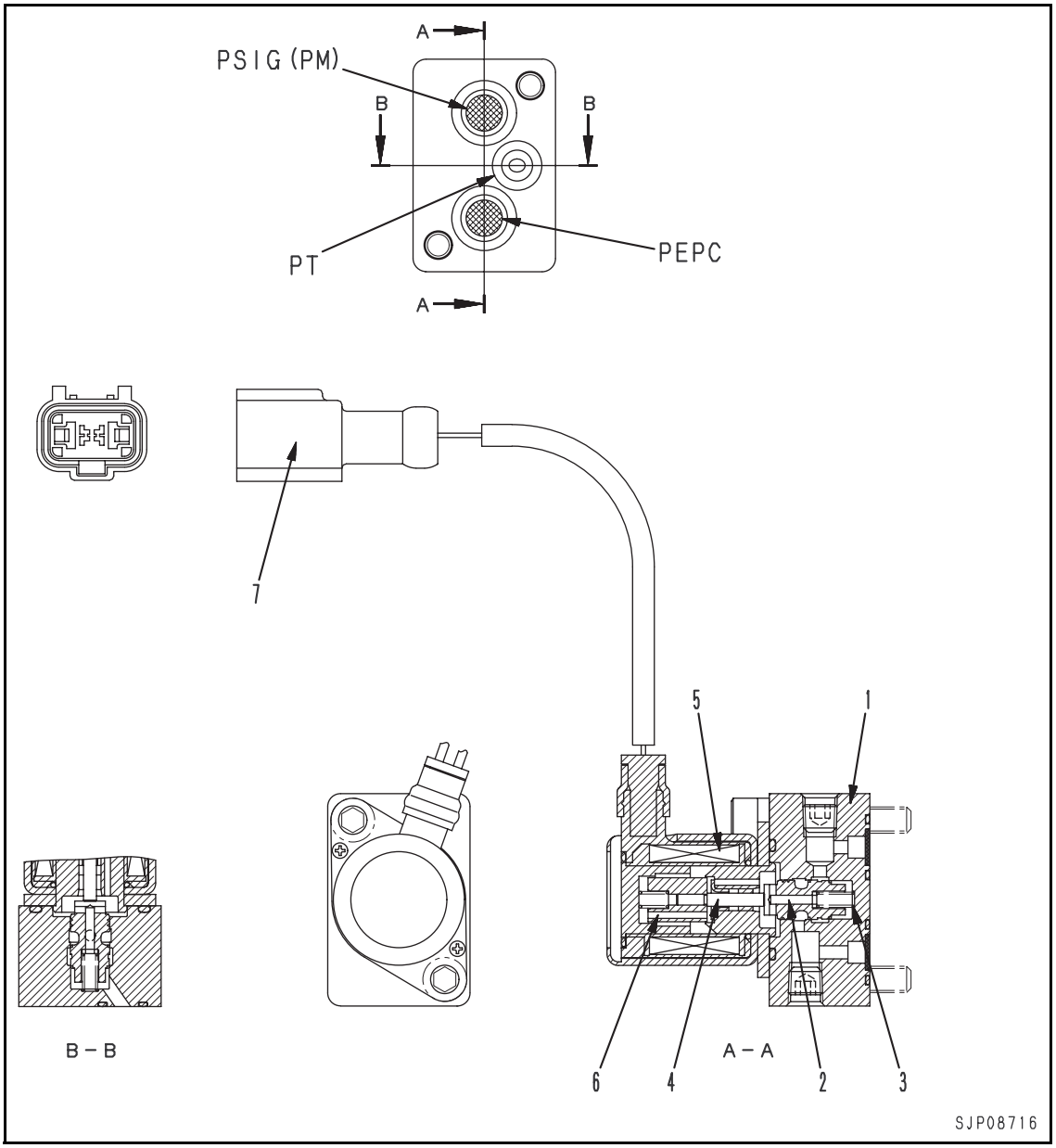
LS(PC)-EPC VALVE

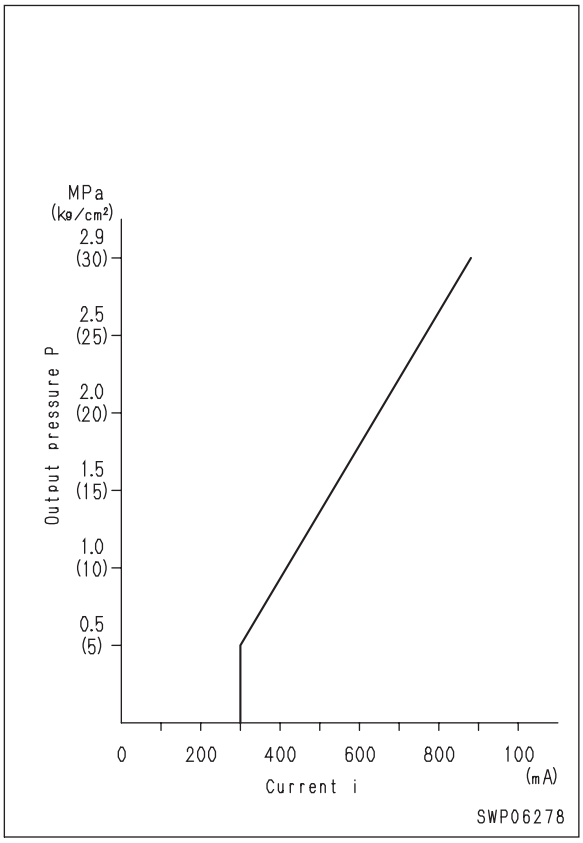


1. Body
2. Spool
3. Spring
4. Rod
5. Coil
6. Plunger
7. Connector

PSIG(PM) : To LS(PC) valve
PT : To tank
PEPC : From self-reducing pressure valve

FUNCTION

- The EPC valve consists of the proportional solenoid portion and the hydraulic valve portion.
- When it receives signal current **i** from the pump controller, it generates the EPC output pressure in proportion to the size of the signal, and outputs it to the LS valve.



OPERATION

1. When signal current is 0 (coil de-energized)
   - When there is no signal current flowing from the controller to coil (5), coil (5) is de-energized.
   - For this reason, spool (2) is pushed to the left in the direction of the arrow by spring (3).
   - As a result, port **PEPC** closes and the pressurized oil from the main pump does not flow to the LS valve.
     At the same time, the pressurized oil from the LS valve passes from port **PSIG(PM)** through port **PT** and is drained to the tank.