

DDCouplings[®]
Dry Disconnect Couplings



3" (Ø 119 mm)

Tank unit / Adapter and Hose unit / Coupler

Technical information

3" Tří palcové koncovky

Connections

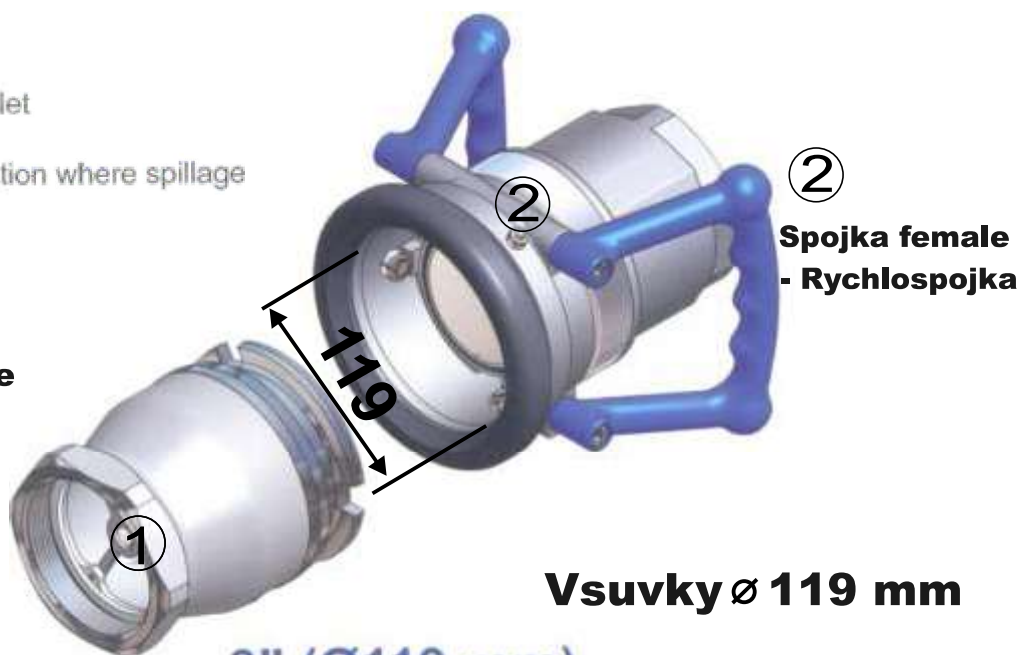
3" in BSP, NPT and Flanged inlet

Recommended for any application where spillage needs to be minimized.

Maximum Flow Rates

2000 litres/minute

① Spojka male
= Vsuvka



Vsuvky \varnothing 119 mm

3" (\varnothing 119 mm)

Tank unit/ Adapter and Hose unit / Coupler

Aluminium	10 bar / 145 psi	15 bar / 218 psi	50 bar / 726 psi
Brass/Gunmetal	16 bar / 232 psi	24 bar / 348 psi	80 bar / 1160 psi
Stainless Steel	25 bar / 363 psi	37,5 bar / 544 psi	125 bar / 1813 psi
Titan	25 bar / 363 psi	37,5 bar / 544 psi	125 bar / 1813 psi
Hastelloy	25 bar / 363 psi	37,5 bar / 544 psi	125 bar / 1813 psi
PEEK	6 bar / 87 psi	9 bar / 131 psi	30 bar / 435 psi

Applications

The 3" (119 mm) DDCoupling is recommended for similar applications to the 3" (105 mm) range, but where higher loading rates are required. Especially in rail tankers, marine tankers and related activities or on any application where product contamination and spillage needs to be minimized.

Media

Petroleum products: Gasolin, diesel, oil etc.

Chemical products: Ethylene Oxide, Propylene Oxide, Acrylonitrile, Butadiene, Ammonia, Vinyl Chloride, Toluene, Xylene, Sulphuric Acid, Phenol etc.

Gas:

Dry powder: Chocolate powder e.t.c.

Material

Aluminium, Brass/Gunmetal, Stainless Steel, Hastelloy C and PEEK. Other materials on request.

Seals

Standard seals in FPM (Viton®), EPDM, Chemraz®, Kalrez®, NBR (Nitrile). Other materials on request.

Selectivity

- Avoid mixing products:

To avoid product contamination caused by connecting a hose unit to the wrong tank unit, selective versions of the hose and tank units are available. Each unit has a number of selective positions, designated by a coded part number according to the coupling size - specify when placing order.

Interchangeability:

Compatibility with other existing brands for example TODO (Gardner Denver), Avery Hardoll and Emco Wheaton

Coupling standard: NATO STANAG 3756