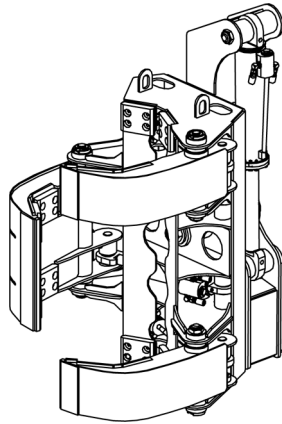




Pipe and Post Handler

2209ROD



Opening	22 in. (559 mm)
Closing	9 in. (229 mm)
Lifting capacity	8000 lb (3629 kg)
Torque at relief pressure	183076 in. lb (20686 Nm) @ 3000 psi (207 bars)
Steel* thickness	3/8" (10 mm)
Weight	1950 lb (885 kg)

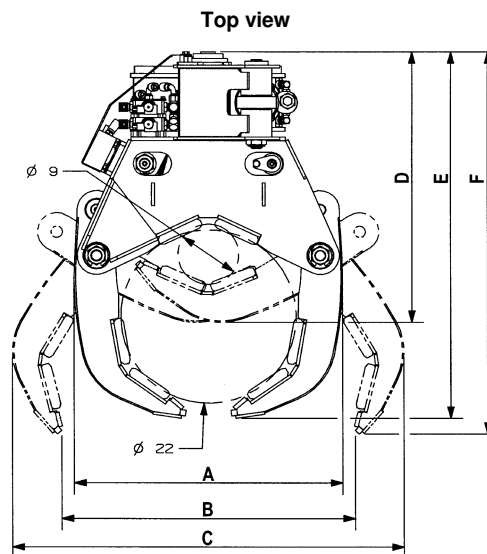
*High tensile strength steel: 165,000 psi (1138 MPa)

Rotator	Maximum pressure:	Recommended flow:

Cylinder	Diameter	Recommended pressure	Pressure range	Flow range	Lock valves
Standard	3" (76 mm)	2500 psi (172 bars)	2000 - 3000 psi (138 - 207 bars)	14 - 18 gpm (53 - 68 l/min.)	yes
Standard	4 1/2" (114 mm)	2500 psi (172 bars)	2000 - 3000 psi (138 - 207 bars)	14 - 18 gpm (53 - 68 l/min.)	yes

Grapple cylinder maximum flow will theoretically produce a complete grapple open/close cycle in 6 seconds.

Reference	Dimension
A	34 3/4 in. (883 mm)
B	38 in. (965 mm)
C	50 3/4 in. (1289 mm)
D	35 3/8 in. (899 mm)
E	48 in. (1219 mm)
F	50 in. (1270 mm)



NOTE: Hydraulic requirements 18 gpm 3000 psi, single circuit. All cylinders are equipped with lock valve.

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