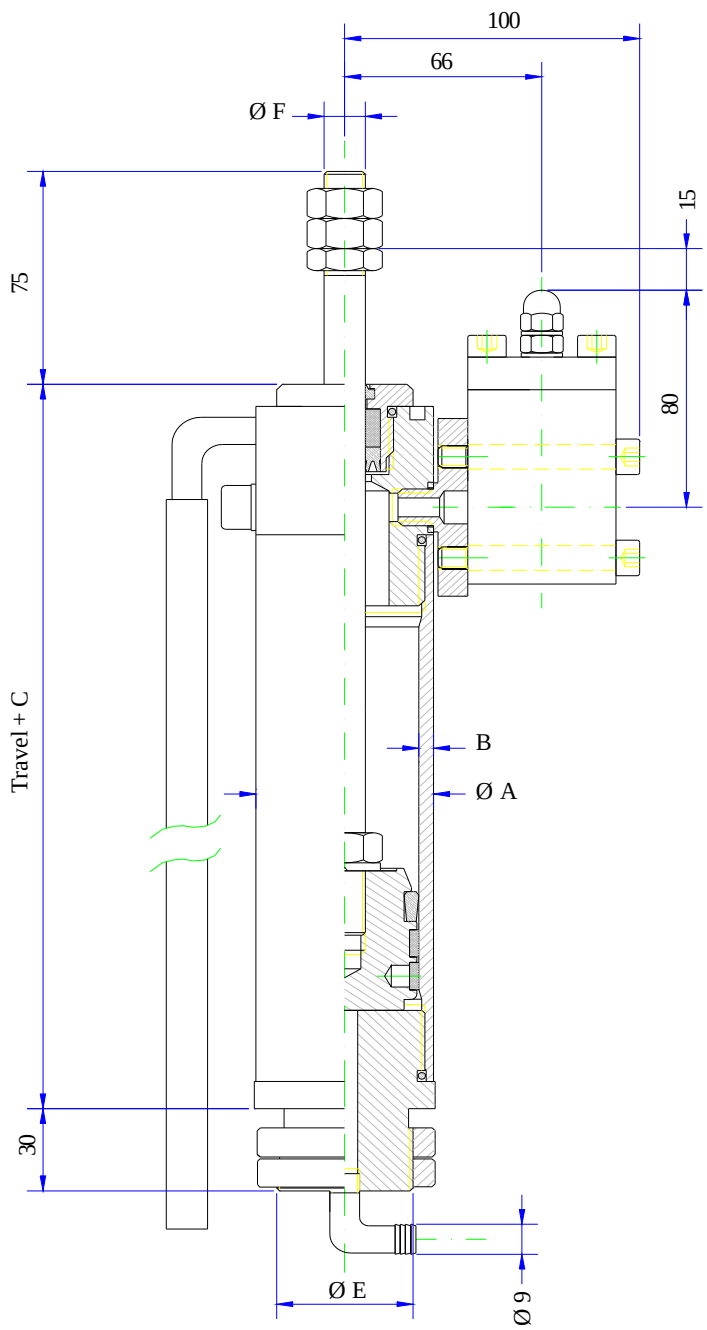

Characteristics details:

- Chromed rod	Mat. C45
- Cylinder	Mat. Fe 510
- Maximum working pressure	5.0 MPa
- Max Piston travel	5700 mm

Dimensions in mm

Speed calculation [m/s]
connected to Pump flow [litres/min] :
V = Pump flow / Ap * 0.167

Delivery flow pressure [Mpa]
connected to pull (upward) on the piston [daN]
and the piston travel [m] :
Ps = (Pull - ps1*Travel - ps0) / Ap / 10.2

Ap = Pull area di tipo del Pistone
Qt = Oil per metre in the cylinder
Pt0 = Weight of the basic of the complete piston
Pt1 = Weight for every mt of the complete piston
ps0 = Weight of the basic of the ram only
ps1 = Weight for every mt of the ram only

Piston Type	Dimensions [mm]					**Ap** [cm2]	**Qt** [Lt/m]	**Pt0** [kg]	**Pt1** [kg/m]	**ps0** [kg]	**ps1** [kg/m]
	A	**B**	**C**	**E**	**F**						
50/14	60	5	175	M45	M14	18.1	1.81	7	8	1.8	1.21
70/18	80	5	209	M45	M18	35.9	3.59	9	11.3	2.2	2.0

DIMENSIONS AND CALCULATING DATA
PISTON PULL TYPE
FOR PLATFORMS

Start Elevator

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