

J50000 Series

FLUID TRANSFER
AND HYDRAULIC

PNEUMATIC

SPECIAL APPLICATIONS

DIAGNOSTIC

AGRICULTURE

REFRIGERANT



Eaton's J50000 Series is commonly seen in injection molding applications on cooling and heating lines. Stainless steel and vibration-resistant structure allows for use in demanding cooling and heating environments.

Product Features

- Offers double sealing when connected
- Flat face valves with ball locking
- Standard seal material: FKM
- Vibration resistant
- Standard body material: Stainless steel

Physical Characteristics

DN/ND (mm)	Max. Operating Pressure		Rated Flow		Fluid Loss
	(bar)	(psi)	(lpm)	(gpm)	ml max.
6	50	725	18	4.76	0.01
9	50	725	43	11.36	0.02

Applications & Markets

- Injection Molding
- Electronic Cooling
- Heat-transfer Fluid

Temperature

-15 C + 150 C / +5 F +302 F

-15 C + 200 C / +5 F +392 F

Flow Data

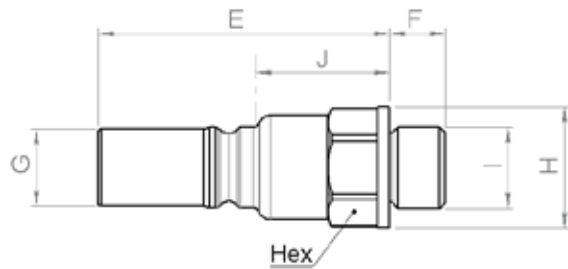
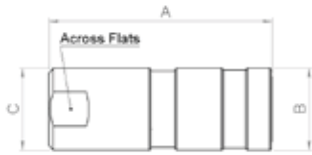
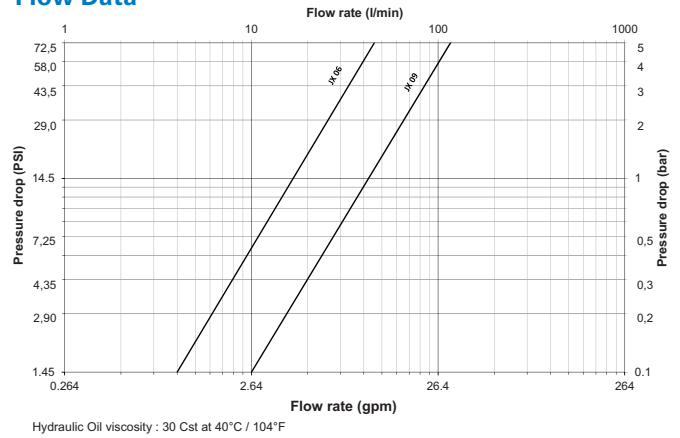


Figure 1

Figure 2

Figure 3

DN/ND (mm)	Socket/Female Part Number	Coupling Type	Connection (F)	Fig.	Dimensions			Hex
					L	L1	ø1	
6	JX5062614	Female Thread	G ¼	1	60	-	22	20
9	JX5092638	Female Thread	G ¾	1	74.5	-	28	24
6	JX5068214	90° Female Thread	G ¼	2	57.5	35	22	22

DN/ND (mm)	Plug/Male Part Number	Coupling Type	Connection (F)	Fig.	Dimensions			Hex
					L	A	ø1	
6	JX5067215	Male Thread	G ¼	3	44	9	19.5	12.5
9	JX5097239	Male Thread	G ¾	3	56	10	27	17