Configurator MannTek Products

Part Number: D1616A1101B

https://configurator.manntek.se/SWIVELS/SWIVEL_SINGLE/5/AL/THREAD/F_4_BSP_A/THREAD/F_4_BSP_A/VITON/B/Product11.html

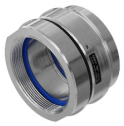
Product Group	**Swivel Joints** Standard type with single ball race allows free rotation between hose assembly and attached handling equipment such as filling nozzles. Standard duty Swivel Joints are used e.g. in filling plants to avoid torsion of hose assemblies and improve the handling and coupling of nozzles if no integrated swivel is attached. One capsulated ball bearing and PTFE bearing. Electrically conductive. Designed to allow smooth rotation (slow rotary movement) of operating devices such as filling nozzles. Not certified to bear side loads or high bending moments; for high bending movements, please use 'heavy duty' Swivel Joints. Available sizes ¾" (DN 19) up to 4" (DN 100). Special type 'Heavy Duty' with double ball race allows free rotation between hose assembly and the fixed point of a plant / pipe system, e.g. tank truck or rail tanker connection. Heavy duty Swivel Joints are designed especially for hose reels to load and unload products where high bending forces can occur - e.g. offshore hose reels ship-to-shore, oil platform loading rigs, hoses for road and rail tankers. Two capsulated ball bearings. Electrically conductive. Designed to allow smooth rotation (slow rotary movement) of hose assemblies which are attached to a fixed point of the pipework, e.g. rail tanker or tank truck connection. Suitable to bear high bending moments. Do not use for strong side loads directly on the swivel. Available sizes 2" (DN 50) up to 10" (DN 250).
Type of Coupling	**Standard Duty** Standard type with single ball race allows free rotation between hose assembly and attached handling equipment such as filling nozzles.

Standard duty Swivel Joints are used e.g. in filling plants to avoid torsion of hose assemblies and improve the handling and coupling of nozzles if no integrated swivel is attached.
One capsulated ball bearing and PTFE bearing. Electrically conductive.
Designed to allow smooth rotation (slow rotary movement) of operating devices such as filling nozzles.
Not certified to bear side loads or high bending moments; for high bending movements, please use 'heavy duty' Swivel Joints.

Body Material	**Aluminium** suitable e.g. for petroleum based products

Maximum Working Pressure	10 bar
Test Pressure	15 bar
Minimum Burst Pressure	50 bar

Connection 1	**Threaded Connection**
Connection 1 - Detail	**F 4" BSP** 4" BSP female to EN ISO 228



Connection Detail	**Technical Drawing**
Connection 2	**Other Threaded Connection**
Connection 2 - Detail	**F 4" BSP**
Connection Detail	**Technical Drawing**
O-Rings	**Viton® (or equivalent FPM/FKM) Standard** FKM/FPM (Fluorocarbon Rubber): FKM is known especially for its non-flammability, low gas permeability and excellent resistance to ozone, weathering and aging. The operating temperatures of the Fluorocarbon Rubber range between -20° C and +200° C). FKM is often used with mineral based oils and greases at high temperatures, aliphatic, aromatic and chlorinated hydrocarbons and oxidizing acids.
Flat Seal	**PUR (Vulkollan©)**

PDF Documents

Homepage Swivel Joints (Swivel Joints)

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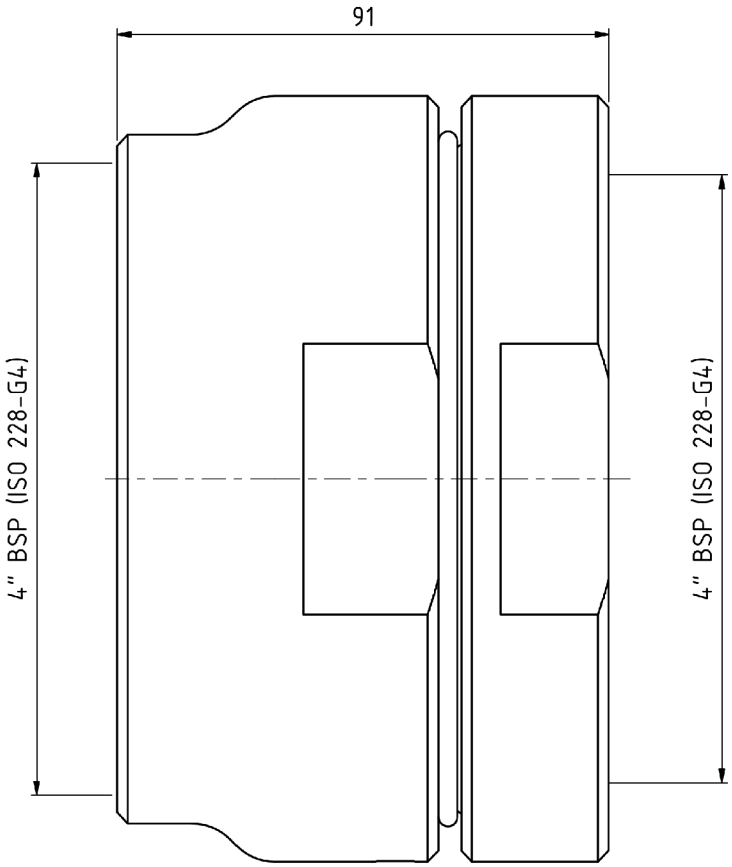

