



90° - high pressure swivel joints in galvanized steel for the use with painted hose reel models for hoses up to 1/2".

Art. no. **9950** Recommended for high pressure applications with grease.

Art. no. **9951** Recommended for usual pressure applications with grease or oils (this is the standard swivel joint mounted on all painted steel hose reels for the use with grease up to 1/2").

Art. no. **9952** Recommended for applications with mineral oils and compressed air (this is the standard swivel joint mounted on all painted steel hose reels for the use with oils up to 1/2").

Art. no. **9953** Recommended for applications with glycol and brake fluid.

Art. no.	Connection threads	Max working pressure	Max temperature	Internal ø inlet swivel joint	Gaskets
9950	1/4" BSP (M)	900 bar	60° C	3 mm	PUR
9951	1/2" BSP (M)	600 bar	60° C	10 mm	PUR
9952	1/2" BSP (M)	200 bar	60° C	12 mm	PUR
9953	1/2" BSP (M)	200 bar	150° C	10 mm	EPDM



90° - high pressure swivel joints in galvanized steel for the use with painted steel hose reel models for hoses up to 1".

Recommended for high pressure applications with fluid lubricants.

Art. no.	Connection threads	Max working pressure *	Max temperature	Internal ø inlet swivel joint	Gaskets
9969	1" BSP (M)	100 bar	100° C	20 mm	FPM
9979	1" BSP (M)	200 bar	100° C	20 mm	FFKM

(*) Static pressure



Straight high pressure swivel joint in galvanized steel. Recommended for high pressure applications with fluid lubricants.

Art. no.	Connection threads	Working pressure	Max pressure *	Max temperature	Gaskets
9958	3/8" BSP (M) - 3/4" BSP (M)	700 bar	1050 bar	60° C	NBR

(*) Static pressure



90° - low pressure swivel joints in brass / free steel for the use with painted steel hose reel models for hoses 1" and 1 1/4".

Recommended for applications with diesel, glycol and compressed air.

Art. no.	Connection threads	Max working pressure	Max temperature	Internal ø inlet swivel joint	Gaskets
9973	1" BSP (M)	20 bar	60° C	20 mm	NBR
9974	1" BSP (F)	20 bar	60° C	20 mm	NBR
9975	1 1/4" BSP (F)	20 bar	60° C	25 mm	NBR



Straight low pressure swivel joints in brass / free cutting steel. Recommended for applications with oils, diesel and compressed air.

Art. no.	Connection threads	Max working pressure	Max temperature	Internal ø inlet swivel joint	Gaskets
2107/34	3/4" BSP (M) - 1" BSP (F)	20 bar	60° C	20 mm	NBR
2107/35	3/4" BSP (M) - 1" BSP (M)	20 bar	60° C	20 mm	NBR
2107/09	1" BSP (M) - 1" BSP (M)	20 bar	60° C	20 mm	NBR
2107/10	1" BSP (M) - 1" BSP (F)	20 bar	60° C	20 mm	NBR
2107/11	1 1/4" BSP (M) - 1" BSP (M)	20 bar	60° C	25 mm	NBR

Explanation: PUR = Polyester Urethane Rubber (Vulkollan®), EPDM = Ethylene Propylene Diene Monomer, FPM = Fluoro rubber (Viton®), FFKM = Perfluorinated rubber (Kalrez®)



90° - high pressure swivel joints in stainless steel for the use with hose reel models for hoses up to 1/2".

Recommended for applications with water, AdBlue®/DEF/AUS32, glycol, other fluids compatible with this type of steel and compressed air.

The standard swivel joint mounted on all stainless steel hose reels in 1/2" is art. no. 9963.

Art. no.	Connection threads	Max working pressure	Max temperature	Internal ø inlet swivel joint	Gaskets	Material swivel joint body
9955	M 22 x 1,5	200 bar	150° C	10 mm	EPDM	Stainless steel AISI 303
9961	1/2" BSP (M)	400 bar	200° C	10 mm	FFKM	Stainless steel AISI 303
9962	1/2" BSP (M)	400 bar	200° C	10 mm	FFKM	Stainless steel AISI 316
9963	1/2" BSP (M)	200 bar	150° C	10 mm	EPDM	Stainless steel AISI 303
9964	1/2" BSP (F)	200 bar	150° C	10 mm	EPDM	Stainless steel AISI 303
9966	1/2" BSP (M)	600 bar	200° C	10 mm	FFKM	Stainless steel AISI 303
9967	1/2" BSP (M)	200 bar	150° C	12 mm	EPDM	Stainless steel AISI 303



90° - high pressure swivel joints in stainless steel for the use with hose reel models for hoses up to 1".

