



Producto distribuido por

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MannTek

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| Part Number | T |
| Short Description | Male (Tank Unit, Adapter) |
| Description | Self locking quick connect/disconnect coupling, to STANAG 3756, for liquid media. Tank unit without swivel, typically fix mounted as filling connector on storage tanks, mobile tanks like IBC and ISO containers, road tankers, rail tank containers and ship manifolds. |
| Comment | Quick and safe connection of hose assemblies and loading arms to mobile and stationary tanks, under pressure and with minimised liquid loss. The standardised interface to STANAG 3756 with its bayonet coupling principle has been widely accepted in the industry. Both coupling parts are equipped with a flat poppet valve. For the connection, the hose unit is pushed onto the tank unit and coupled / sealed by turning the coupler clockwise by 15 degrees. When the unit is turned by 100 degrees, the valves move into the tank unit so that the medium can flow. When a similar turn is made counter-clockwise, the flow is stopped and the coupler can be pulled off. |
| Sizes | 1" (DN 25) up to 8" (DN 200). |
| Connections | BSP/NPT thread, DIN/ANSI/TW/TTMA flange – others on request. |
| Pressure | Can be coupled up to 7 bar line pressure. Working pressure: Aluminium ≤ DN 50 = PN 16, Aluminium ≥ DN 65 = PN 10 (PN 16 on request), Brass/Gunmetal = PN 16, Stainless steel, Hastelloy, Titan = PN 25, PEEK, PVDF = PN 6. |
| Temperature | -20° C up to +80° C; fulfilment of larger temperature range -50° C up to +200° C is possible - depending on medium, coupling and sealing material. |
| Material | Body: stainless steel (1.4401/1.4404, AISI 316 /316L, 1.4408/1.4409, CF-8M/CF-3M), aluminium or brass (up to 2") / bronze (from 2½") – others on request. O-Rings: Viton® (FPM/FKM) – others on request. Flat seal (for female parallel thread connections only): PTFE (stainless steel couplings), PU (alu / brass (bronze) couplings) – others on request. |
| Approvals / Certificates | DDC couplings fulfill the requirements of European Pressure Equipment Directive category 2 (for higher demand on request). They are 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), specified as a branch standard from European Chemical Industry (CEFIC) for handling of Ethylene Oxide/Propylene Oxide, Acrylic Monomers, Acrylonitrile, polymeric MDI/TDI and Vinyl Chloride. TÜV TÜ.AGG 304-99, APRAGAZ File ref. 0302/P5832, Lloyd's Register 0038/ATEX/HAM064017, TDT-UW-21/16, EAC TC No. RU Д-SE.МЮ62.В.02151 |
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Additional Information

