



1. APPLICATION

A check valve (Fig 1.1) is a simple and reliable valve with only moving part (a spherical ball) to block the reverse flow. The full ported valve seat is uniquely designed allowing the ball to seat leak-tight without getting wedge into the valve seat.

The check valve used for connection between manifold and CO2 cylinders.

Designed for operating in CO2, Argon, N2 mediums

2. INSTALLATION

All check valves comes fastened on manifold, as shown as at picture 2.1. Connection between hose and manifold provided by check valve.

All check valves comes installed on manifold.

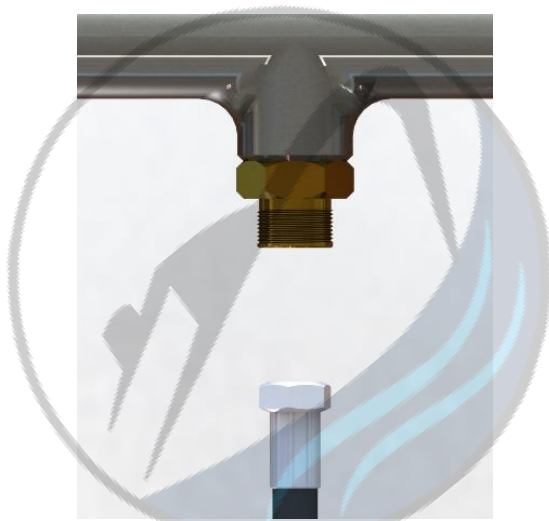


Figure 2.1



Figure 2.2



3. MECHANICAL PROPERTIES

For thread dimensions and general informations (material, Test pressure e.g) please see table 3.1 and table 3.2.

THREADS DIMENSION				
PROUDUCT NO.	TYP.	HOSE CONNECTION	MANIFOLD CONNECTION	METARIAL
AL20-40058		BSPT 1/2 ‘’	NPT 3/4’’	BRASS

Table 3.1 Threads Dimensions

For genral information and more details please see table 3.2.

GENERAL INFORMATION	
METARIAL	BRASS
TEST PRESSURE	150 [bar]
WORKING PRESSURE	100 [bar]

Table 3.2 General Information

4. MAINTANANCE

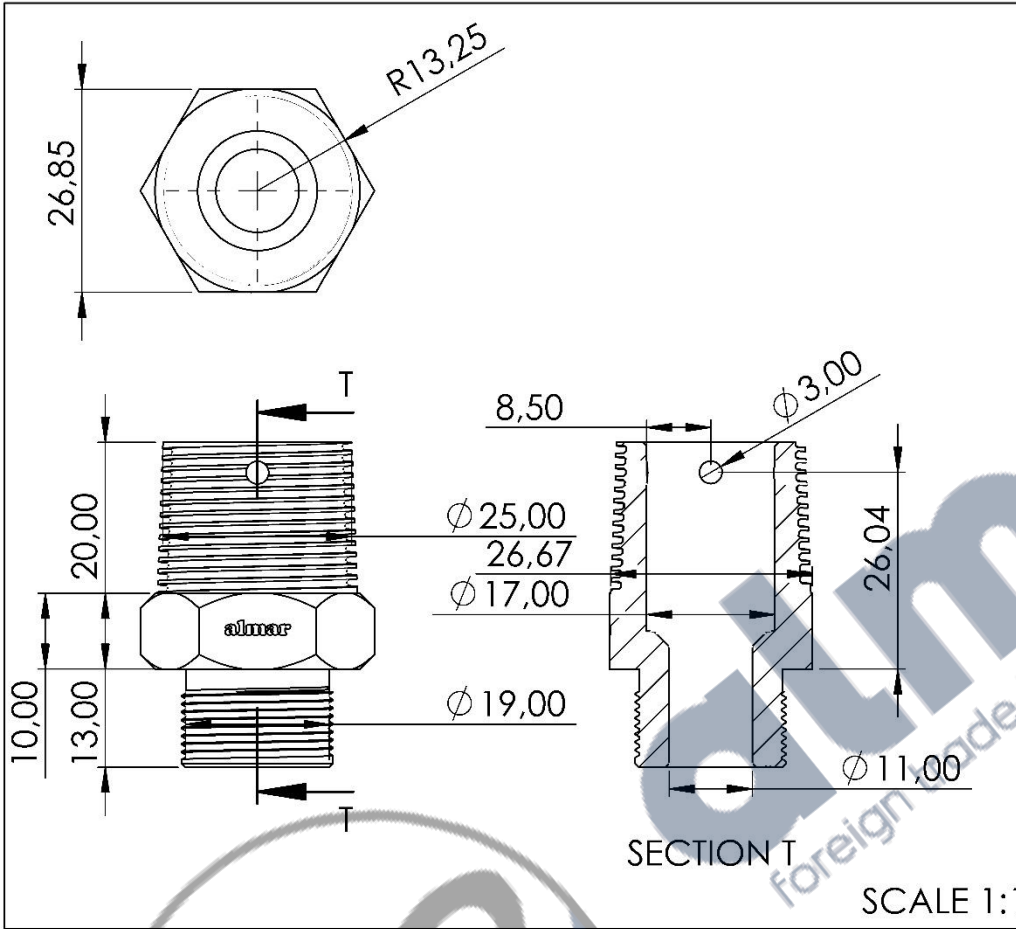
If any check valve is found to be in a poor condition, (rusty, damaged, etc.), please contact recognised service company.

