



Specification

Nominal size

DN100

Inlet/riser pipe connection

8 x 19mm holes on a 190.5mm PCD - 4" ANSI 150

Outlet/coupler swivel connection

8 x 11mm holes on a 149.2mm PCD - 4" TTMA

Configurations

Bottom loading: drop hose; A frame; low profile

Top loading: pantograph; long reach

Left hand or right hand

Operation

Balance adjustment is controlled by gas springs and protected by a limiter bolt

Swivel Properties

All have an internal earth system for electrical continuity

Options

Base swivel stop device to prevent collision from over-rotation

Materials

Base swivel: stainless steel

Balance mechanism: stainless steel

Intermediate swivel: stainless steel or aluminium

Coupler swivel: stainless steel or aluminium

Swivel primary seal: a range is available, refer to Seal Data

Swivel secondary seal: PTFE

Swivel tertiary seal: Fortyt

Component Parts

Description	Part No.
Complete balance mechanism *Note	94/7000XX
Base swivel only *Note	94/7015XX
Intermediate swivel *Note	94/7X25XX
Coupler swivel *Note	94/7X20XX

NOTE: The specification changes the Part No.

Related Parts

Description	Part No.
4" ASA 150 graphite inlet gasket	5005-902G
Loading arm assembly kit	94/7AK
Swivel grease nipple kit	94/7GNK
Swivel stop device: stop plate & stop bar	94/7079/XXA 94/7081

We supply a range of spools, drop hoses and API couplers. Please contact us to discuss your specification

Seal Data

Seal Material	Seal Temp Min/Max
Viton B	-13°C / 70°C
Viton GFLT-S	-23°C / 70°C
Ultra low temp. fluorocarbon	-40°C / 70°C
PTFE	-40°C / 70°C

Design Conditions

Design Pressure (MAWP):	16 Bar
Test Pressure:	24 Bar
Design Temperature Min:	-40°C (metal parts)
Design Temperature Max:	70°C (metal parts)

NOTE: The Design Conditions are for the specified part number only.

Design Codes

All components obey ATEX & PED