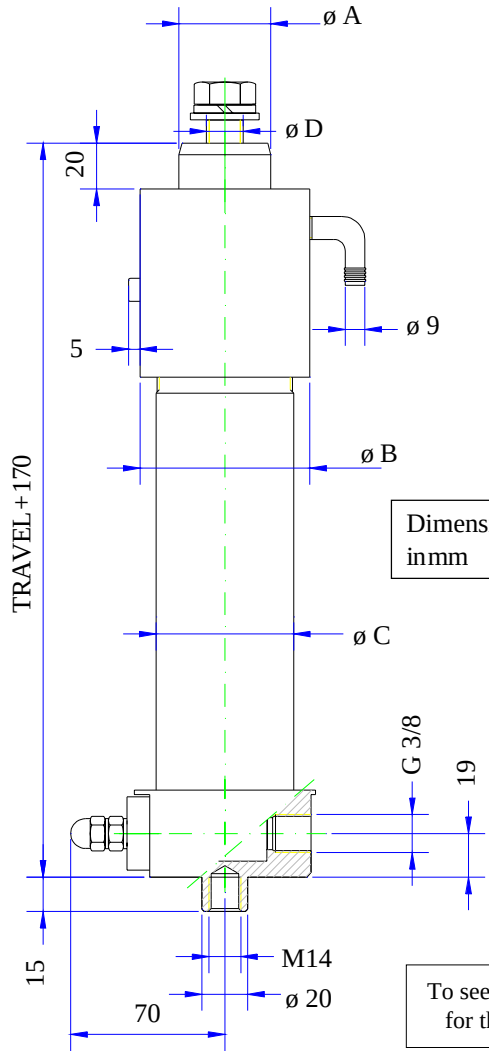

Dimensions in mm

Characteristics details:
- CHROMED RODS (40 AND 50 SOLID TYPE)
- SAFETY VALVE INCORPORATED IN THE BOTTOM OF CYLIND

Piston Type	Dimensions [mm]			
	A	**B**	**C**	**D**
40	40	74	60	M 12
50	50	84	70	M 16

Elements charattetistics :

Component	Material
Rod:	
- 40 e 50 Solid	C43
- 50 x 5	FE510
Cylinder	FE 510

To see the 08172 page for the safety valve

MAXIMUM PRESSURE: 5.0 Mpa

Piston Type Diam /Thickness		**Dc [mm]**	**sd [mm]**	**Ap [cm2]**	**Pt0 [kg]**	**Pt1 [kg/m]**	**ps0 [kg]**	**ps1 [kg/m]**	**Qt [lt/m]**	**qc [lt/m]**	**A [mm2]**	**i [mm]**	**J [mm4]**
40	Solid	60	5	12,57	6,8	16,7	1,3	9,9	2,0	1,3	1257	10,00	125664
50	**5**	70	5	19,63	7,4	13,6	1,2	5,6	2,8	2,0	707	16,01	181132
	Solid				8,2	23,5	2,1	15,4			1963	12,50	306796

Dc = External diameter of the Cylinder
sd = Cylinder thickness
Ap = Rod thrust section
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
Qt = Oil in the cylindel for every mt of travel with the ram completely out (must add at the minimum quantity of the oil in the tank)
qc = Oil in circulation for every mt of the piston travel (must compare with the quantity available in the tank)
A = Resistent section of the ram
i = Ray of the inertia of the ram
J = Moment of inertia of the ram

DIMENSIONS AND CALCULATION DATA OF PISTON 40 - 50 HOME TYPE

Start Elevator