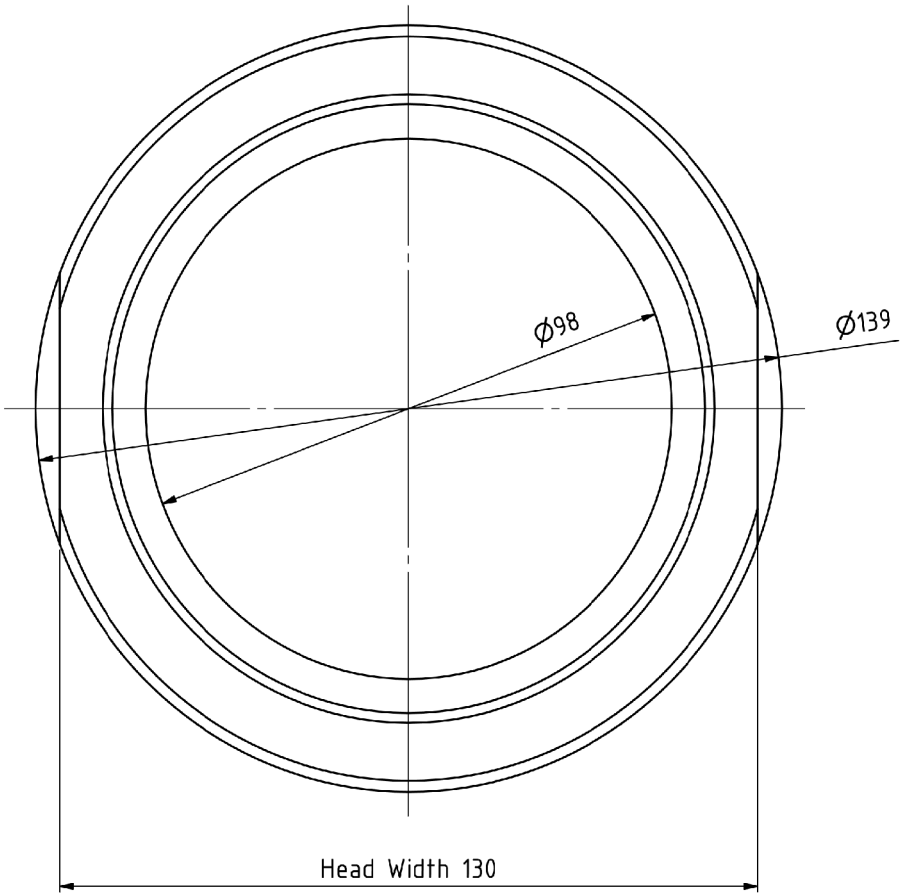

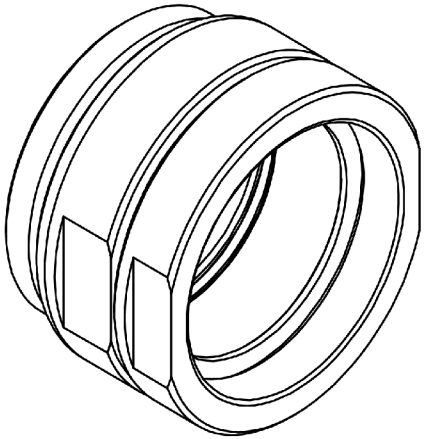

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D1616B4401A-1
Swivel Joints
DN 100 (4")
F 4" BSP

