

Flexible connection: ROCO dismantling type



ERHARD ROCO Premium, dismantling type:

The service-friendly replacement shut-off valve for all plant and pipe network operators.

Flexibility, durability and cost-effectiveness.

Expertise –
Made in Germany.



DN 150 – 500 | PN 10 – 16

ERHARD ROCO – dismantling type

ERHARD ROCO Premium now available as dismantling type with loose flange too. The ideal replacement butterfly valve for use in plants and pipe networks. All the advantages of the ROCO Premium combined with a high-tensile loose flange produce the perfect valve for all plant and pipe network operators. Simple handling, perfect performance to investment ratio and flexibility will convince you.

The replacement butterfly valve is based on the tried and tested ERHARD ROCO Premium concept. This series has been improved still further with a large number of innovative details and is now available in nominal sizes DN 150 - 500 with loose flange.

The new dismantling concept enables operators to use their resources cost-efficiently - whether as part of a new build project or as a replacement valve for the remediation or modernisation of plants and supply networks. New investment savings of between 5% and 20% are possible, depending on the material chosen for the dismantling joints.

With the innovative solution of a replacement butterfly valve for all kinds of different users, ERHARD satisfies its claim to be a reliable system provider for all plant and pipe network operators. Attractive value for money and prompt delivery to customers through integration in the ERHARD ROCO Premium system of standardised component assembly round off the profile of the ROCO dismantling type.

Perfect solutions ensure outstanding product properties with respect to operating safety, durability and cost effectiveness. In future, time-consuming and expensive installation of dismantling joints will no longer be necessary; thanks to three times faster installation of the dismantling type butterfly valve. Whatever your purpose, the valve is used where you need it - whether as a shut-off valve in plant or as an underground pipe network valve. By mounting and fixing on the fixed flange side, the valve is installed locked and cannot inadvertently twist itself. We have applied for corresponding property rights for the valve.



Easy installation in vertical pipes. No time-consuming bolstoring of the valve during assembly, as the valve is fastened to the fixed flange during installation.

The loose flanges are movable within a specific application range (-1 mm - + 5 mm). In addition, they are connected to the valve housing with an end-load bearing joint. The construction of a dismantling type butterfly valve is defined as follows: The face-to-face dimension is produced in the direction of negative tolerance. Additional clearance results due to the omission of the flange seal on the loose flange side. The seal is integrated in the loose flange.



Figure 1 - Replacement of a gate valve with a ERHARD ROCO Premium dismantling type during inspection work on the state water supply of Baden-Württemberg.

