



① **Spojka male**  
= Vsuvka

②

**Spojka female**  
- Rychlospojka

**Vsuvky  $\varnothing$  164 mm**

MATERIÁLY A TLAKY:	PROVOZNÍ	ZKUŠEBNÍ	PORUCHOVÉ
Aluminium	16 Bar / 232 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

## Connections

4" in BSP, NPT and flanged inlet.

## Applications

Recommended for HiFlo-loading / unloading of rail tankers, aviation refuellers and road tankers. Also suitable for ship to shore transfer, ship to ship transfer and ship to rig transfer or on any application where spillage needs to be minimized.

## Media

**Petroleum products:** gasoline, diesel, oil etc.

**Chemical products:** ethylene oxide, propylene oxide, acrylonitrile, butadiene, ammonia, vinyl chloride, toluene, xylene, sulphuric acid, phenol etc.

**Gas:** vapor recovery/balance systems for various media.

**Dry powder**

## Material of Body

Aluminium, brass/gunmetal, stainless steel, Hastelloy and PEEK. Other materials on request.

## Seals

StandardSeals FPM (Viton®), EPDM, FFKM (Chemraz®, Kalrez®), NBR. Other on request.

## High Flow Rates / Low Pressure Drop

Allows maximum product transfer with minimal losses

## Recommended Maximum Flow Rates

3500 litres/minute (fuel)

## 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. See page 32 ff.

## Interchangeability

Compatible with couplings of other manufacturers.

## Hose Unit with Integrated Swivel

All hose units are supplied with an integrated swivel.

**4" (Ø164 mm) Tank unit / Adapter - Female thread**
**DDC**
**4" modul s vnitřním závitem, vsuvky 164 mm**
**VSUVKA DDC IG/\*\***
**33401**

Připojení <sup>1</sup> Inch (")	Materiál <sup>2</sup> Material	Těsnění (Seal <sup>3</sup> )		Hmotnost		Objednací kódy
		O-kroužek	Na plocho	Kg	Lbs	
F4" BSP	AL	FKM	PUR	2,5	5,5	T516A1101B
F4" NPT	AL	FKM	-	2,8	6,2	T517A1101
F4" BSP	GM	FKM	PUR	7,0	15,4	T516D2201B
F4" NPT	GM	FKM	-	7,7	17,0	T517D2201
F4" BSP	SS	FKM	PTFE	6,0	13,2	T516B4401A
F4" NPT	SS	FKM	-	6,4	14,1	T517B4401

**Schváleno:  
NATO STANAG 3756**

**1)\***

F = Vnitřní závity, BSP = EN ISO 228, NPT = ANSI B1.20.1

F = Female thread, BSP = EN ISO 228, NPT = ANSI B1.20.1

**2) Materiály:**

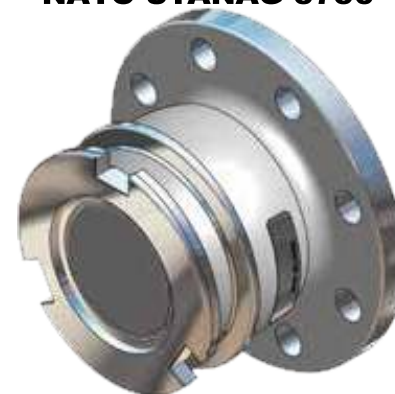
GM = Bronz (červený), EN 1982

SS = nerez EN 10272,

AL = Hliník

**4" (Ø 164 mm) Tank unit / Adapter - Flange Inlet**
**DDC**
**4" modul s vnitřním závitem, vsuvky 164 mm**
**VSUVKA DDC IG/\*\* s přírubou**
**33402**

Připojení <sup>1</sup> Inch (")	Materiál <sup>2</sup>	Těsnění <sup>3</sup> O-kroužek	Hmotnost		Objednací kódy
			Kg	Lbs	
undrilled Ø 230 mm	AI		3,2	7,1	T521D1101
DN 100 PN 10/16 Type B			3,1	6,8	T539D1101
4" ASA 150			3,2	7,1	T563D1101
DIN 28459 'TW 3' / DN 100			2,6	5,7	T566D1101
4" TTMA			2,6	5,7	T568D1101
undrilled Ø 230 mm			GM	Standard: FPM/FKM (Viton®)	
DN 100 PN 10/16 Type B					T539D2201
DN 100 PN 25/40 Type B					T540D2201
4" ASA 150					T563D2201
4" ASA 300 psi					T564D2201
DIN 28459 'TW 3' / DN 100					T566D2201
4" TTMA	SS	Other on request.			T568D2201
undrilled Ø 230 mm					T521B4401
o. Bohrungen Ø 230 mm **					T521B4401F
DN 100 PN 10/16 Type B			8,7	19,2	T539B4401
DN 100 PN 10/16 Type B**			8,6	19,0	T539B4401F
DN 100 PN 25/40 Type B					T540B4401
DN 100 PN 25/40 Type B**			T540B4401F		
DN 100 PN 25/40 Type E					T538B4401F
4" ASA 150			8,9	19,6	T563B4401
4" ASA 150**			8,9	19,6	T563B4401F
4" ASA 300 psi			12	26,5	T564B4401
4" ASA 300 psi**			12	26,5	T564B4401F
DIN 28459 'TW 3' / DN 100					T566B4401
4" TTMA			2,5	5,5	T568B4401

