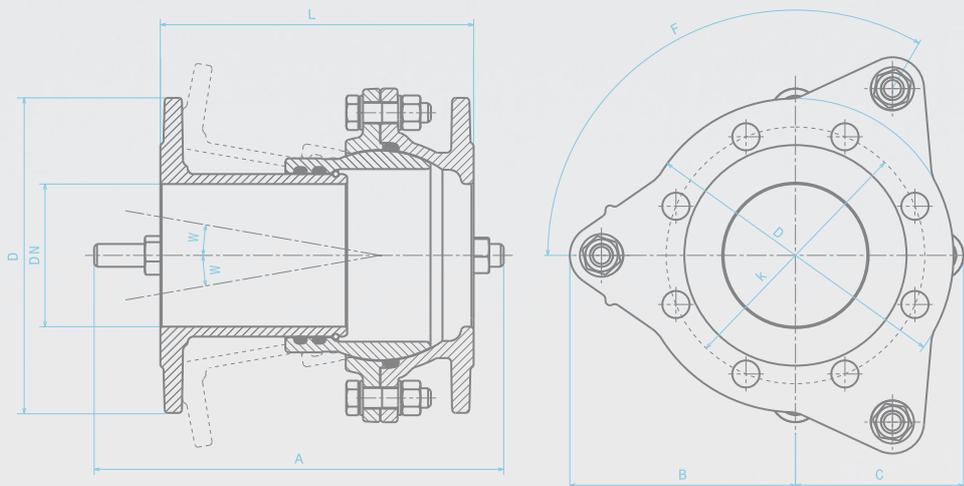


## TECHNICAL DATA:

**Cat. No. 8010S** VERSION SHORT, WITH TENSION LOCK

**Cat. No. 8011S** VERSION LONG, WITH TENSION LOCK



Art. No.	DN	Version	PN	Adjusting range L in mm	A	B	C	D	F	k	Angle W	Weight/ kg	
MFV000300020	50	short	16	150-207	285	212	87	165	3x120°	125	0-10°	8,9	
MFV000300030		long		207-323	415							10,2	
MFV000390020	80	short		150-214	285	247	107	200	3x120°	160	0-10°	12,9	
MFV000390030		long		214-344	415							15,2	
MFV000440020	100	short		150-216	285	267	117	220	3x120°	180	0-10°	14,8	
MFV000440030		long		216-350	415							17,3	
MFV000490020	150	short		175-250	330	380	190	285	4x90°	240	0-10°	25,4	
MFV000490030		long		250-408	480							29,3	
MFV00056002S	200	short		10	195-292	360	229	229	340	4x90°	297	0-8°	48,0
MFV00056003S		long			280-462	530							52,0
MFV00056002S		short			195-292	360							48,0
MFV00056003S		long			280-462	530							52,0

**Standard version:** HAWLE-**VARIO** fitting is delivered complete with the suitable tension lock set.

### DESCRIPTION OF MATERIAL:

All parts made of ductile iron EN-GJS-400-/500-18 acc. to EN 1563 (GGG 400 - DIN 1693) GSK epoxy powder coated inside and outside acc. to DIN 30677-T2, subject to DIN 3476, as well as all quality and testing provisions acc. to RAL Quality Mark 662 (GSK – The Quality Association for Heavy Duty Corrosion Protection)

Locking ring, bolts, nuts and washers of stainless steel A2.  
O-rings of elastomer (suitable for potable water)

All images, technical data, dimensions and weights are without obligation and subject to changes instrumental to technical progress.

distributed by:



### TENSION LOCK ASSEMBLY FOR VERSIONS SHORT AND LONG

consisting of rounded washer, ball cups, nuts and tension lock bars of stainless steel A2