Full maintenance should be performed by persons specially trained in the maintenance of such systems, e.g. manufacturer or recognised service company...

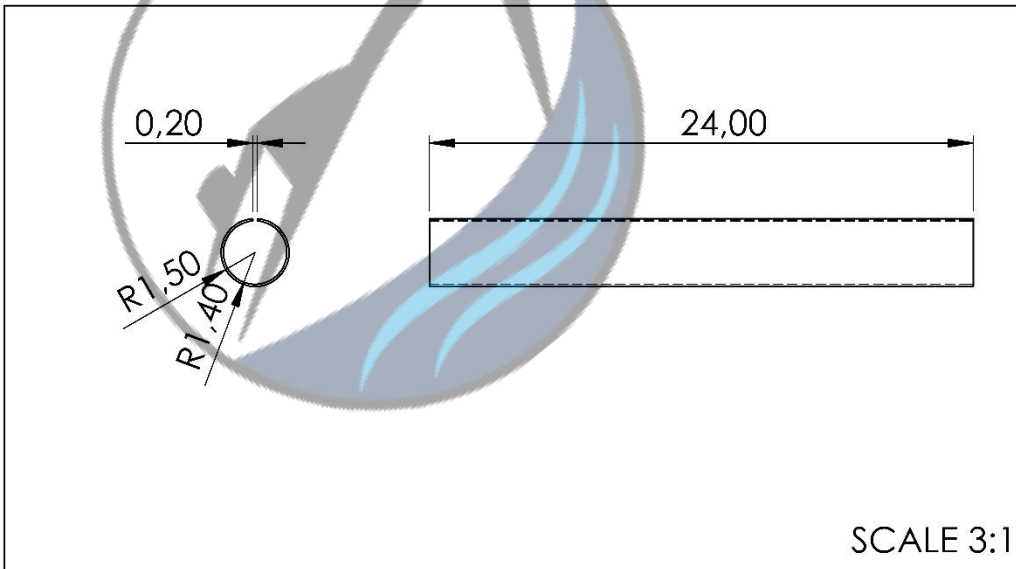
5. DIMENSIONS & TECHNICAL DRAWINGS

Please see following page for detailed technical drawings.

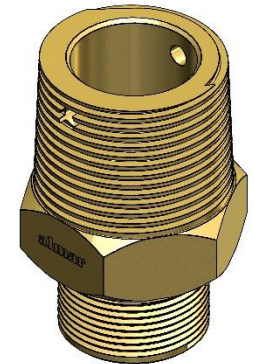
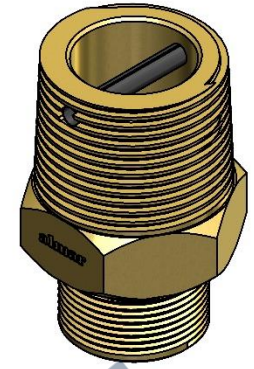
CHECK VALVE (BSPT)




SCALE 1:1



SCALE 3:1



NOTE: ALL DIMENSIONS ARE GIVEN AS MILLIMETERS

DRAWING NO:	POS. NO. 29	PROUDUCT NO: AL20-40058	DATASHEET: AL20-40058 Rev00	PAGE: A4
DESIGNED BY: ALİ ARMAĞAN	CHEKED BY: ÇAĞLAR LATİFOĞLU	APPROVED BY: ERDİNÇ LATİFOĞLU	DATE: 11/09/2020	SCALE: 1:3
		PROJECT / PROUDUCT: CHECK VALVE		
WEIGHT: -		METARIAL: BRASS	REVISION: Sep20-Rev00	SHEET 1