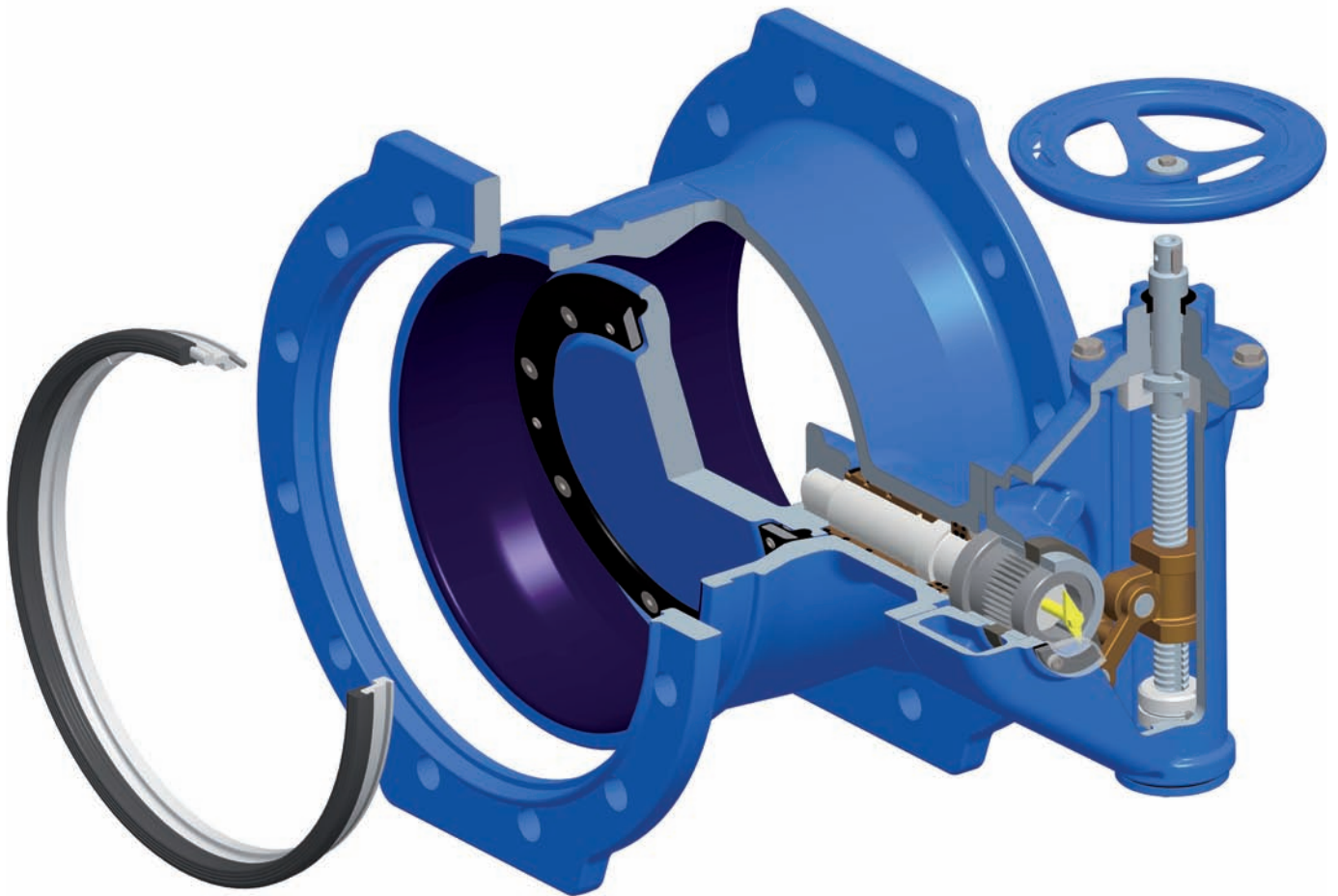


Figure 2 - Valve replacement is facilitated by pulling up the loose flange - spreading the valve flange and pipe flange to enable installation of the seal is no longer necessary.



Figure 3 - Perfect fit of the valve ensures top operability in all installation situations. It is even possible to subsequently turn the valve when it is installed.

Properties and advantages at a glance

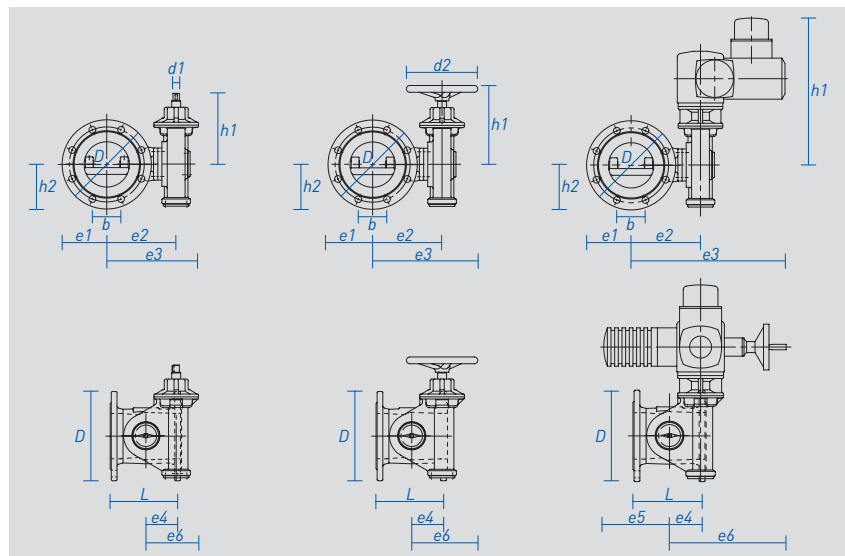
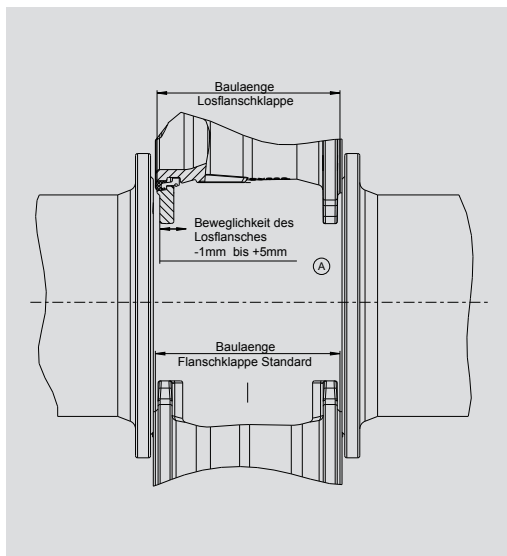


