JADS SERIES

All Electric Servo Drive Injection Molding Machine

J350ADS-460H-US

Injection Unit	Screw Model	-	K	A	B
	Screw Diameter	in (mm)	1.81 (46)	2.09 (53)	2.28 (58)
	Screw and Barrel	-	*M7 or [HP Screw (option)] / N2000F Barrel*		
	Screw L/D	-	*Long L/D 24:1*		
	Screw Stroke	in (mm)	8.26 (210)		
	Thoretical Injection Capacity	in^3 (cm^3)	21.3 (349)	29.26 (463)	33.87 (555)
	Injection Capacity (GP-PS)	oz (g)	11.21 (318)	14.9 (421)	17.8 (505)
	Injection Pressure (max)	psi (MPa)	33940 (234)	25670 (177)	21320 (147)
	Holding Pressure (max)	psi (MPa)	30890 (231)	23350 (161)	19430 (134)
	Injection speed	*in/s (mm/s)*	*19.69 (500)*		
	Injection acceleration	*G*	*1.38*		
	Injection rate	*in^3/s (cm^3/s)*	*50.7 (831)*	*67.3 (1103)*	*80.6 (1321)*
	Plasticizing rate (GP-PS)	*oz/s (kg/hr)*	*1.58 (161)*	*2.23 (228)*	*2.69 (275)*
	Screw rotation Speed	*rpm (min^{-1})*	*350*		
	Nozzle touch force	*U.S.ton (kN)*	*4.41 (39.3) Hyd. Center Touch [6.61(58.81) Option]*		
	Nozzle Stroke from Platen	in (mm)	1.97 (50)		
	Type of Nozzle	-	Open Nozzle		
	Barel Temperature Control	-	Barrel 5 Nozzle 1		
	Heater Wattage	*kW*	*17.5 (H1/H2/H3 Ceramic Heater)*		
Clamping Unit	Clamp mechanism	-	Double Toggle		
	Clamping force	U.S.ton (kN)	386.7 (3440)		
	Daylight	in (mm)	57.87 (1470) [61.81 (1570) option]		
	Mold open stroke	in (mm)	27.56 (700)		
	Platen open/close speed	*ft/s (mm)*	*3.6 (91)*		
	Platen design	-	SPI Standard		
	Movable platen support	-	Linear Guide		
	Mold support for Stack Molds	-	Support Block on Linear Guide Available (option)		
	Mold height	in (mm)	11.811 ~ 30.31 (300 ~ 770) [+100mm option]		
	Distance between Tie-bar	in (mm)	31.89 x 28.74 (810 x 730)		
	Platen size (H x V)	in (mm)	45.87 x 42.71 (1165 x 1085)		
	Ejector points	-	17		
	Ejector force	U.S.ton (kN)	6.63 (59)		
	Ejector stroke	in (mm)	5.906 (150)		
	Machine weight	*U.S.ton (t)*	*18.08 (16.4)*		
	Machine size (L x W x H)	*ft (m)*	*25.5 x 6.54 x 6.85 (7.78 x 1.99 x 2.08)*		

Remarks
1. Maximum injection pressure and maximum holding pressure may be restricted due to molding condition.
2. The theoretical injection capacity is (cross sectional area of cylinder) x (stroke of screw).
3. The injection capacity is applicable for GP-PS and variable according to the grade of resin, molding conditions and mold.
4. The plasticizing rate is applicable for GP-PS.
5. PC, HPVC, other engineering plastic, etc., low temperature setting and high speed molding may require high torque depending on the grade or molding conditions. Please contact us if you plan.
6. Red border denotes changes from Standard.

Note:
1. Due to continual improvements, specifications are subject to change without notice.
2. Actual figures of the specification will vary depending on final machine configuration. Please contact us if you require more specific data.
3. Performance specifications are based on theoretical data.
4. Low inertia injection specifications and high-speed injection specifications can be handled as option.
5. 1 MPa=10.2kgf/cm2, 1 kN=0.102tt

JSW

CERTIFIED JQA MANAGEMENT SYSTEM
ISO 9001
ISO 14001
JQA-QMA13993
JQA-EM6416