



Producto distribuido por

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MannTek

Part Number	S
Short Description	Female (Hose Unit, Coupler)
Description	Self locking quick connect/disconnect coupling, to STANAG 3756, for liquid media. Hose unit with swivel, typically mounted on hose assemblies and loading arms for temporary connection to storage tanks and mobile transport units, for loading and unloading.
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
Product Sheet / Links	Overview Approvals Brochure DDC-Couplings Homepage DDC-Couplings

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Additional Information