**Schváleno:  
NATO STANAG 3756**


\*) Type E (with spigot), EN 1092-1

\*\* Příruba standardní tloušťky

\*\* Flange with standard thickness

 1) PN 10 / 16 / 25 / 40 = EN 1092  
 ASA = ANSI B16.5 (150 o. 300 psi)  
 DIN 28459 = stará norma TW , 10 bar.  
 TTMA - Track Trailer Manufacturers Association

 2) Materiály: AI = hliník, GM - červený bronz  
 SS - nerezová ocel AISI 316

 3) Standardní těsnění FPM/FKM.  
 Alternativně lze EPDM, Chemraz, Kalrez, NBR  
 nebo HNBR na základě poptávek.

**4" (Ø164 mm) Hose unit / Coupler - Female thread**
**DDC**
**Rychlospojky 4", vnitřní závit (vsuvky 164 mm)**
**RYCHLOSPOJKA DDC IG/\*\***
**33404**

Připojení <sup>1</sup> Inch (")	Materiál Material <sup>2</sup>	Těsnění (Seal <sup>3</sup> )		Hmotnost		Objednací kódy	
		O-kroužek	Na plocho	Kg	Lbs		
F 4" BSP	AL (Aluminium)	Stand. těsnění (FKM - Viton)	PUR	Na plocho	7,6	16.8	S516B1101B
F 4" ASSPT							S5136B1101B
F 4" NPT							S517B1101
F 4" BSP	GM		PUR	Na plocho	17,5	38.6	S516B2201B
F 4" ASSPT							S5136B2201B
F 4" NPT							S517B2201
F 4" BSP	Nerez		PTFE	Na plocho	15,6	34.4	S516B4401A
F 4" ASSPT							S5136B4401A
F 4" NPT							S517B4401

 According to NATO  
STANAG 3756

**Rychlospojky 4", Přírub. příp. (vsuvky 164 mm)**
**RYCHLOSPOJKA DDC IG/\*\* PŘÍRUBA**
**33405**

Připojení <sup>1</sup> Inch (")	Materiál Material <sup>2</sup>	Těsnění (Seal <sup>3</sup> )		Hmotnost		Objednací kódy			
		O-kroužek	Na plocho	Kg	Lbs				
undrilled Ø 230 mm	Al	Stand. těsnění (FKM - Viton)	Standard: FPM/FKM (Viton <sup>®</sup> )  Other on request.	Na plocho			S521B1101		
DN 100 PN 10/16 Type B					9,3	20.0	S539B1101		
4" ASA 150					9,4	20.7	S563B1101		
4" TTMA					8,7	19.2	S568B1101		
DIN 28459 'TW 3' / DN 100					8,7	19.2	S566B1101		
undrilled Ø 230 mm	Br								S521B2201
DN 100 PN 10/16 Type B									S539B2201
DN 100 PN 25/40 Type B					23,9	52.7	S540B2201		
4" ASA 150					23,9	52.7	S563B2201		
4" ASA 300 psi							S564B2201		
4" TTMA						S568B2201			
DIN 28459 'TW 3' / DN 100						S566B2201			
undrilled Ø 230 mm	SS								S521B4401
o. Bohrungen Ø 230 mm **)									S521B4401F
DN 100 PN 10/16 Type B					16,1	35.5	S539B4401		
DN 100 PN 10/16 Type B **)		16,1	35.5	S539B4401F					
DN 100 PN 25/40 Type B		16,1	35.5	S540B4401					
DN 100 PN 25/40 Type B **)				S540B4401F					
DN 100 PN 25/40 Type E				S538B4401F					
4" ASA 150		21,0	46.3	S563B4401					
4" ASA 150 **)		21,0	46.3	S563B4401					
4" ASA 300 psi		16,1	35.5	S564B4401					
4" ASA 300 psi **)				S564B4401F					
4" TTMA		8,7	19.2	S568B4401					
DIN 28459 'TW 3' / DN 100				S566B4401					

