



TECHNIQUE

Single-handed coupling with automatic 5-point locking. Locking elements are balls that are locked by a spring-loaded release sleeve. Unintended unlocking can be prevented with a locknut which is manually secured against the connection. The de-coupling process is started by pushing the release sleeve back in the direction of the connection. The valve returns to its original position and pushes the plug connector out of the coupling.

ANWENDUNGSBEREICHE

- general industrial supplies
- stainless steel/steel
- double shut off

PRESSURE RANGE

The coupling can be statically loaded up to 70 bar without pulsation.

MATERIALS COUPLING

| | |
|----------------------|--------------------|
| Body, release sleeve | steel, zinc plated |
| Pressure springs | AISI 301 |
| Balls | AISI 304 |

MATERIALS GASKET

Seals made of nitrile butadiene rubber (NBR)
 Hardness of material 70 Shore
 Temperature range -30°C through +110°C
 Temperature range -35°C through +110°C (allowed for short periods)
 Gas permeability coefficient (\varnothing)=5
 Resistant to mineral oils, fuels, water and watery liquids, fuel gas, hot air and many chemicals (on request)
 If air or ozone are applied, hardening and brittleness (cracking) must be expected.

MATERIALS CONNECTION

Plug connector steel,tempered, nickel-plated

CHARACTERISTICS

Base body and connection are a single part, valve very aerodynamic, O-ring arrangement protected against dirt and damage.

FEMALE COUPLING

| Connection | L | L1 | D | SW | Order number |
|------------|----|----|----|----|-----------------------|
| G1/2 | 78 | 14 | 40 | 32 | 220.00.KVZS.IG012.SZP |
| G3/4 | 78 | 16 | 40 | 32 | 220.00.KVZS.IG034.SZP |

FEMALE PLUG

| Connection | L | L1 | L2 | SW | Bestellnummer |
|------------|----|----|----|----|-----------------------|
| G1/2 | 46 | 13 | 27 | 27 | 220.00.S000.IG012.SZP |
| G3/4 | 46 | 16 | 27 | 32 | 220.00.S000.IG034.SZP |

MALE PLUG

| Connection | L | L1 | L2 | SW | Bestellnummer |
|------------|----|----|----|----|-----------------------|
| G1/2 | 48 | 13 | 27 | 24 | 220.00.S000.AG012.SZP |
| G3/4 | 48 | 14 | 27 | 32 | 220.00.S000.AG034.SZP |

HOSE TAIL PLUG

| Connection | L | L1 | L2 | D | Bestellnummer |
|------------|----|----|----|----|-----------------------|
| LW13 | 76 | 48 | 27 | 24 | 220.00.S000.ST013.SZP |
| LW16 | 76 | 48 | 27 | 24 | 220.00.S000.ST016.SZP |
| LW19 | 76 | 48 | 27 | 24 | 220.00.S000.ST019.SZP |

ANTI WHIP HOSE CONECTOR

| Connection | L | L1 | L2 | SW | Order number |
|------------|-----|----|----|----|-----------------------|
| LW13 | 92 | 28 | 27 | 32 | 220.00.SR00.ST013.SZP |
| LW16 | 100 | 36 | 27 | 32 | 220.00.SR00.ST016.SZP |
| LW19 | 100 | 36 | 27 | 32 | 220.00.SR00.St019.SZP |

RECOIL ELIMINATOR (ANTI WHIP)

| Connection | L | L1 | L2 | SW | Order number |
|------------|----|----|----|----|-----------------------|
| 13x16 | 83 | 19 | 27 | 32 | 220.00.SR00.SV016.SZP |