

Configurator MannTek Products

Part Number: M211A4471 - V200A2201



http://configurator.mann-tek.com/DGC/HOSEUNIT_DGC/2/SS/THREAD/F_2_NPT_A/FKMLT/NONE/A22/ProductAdmin10.html

Product Group

Dry Gas Couplings

DGC

Quick connect couplings with integrated shut-off valves to EN 13760 / EN 13175. For a fast, safe and spill-free handling Liquefied Gases.



Type of Coupling

Female (Hose Unit, Coupler)

Hose unit with swivel, with integrated shut-off valve, to EN 13760 / EN 13175. Self locking quick connect/disconnect coupling for the loading and unloading of liquefied petroleum gas LPG and various other media.

Typically mounted on hose assemblies and loading arms for temporary connection between storage tank and mobile transport units.

DN 25 as LPG fuelling connector for heavy duty vehicles to EN 13760.

DN 50 as LPG filling connector for trucks on liquid line or as vapor return on railcars to EN 13175

DN 80 as LPG filling connector for railcars on liquid line to EN 13175.

Can be coupled up to 15 bar and uncoupled up to 25 bar. Working pressure PN 25 bar. Temperature range - 20° C up to + 80° C; Low Temperature version down to -50°C available.

Quick and safe connection without tools and with minimized gas release.

DGC couplings fulfill the requirements of European Pressure Equipment Directive category 2 (for higher demand on request).



Suitable for the use in potentially explosive atmosphere (ATEX) zone 1.

Approved for the transport of dangerous goods on road (ADR), by rail (RID) and by ship (IMDG) and EN 14432.

Specified as a fuelling connector for DME driven vehicles. Also suitable for other liquefied gases like ammonia, ethylene, propylene, butadiene and others

Certificate: TÜV TÜ.AGG 304-99, Lloyd's Register 0038/ATEX/HAM064017, TDT TDT-UW-21/16, EAC TC No. RU Д-SE.МЮ62.В.02151

Type Approvals

Socket Diameter /
Nominal Diameter

2" (Ø 71 mm)

Loading / unloading of bobtails / tank trucks according to EN 13175

Connections: 1½" and 2" in BSP, NPT and Flanged inlet.



Material Coupling and
Body
Connection

Stainless Steel 1.4408 (AISI 316)

Threaded Connection



Connection Detail

F 2" NPT

2" NPT female to ANSI B1.20.1

O-Rings

FKM LT (Low Temperature) - Standard

Options: Special Types

No Special Types required

Accessories

Dust Plug - PE (Polyethylene-Composite)

To increase the lifespan of couplers, dust plugs should be used. They protect the couplings against the ingress of dirt and water.

Supplied cable attachment and eyelets.

