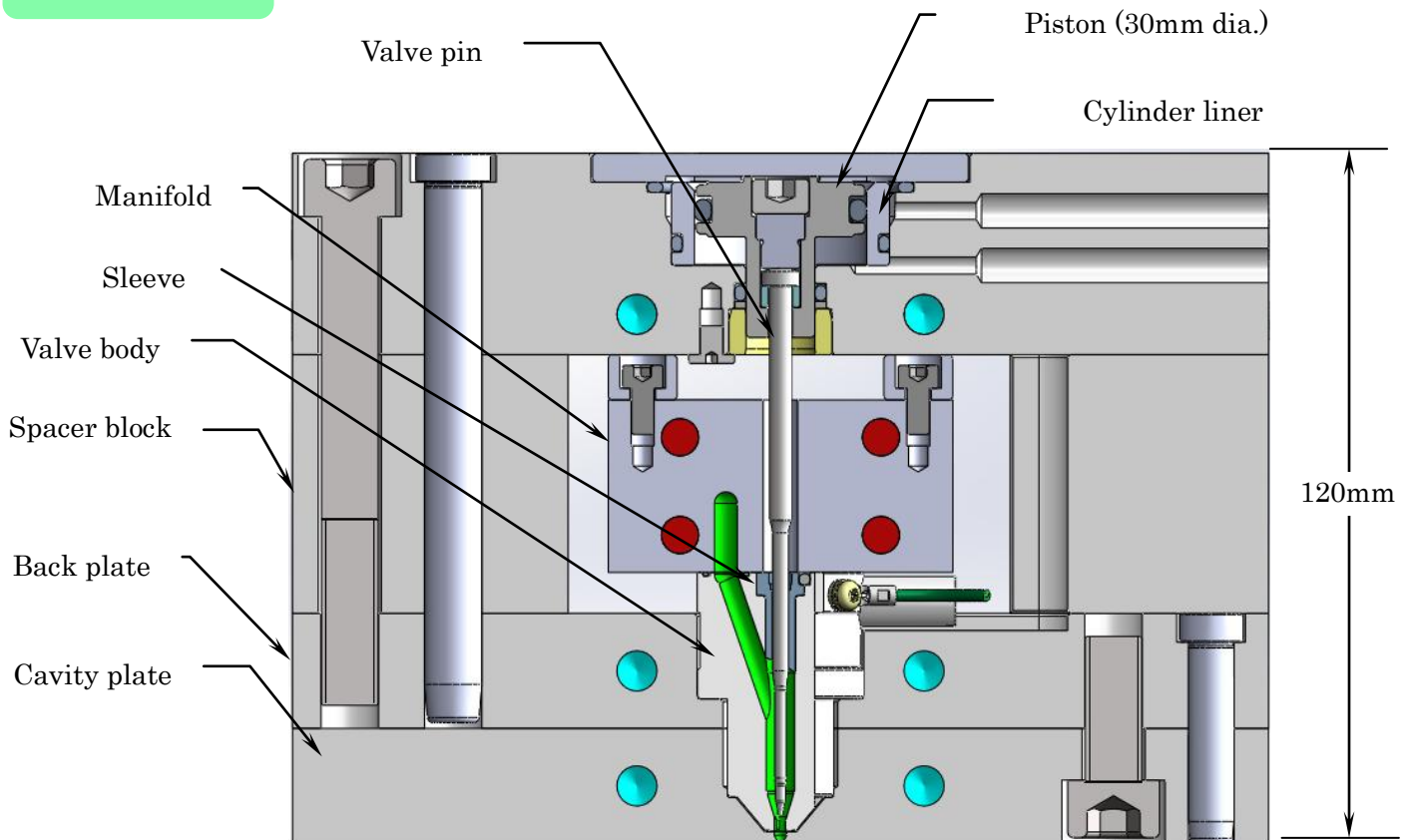


Structure



Features

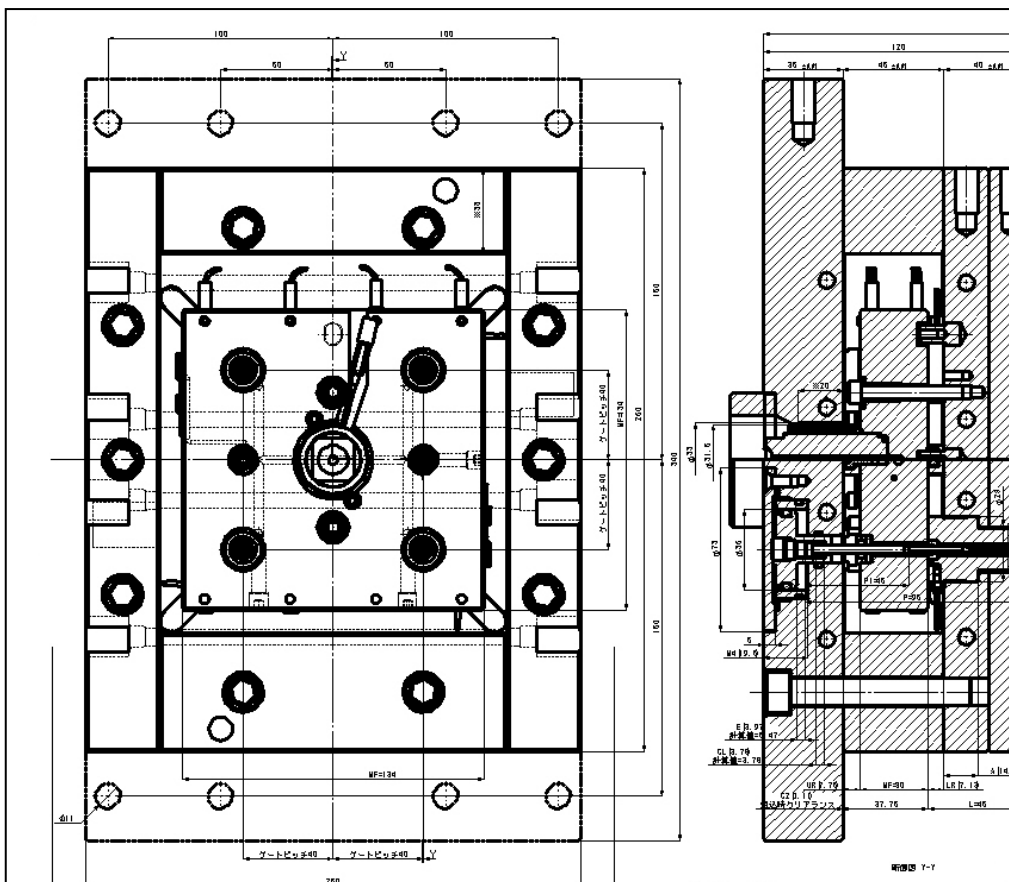
1. This new compact valve gate system realizes thin stationary side height of 120mm, being applicable to 15t–50t of machine's clamping force capacity.
2. Applicable to super engineering plastic molding.
3. It is equipped with a tip heater as its standard function, which facilitates the optimum molding condition for molding such as filler-contained plastics.
4. The combination of its air drive system and guiding mechanism prevents the gate and the pin from wear and tear or damage.
5. Air drive system provides easy handling and maintenance.

Specifications

1. Body heater: 32V (AC)
2. Tip heater: 11V(AC)
3. Overall length of body: 45mm (limited)
4. Gate size: 0.8(mm), 1.0(mm)
5. Applicable controller: S2000・AHC controller (Other manufacturers' controllers are not applicable because of their unmatched body heater output voltage.)
6. Valve activation: air-driven (0.5Mpa)

Design example

Design example using SMV



<Seiki's trial mold>

Part size

30mm×40mm

Wall thickness

0.5mm,

0.8mm,

1.0mm,

Gate size

φ0.8mm, φ1.0mm

Molding machine

15t(NEX15)

< Seiki's trial mold >

Case examples

resin	grade	resin temp.	mold temp.	remarks (end-usage)
PA66(G=30%)	Leona (G=33%)	290°C	80°C	part weight 3.4g automobile interior
PA66	Leona	280°C	80°C	
PA46	Stanyl (GF40%)	300°C	110°C	
PA9T	Genestar	340°C	140°C	
LCP	VECTRA	340°C	80°C	
LCP	SIVERAS (GF + filler 35%)	330°C	90°C	
PPS	FORTRON (GF40%)	300°C	120°C	
PPS	TORELINA (GF40%)	310°C	140°C	
PC	Panlite	300°C	100°C	
POM	Delrin	210°C	90°C	