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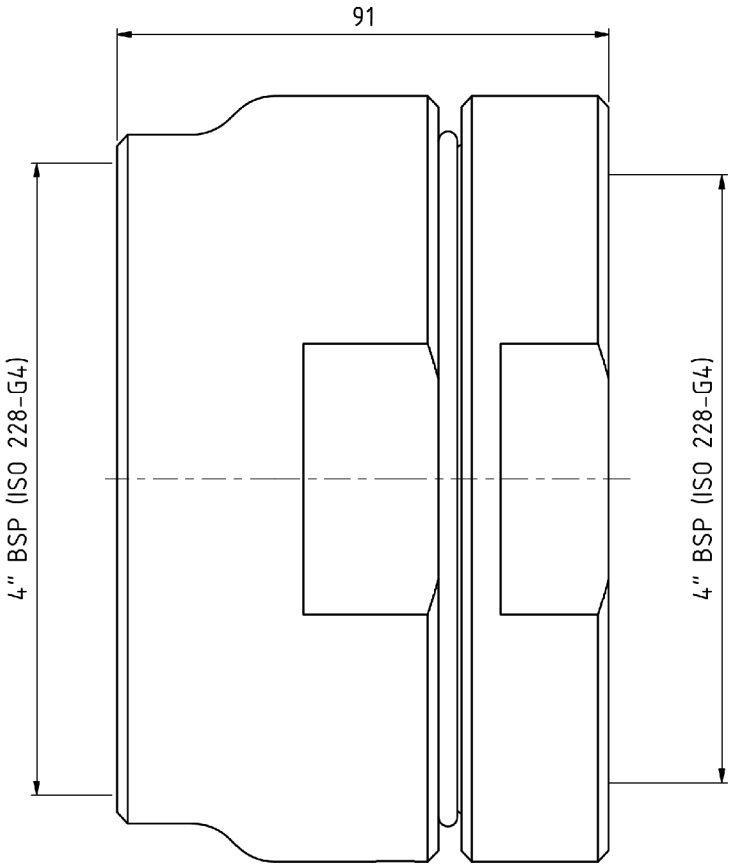

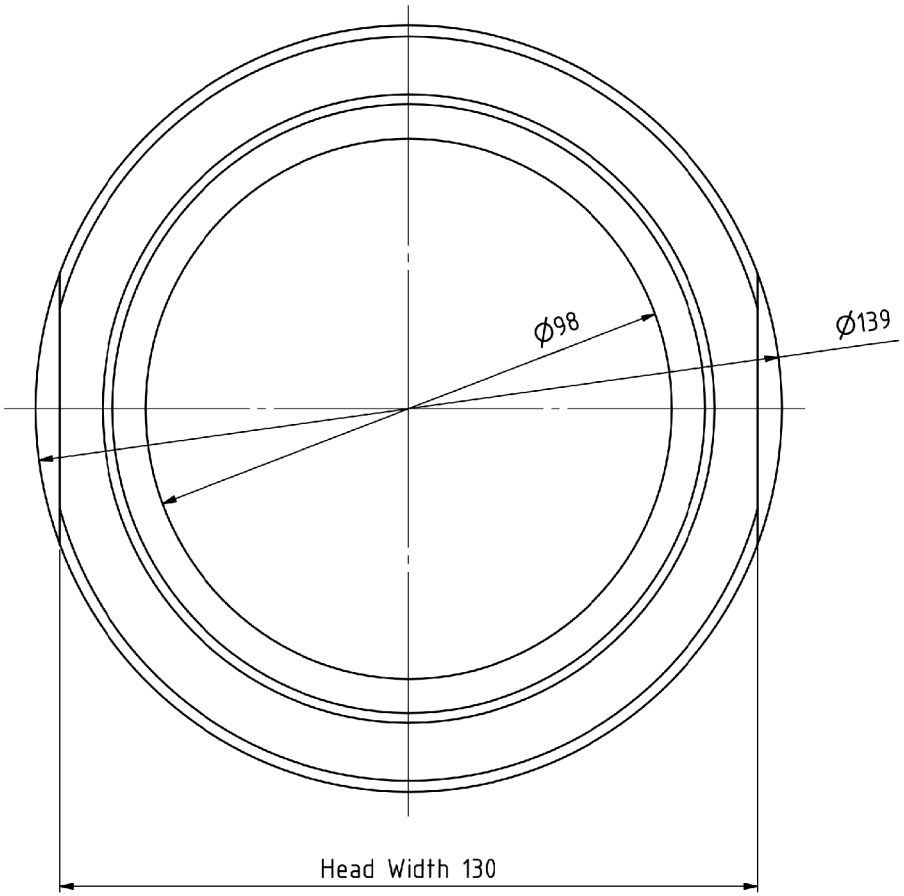

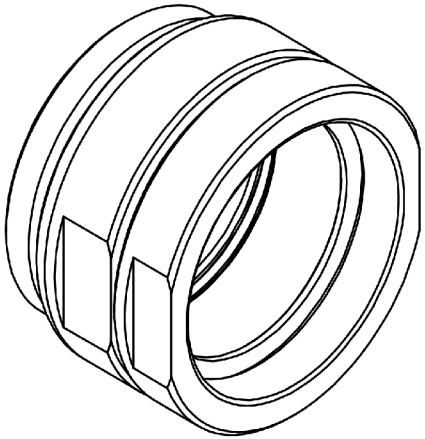

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D1616B4401A-1
Swivel Joints
DN 100 (4")
F 4" BSP