

MONTY Compensator PN 16 and Dismantling Piece PN 16

flange connection

JIHOMORAVSKÁ ARMATURKA spol.s r.o. **JMA**



Made out of grey cast iron.
With stuffing box seal.
Two corrosion protection kinds: synthetic coating or epoxy resin.

OFFER

MONTY	Product	Corrosion Protection	Nominal Size DN										
			40	50	65	80	100	125	150	200	250	300	
Type 001	compensator	epoxy powder coating	■	■	■	■	■	■	■	■	■	■	■
Type 002		synthetic coating	■	■	■	■	■	■	■	■	■	■	■
Type 101	dismantling piece	epoxy powder coating	■	■	■	■	■	■	■	■	■	■	■
Type 102		synthetic coating	■	■	■	■	■	■	■	■	■	■	■

Order example: MONTY type 001 DN 100

DESCRIPTION

Determination

Type 001 and 101 for permanent contact with potable and raw water at admissible working temperature up to 50 °C and working overpressure max. 1,6 MPa.

Type 002 and 102 for water and non-aggressive liquids at admissible working temperature up to 200 °C and max. working overpressure max. 1,28 MPa, up to 180 °C max. 1,34 MPa, up to 150 °C max. 1,44 MPa and up to 120 °C max. 1,6 MPa.

Application

Compensator enables axial pipe length determination (mechanical and heat dilatation changes) and reduces pipe vibration.

Dismantling piece determinates pipe length deflections, makes assembly and substitution of already built valves easier.

Compensator and dismantling piece functionality is not possible to combine into one valve.

Connecting Dimensions

Flanges drilling as per EN 1092-2, type 21, form B.
Dimensions are stated in the table overleaf.

Materials of Main Parts

Body, packing bonnet, movable and adjustable piece are made out of grey cast iron, guide-ring is made out of brass, bolts, washers and nuts are out of steel.

Corrosion Protection

Type 001 and 101 heavy surface protection, inside and outside coated with epoxy resin – blue colour.

Type 002 and 102 inside and outside primary coating, outside synthetic coating – grey colour.

Bolts, washers and nuts are hot zinc plated.

Operation

Self acting valves.

Installation and Maintenance

Install in pipe axis direction, prevent individual parts crossing.

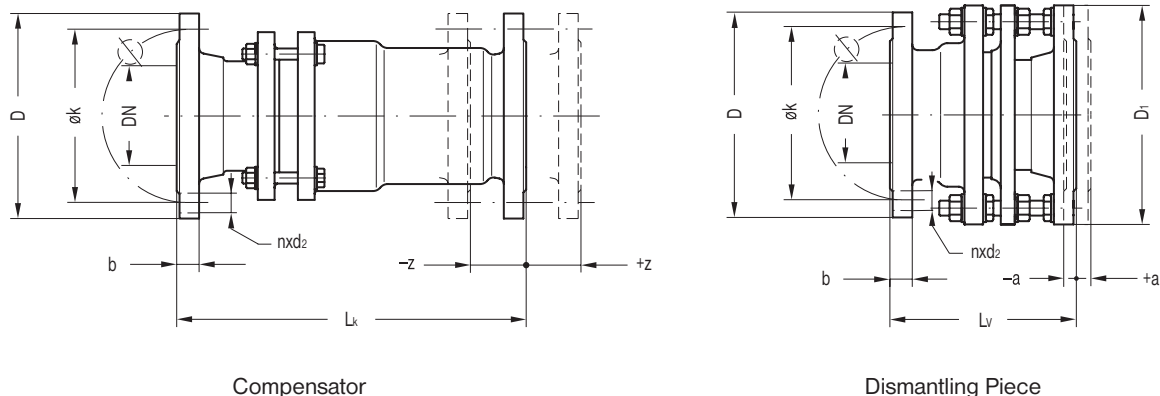
In case of gland packing leakage screw evenly packing bonnet nuts. Further details are stated in KAT 50 60-B.

Testing

Tested with water as per DIN 3230 Part 4.

Modifications are possible upon agreement.

DIMENSIONS (mm)



Nominal Size	DN	40	50	65	80	100	125	150	200	250	300
Face-to-Face	L_k	375	375	375	400	400	440	510	550	550	
	±z	50	50	50	50	50	50	75	75	75	
	L_v	160	165	175	180	200	205	210	225	250	
	±a	5	5	7	8	10	10	10	10	15	
Connecting Dimensions	b	18	20	20	22	24	26	26	30	32	
	D	150	165	185	200	220	250	285	340	405	
	D₁	165	180	200	215	235	265	300	365	430	
	d₂	19	19	19	19	19	19	23	23	28	
	k	110	125	145	160	180	210	240	295	355	
	Holes, off n	4	4	4	8	8	8	8	12	12	
Weight (kg)	Screw, size	M16	M16	M16	M16	M16	M16	M20	M20	M24	
	Compensator	11	14	18	24	32	46	63	93	127	
	Dismantling Piece	11	14	19	26	34	42	48	62	83	

L_k is face to face of compensator and can be changed of value max. ±z in operation.
 L_v is dismantling piece face to face and can be adjusted (extend or shorten) of value max. ±a at assembly.

