



Conical twin-screw extruder (SJZ-80) standard configuration and main parameters

Name (model): Conical twin-screw extruder (SJZ-80)

Main parameters and description

(1) Barrel and screw part

Brand: JED

Screw diameter: 80/156mm

Screw barrel: 38CrMoAlA, nitrided

Heating power: 4 zones, total 21KW

Cooling method: forced water cooling with water jacket in feed section, forced air cooling in other sections

(2) Drive part

Motor power: 55KW

Motor brand: Siemens Bede

Reduction gearbox: high torque, low noise, hardened tooth surface, forced cooling

Reduction gearbox brand: Jiangyin

(3) Control part

High-end variable frequency speed regulation, brand: ABB

Temperature controller control, modular melt temperature and melt pressure control, automatic protection for overload, overtemperature and overpressure



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Temperature controller brand: Omron/RKC

(4) Twin-screw feeding system

Total parameters

Extrusion volume: Max: 450kg/h (depending on raw material formulation)

Total installed power: 78KW