	Advantage	Property
1	The ideal butterfly valve for universal use	Basis: ROCO Premium butterfly valve
2	Practical dimensioning of the movement unit on the loose flange side	No spreading the pipe and valve for installation of the sealing ring
3	Material and labour savings	Integrated tension-proof loose flange with sealing element
4	Fast replacement when necessary	Only the valve has to be replaced, even at dismantling joints with permanently fixed stems
5	A butterfly valve for all situations	Designed for installation in plants and underground, regardless of the installation position and choice of actuator

ERHARD ROCO dismantling type. The dimensions table

DN	PN	L	D	h1	h1	h1	h2	b	e1	e2	e3	e3	e3	e4	e5	e6	e6	e6	d1	d2	G	G	G	u	
				RZ	HR	EA					RZ	HR	EA		EA	RZ	HR	EA	RZ	HR	HR	RZ	EA	HR	
ERHARD ROCO Premium																									
150	16	209 / 215	285	199	222	438	117	150	155	222	285	322	459	85	180	185	148	334	18	200	39	39	61	18	
200	10	229 / 235	340	200	222	438	118	160	180	246	309	346	483	85	180	148	185	334	18	200	51	51	73	18	
200	16	229 / 235	340	199	222	438	117	160	180	246	309	346	483	85	180	185	148	334	18	200	51	51	73	18	
250	10	249 / 255	400	200	222	438	118	180	203	270	333	370	507	85	180	148	185	334	18	200	66	66	89	25	
250	16	249 / 255	400	221	244	460	146	180	228	303	366	403	540	105	160	205	168	355	18	200	76	76	99	25	
300	10	269 / 275	455	221	244	460	146	200	253	328	391	428	565	105	160	168	205	354	18	200	95	95	118	25	
300	16	269 / 275	455	221	244	460	146	200	252	328	391	428	565	105	160	205	168	354	18	200	95	95	118	25	
350	16	289 / 295	520	287	321	528	150	225	295	392	457	517	629	105	160	230	185	354	22	250	175	175	197	29	
400	10	309 / 315	565	293	319	528	150	250	321	418	498	543	655	105	160	185	230	354	22	250	169	169	192	29	
400	16	309 / 315	580	293	321	528	150	250	320	418	498	543	655	105	160	230	185	354	22	250	182	182	205	29	
500	10	349 / 355	670	318	348	553	183	300	373	480	560	655	717	125	140	205	300	374	22	350	244	244	267	36	

Other nominal sizes and pressure ratings available on request.



Dimensions used

- L [mm] Face-to-face dimension
- D [mm] Flange
- G [kg] Weight
- u Handwheel revolutions (Open/Closed)

- RZ with round trunnion
- HR with handwheel
- EA with electric rotary actuator (dimensions can vary depending on the actuator manufacturer)

Other actuator options available on request

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