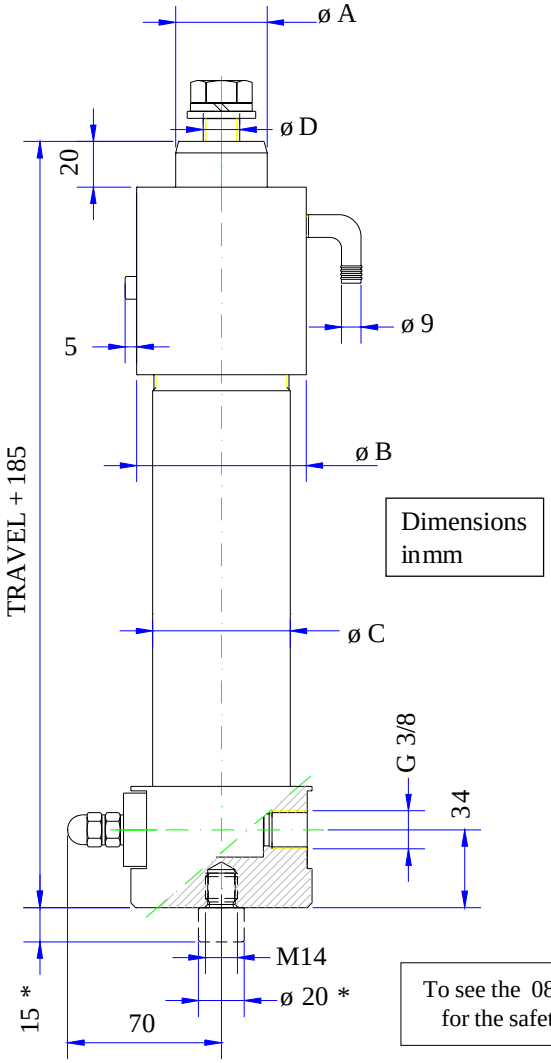

Dimensions in mm

Characteristics details:
- CHROMED ROD
- SAFETY VALVE INCORPORATED IN THE BOTTOM OF CYLIND

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

Elements charattetistics :

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

To see the 08177 page for the safety valve

MAXIMUM PRESSURE: 5.0 Mpa

* Optional

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]
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 50 HOME TYPE

Start Elevator

09 220 / G **rev. 1** **1/1**