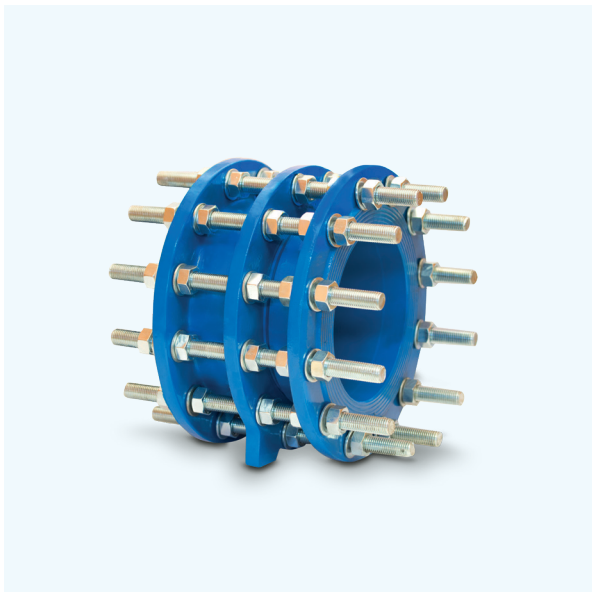


# DISMANTLING JOINT

## FAF 3900

3900



### Features

- FAF 3900 dismantling joint enables the installation of valves to pipelines due to its variable installation size and reduces the operation time.
- EPDM sealing gaskets
- Dismantling joint ceases the problem that length differences arising from expansion and contraction in pipelines to be provided by the size tolerance.
- Through its body made of ductile iron, it can resist to high-tension stresses that may occur on the pipelines.
- The body is coated with electrostatic fusion bonded epoxy (FBE) / oven backed powder epoxy coating. It has resistance to corrosion fluids.

### Temperature

- +130 °C (EPDM)

### PRODUCTION STANDARTS

DN100 → DN2000  
PN 10-16-25

Connection FLANGED EN 1092-2 ISO 7005-2

Marking EN 19

Tests EN 12266-1

Corrosion Protection Electrostatic Powder Epoxy

### Product Description

Dismantling Joints play a decisive role in the design and layout of pipelines and valves. They are an essential aid during the installation and removal of pipe sections and valves. FAF3900 Dismantling Joint provides easy installation valves to pipelines due to its variable installation size and reduces the operation time and are particularly suitable for simplifying the installation & removal of isolation valves, control valves, check valves, non-return valves, flow metering valves, pump sets, pressure reducing valves, flanged pipe & fittings.

### Versions

- Standard version with galvanized steel bolts, studs and washers
- Standard version with stainless steel bolts, studs and washers
- Custom production for specific orders

### Scope of Application

- Potable water
- Distribution Lines
- Industrial Applications
- Chamber installation
- Water treatment plants
- Pumping stations
- Seawater applications
- Industry

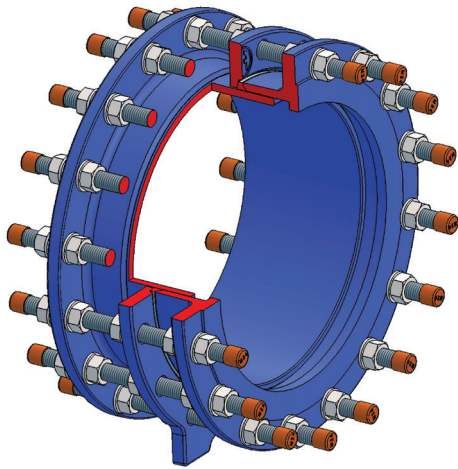
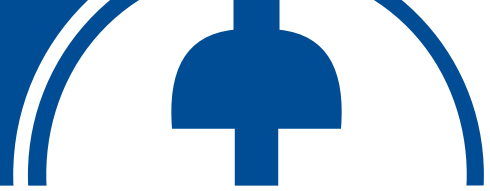
### Note

- For proper use and safety precautions please follow the installation and operating instructions.



# DISMANTLING JOINT

## FAF 3900



### MATERIAL SELECTION

**Body** EN-GJS-500 DUCTILE IRON / GGG50  
EN-GJS-400 DUCTILE IRON / GGG40

**Bolts** 8.8 - Galvanized Steel (Default)  
1.4021 - AISI 304 Stainless Steel (Optional)  
1.4401 - AISI 316 Stainless Steel (Optional)

**Sealing** EPDM

### PRODUCTS MODEL CODES

FAF3900	Dismantling Joint PN 16
FAF3910	Dismantling Joint PN 10
FAF3925	Dismantling Joint PN 25

### VALVE TEST PRESSURE (Bar)

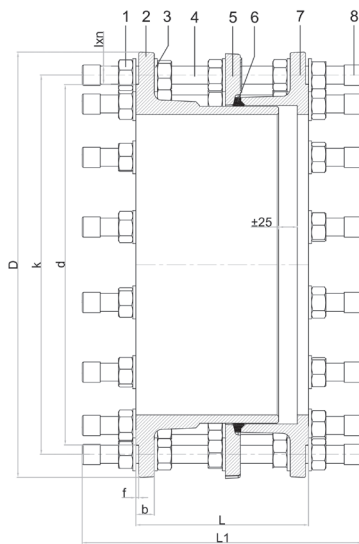
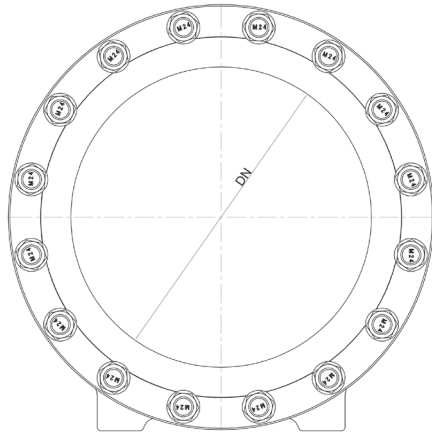
MAX. OPERATING PRESSURE	BODY / SHELL TEST	SEAT TEST
10	15	11
16	24	17,6
25	37,5	27,5