**hawle**

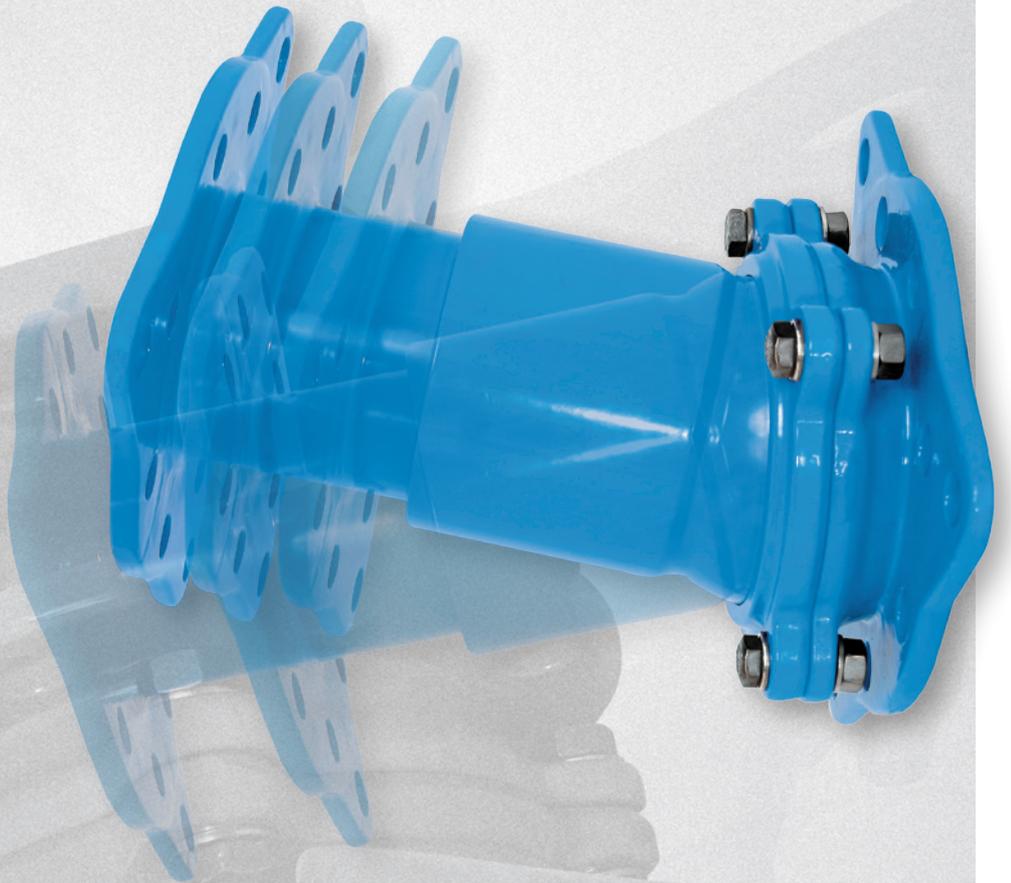
**E. Hawle Armaturenwerke GmbH**

A-4840 Vöcklabruck - AUSTRIA  
Wagrainer Straße 13  
www.hawle.at

Telefon: +43 (0)7672 725 76-0  
Telefax: +43 (0)7672 784 64  
E-mail: hawle@hawle.at

hawle

# HAWLE-**VARIO**



HAWLE. **MADE FOR GENERATIONS.**



# HAWLE-**VARIO**

## THE INNOVATIVE FLEXIBLE FITTING

Pipes may shift or subside in the ground creating misaligned pipes when dismantling old valves or cross connections. The ensuing gap can be near impossible to close by means of standard fittings and as a consequence often time consuming makeshift arrangements become necessary.

Hawle has created the perfect solution to this problem - the HAWLE-**VARIO**.

The HAWLE- **VARIO** is a flanged pipe connection with **flexible and telescopic length adjustments**. It permits bending to all sides and is infinitely adjustable.

### APPLICATIONS:



- + By means of the HAWLE-**VARIO** your hydrant can be exactly aligned
- + Compensates tension in the pipeline (e.g. after a valve has been replaced)
- + Adjustment of direction when installing new pipes
- + As adaptor and dismantling piece in pressure reducing stations



### TENSION LOCK:

The HAWLE-**VARIO** is **fixed in the installed position by means of the tension lock assembly**. Using the tension lock is strongly recommended under all circumstances



## ADVANTAGES WITH HAWLE-**VARIO**:

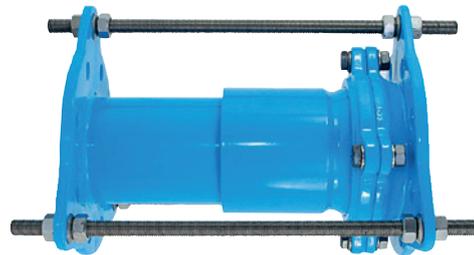
- quick and safe
- easy alignment
- full restraint assembly
- one-man operation
- flexible and uncomplicated
- shorter installation time (up to 70%)
- fewer connections
- less material
- fewer bolts

### WITHOUT HAWLE-**VARIO**



**3 parts and more!**

### INSTALLATION WITH HAWLE-**VARIO**



**1 part for all applications!**

## PRODUCT FEATURES:

- **Infinitely variable telescopic length adjustments within the given range**  
**DN 100** Short from 150-216mm  
 Long version from 216-350mm
- **Angle adjustment of  $\pm 10^\circ$**
- The HAWLE-**VARIO** is fully corrosion protected as a result of complete Epoxy coating of all vulnerable surfaces that exceeds the GSK standards
- High grade stainless steel bolts
- Operating pressure up to PN16

Time is money! Keep one HAWLE-**VARIO** of each dimension in stock in order to be able to respond quickly to situations in case of emergency.