Recommended for applications with water, AdBlue®/DEF/AUS32, glycol, other fluids compatible with this type of steel and compressed air.

The standard swivel joint mounted on all stainless steel hose reels in 1" is art. no. 9986.

Art. no.	Connection threads	Max working pressure*	Max temperature	Internal ø inlet swivel joint	Gaskets	Material swivel joint body
9986	1" BSP (M)	100 bar	100°C	20 mm	FPM	Stainless steel AISI 303
9987	1" BSP (M)	200 bar	100°C	22 mm	FFKM	Stainless steel AISI 303
9981	1" BSP (M)	200 bar	100°C	22 mm	FFKM	Stainless steel AISI 316

(*) Static pressure



Low pressure swivel joints, suitable for hose reels in 1' 1/4" and 1' 1/2", with fixed fluid shaft and swivelling support, gooseneck assembly and hose tail connections ø 33 mm and ø 38 mm.

Art. no.	Connection threads	Max working pressure	Max temperature	Internal ø inlet swivel joint	Gaskets	Material swivel joint body
9982	1' 1/2" BSP (M)	10 bar	100°C	26 mm	FPM	Stainless steel AISI 303
9983	1' 1/2" BSP (M)	10 bar	100°C	33 mm	FPM	Stainless steel AISI 303



Interchangeable gooseneck assemblies with hose tail connection or male BSP threads.

Explanation:

EPDM: Etilene Propylene Diene Monomer

FPM: Fluoro rubber (Viton®)

FFKM: Perfluorinated rubber (Kalrez®)



Art. no. 9992
Art. no. 9994

Art. no. 9991
Art. no. 9993

Hose connection adapters with fluid shaft suitable for installation in hose reel series EVO in 1"; this special component facilitates the connection of the hose and assures a more effective fluid supply.

They are available in galvanized and stainless steel AISI 304. In combination with the swivel joints of catalogue pages 238 and 239 they enable the use of a painted steel hose reel model also for fluids that require wetted parts in stainless steel (f. ex. water, AdBlue®/DEF/AUS32), just by changing the components which are in contact with the fluid.

Art. no.	Inlet connection thread	Outlet connection thread	Internal diameter inlet swivel joint	Material swivel joint body
9991	1" BSP (F)	3/4" BSP (M)	19 mm	Galvanized steel
9992	1" BSP (F)	1" BSP (M)	20 mm	Galvanized steel
9993	1" BSP (F)	3/4" BSP (M)	19 mm	Stainless steel AISI 303
9994	1" BSP (F)	1" BSP (M)	20 mm	Stainless steel AISI 303



Art. no. 9949

Art. no. 9948
Art. no. 9997

Art. no. 9947
Art. no. 9996

Gooseneck assemblies with fluid shaft suitable for installation in hose reel series EVO in 1"; this special component facilitates the connection of the hose and assures a more effective fluid supply.

They are available in galvanized and stainless steel AISI 304. In combination with the swivel joints of catalogue pages 238 and 239 they enable the use of a painted steel hose reel model also for fluids that require wetted parts in stainless steel (f. ex. water, AdBlue®/DEF/AUS32), just by changing the components which are in contact with the fluid.

Art. no.	Inlet connection thread	Outlet connection thread	Internal diameter inlet swivel joint	Material swivel joint body
9947	1" BSP (F)	3/4" BSP (M)	19 mm	Galvanized steel
9948	1" BSP (F)	1" BSP (M)	20 mm	Galvanized steel
9949	1" BSP (F)	1 1/4" BSP (M)	25 mm	Galvanized steel
9996	1" BSP (F)	3/4" BSP (M)	19 mm	Stainless steel AISI 303
9997	1" BSP (F)	1" BSP (M)	20 mm	Stainless steel AISI 303



Art. no. 9989

Art. no. 9988

Interchangeable fluid shaft suitable for installation in hose reel series EVO in 1/2". They are available in galvanized and stainless steel AISI 304. In combination with the swivel joints of catalogue pages 238 and 239 they enable the use of a painted steel hose reel model also for fluids that require wetted parts in stainless steel (f. ex. water, AdBlue®/DEF/AUS32), just by changing the components which are in contact with the fluid.

Art. no.	Inlet connection thread	Outlet connection thread	Internal diameter inlet swivel joint	Material swivel joint body
9988	3/4" BSP (F)	1/2" BSP (M)	12 mm	Galvanized steel
9989	3/4" BSP (F)	1/2" BSP (M)	12 mm	Stainless steel AISI 303