100% of the valves are subjected to hydrostatic tests at FAF facilities.

3900

# DISMANTLING JOINT FAF 3900

3900



NO	ITEM	MATERIALS
1	NUT	GALVANISED STEEL / STAINLESS
2	LONG FLANGE	EN GJS 500
3	WASHER	GALVANISED STEEL / STAINLESS
4	STUD	GALVANISED STEEL / STAINLESS
5	COMPRESSION FLANGE	EN GJS 500
6	SEALING GASKET	EPDM
7	SHORT FLANGE	EN GJS 500
8	STUD COVER	POLYMER

DN (mm)	D		K		d		Øl x n		f PN 10/16	b		L		L1		Weight (kg)	
	PN 10	PN 16	PN 10	PN 16	PN 10	PN 16	PN 10	PN 16		PN 10	PN 16	PN 10	PN 16	PN 10	PN 16	PN 10	PN 16
100	220		180		156		M16x8		3	19		200		330		20	
125	250		210		184		M16x8		3	19		200		330		25	
150	285		240		211		M20x8		3	19		200		330		32	
200	340		295		266		M20x8	M20x12	4	20		220		340		43,5	47
250	400		350	355	319		M20x12	M24x12	4	22		220	230	360	370	64	68
300	455		400	410	370		M20x12	M24x12	4	24,5		220	250	360	410	74	87
350	505	520	460	470	429		M20x16	M24x16	4	24,5	26,5	230	260	360	410	90	105
400	565	580	515	525	480		M24x16	M27x16	4	24,5	28	230	270	370	430	112	152
450	615	640	565	585	530	548	M24x20	M27x20	4	25,5	30	250	270	390	430	140	187
500	670	715	620	650	582	609	M24x20	M30x20	4	26,5	31,5	260	280	390	440	157	240
600	780	840	725	770	682	720	M27x20	M33x20	5	30	36	260	300	410	500	210	339
700	895	910	840	840	794	794	M27x24	M33x24	5	32,5	39,5	260	300	410	500	290	315
800	1015	1025	950	950	901	901	M30x24	M36x24	5	35	43	290	320	460	520	365	485
900	1115	1125	1050	1050	1001	1001	M30x28	M36x28	5	37,5	46,5	290	320	460	520	405	540
1000	1230	1255	1160	1170	1112	1112	M33x28	M39x28	5	40	50	290	340	500	560	521	725
1200		1485	1380	1390	1328	1328	M36x32	M45x32	5	45	57	320	360	520	600	900	1060



# DISMANTLING JOINT

## FAF 3900

### Advantages of Dismantling Joints

Simplify installations and replacement of flanged fittings in retrofit applications. Provides the solution for adding, repairing or replacing flanged fittings within a flanged pipe system. Adjustable, slip joint design accommodates either wide gaps or close quarter installations and eliminates the need for precise measurements between flange connections.

#### Allows For Adjustment

Simplify installations and replacement of flanged fittings in retrofit applications. Provides the solution for adding, repairing or replacing flanged fittings within a flanged pipe system. Adjustable, slip joint design accommodates either wide gaps or close quarter installations and eliminates the need for precise measurements between flange connections.

#### Easy to Install

The installation is also straightforward using just a spanner and torque wrench to tighten the high tensile steel or stainless steel tie bars. With fewer tie bars than flange holes and the tie bars acting as flange jointing bolts the process is speeded up but still offers a secure, rigid, fully end load resistant system with a pressure rating equal to that of the flange.

#### The Range

A comprehensive range is available from DN100 to DN2000 with virtually any flange drilling or pressure rating supplied, although larger sizes and custom made Dismantling Joints can be designed and built on request.

#### Safeguards

- Check flanges to make sure you are using the correct size FAF3900; also check the length of FAF3900 to make sure it will fit in the space allocated.
- Make sure no foreign materials lodge between gasket and seal.
- Avoid loose fitting wrenches, or wrenches too short to achieve proper torque.
- Keep threads free of foreign material to allow proper tightening.
- Take extra care to follow proper bolt tightening procedures and torque recommendations. Bolts are often not tightened enough when a torque wrench is not used.
- Pressure test for leaks before backfilling.
- Backfill and compact carefully around pipe and fittings.

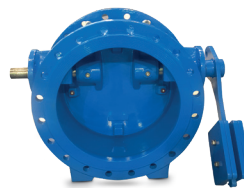
### Associated Products for Dismantling Joints Range



6000  
GATE VALVE RESILIENT  
SEATED (F4)



3800 BUTTERFLY VALVE  
FLANGED DOUBLE  
ECCENTRIC



2280  
CHECK VALVE TILTING