EURO 20 Type 23 motorizable and motorized - Sewage Version

The EURO 20 type 23:

- is composed of flanges with reduced face to face dimensions
- version NG : DN65-300

					PN 10		PN 16	
DN (mm)	Version	H (mm)	h (mm)	e (mm)	Mass (kg)	References	Mass (kg)	References
65	Motorizable - Adaptor F10 - Ø200 - 4 holes Ø12 on Ø102	375	254	28	20.00	RDA65PFCH	20.00	RDA65PFCH
80	Motorizable - Adaptor F10 - Ø200 - 4 holes Ø12 on Ø102	375	247	28	21.00	RDA80PFCH	21.00	RDA80PFCH
100	Motorizable - Adaptor F10 - Ø200 - 4 holes Ø12 on Ø102	435	290	32	25.00	RDB10PFCH	25.00	RDB10PFCH
125	Motorizable - Adaptor F10 - Ø200 - 4 holes Ø12 on Ø102	498	336	37	32.00	RDB12PFCH	32.00	RDB12PFCH
150	Motorizable - Adaptor F10 - Ø200 - 4 holes Ø12 on Ø102	552	370	39	40.00	RDB15PFCH	40.00	RDB15PFCH
200	Motorizable - Adaptor F14 - Ø305 - 4 holes Ø15 on Ø140	695	480	45	82.00	REB20PFBH		
250	Motorizable - Adaptor F14 - Ø305 - 4 holes Ø15 on Ø140	815	570	45	115.00	REB25PFBH		
300	Motorizable - Adaptor F14 - Ø305 - 4 holes Ø15 on Ø140	940	655	57	149.00	REB30PFBH		
350	Motorizable - Adaptor F14 - Ø305 - 4 holes Ø15 on Ø140	972	655	57	194.00	REB35PFBH		

								PN 10		PN 16	
DN (mm)	Version	D (mm)	L (mm)	Type of motor	A (mm)	B (mm)	C (mm)	Mass (kg)	References	Mass (kg)	References
65	Motorized	185	270	AUMA SA 07.5	510	514	620	39.00	RDA65PHCH	39.00	RDA65PHCH
80	Motorized	200	280	AUMA SA 07.5	517	514	620	40.00	RDA80PHCH	40.00	RDA80PHCH
100	Motorized	225	300	AUMA SA 10.1	540	536	678	48.00	RDB10PHCH	48.00	RDB10PHCH
125	Motorized	250	325	AUMA SA 10.1	552	536	736	55.00	RDB12PHCH	55.00	RDB12PHCH

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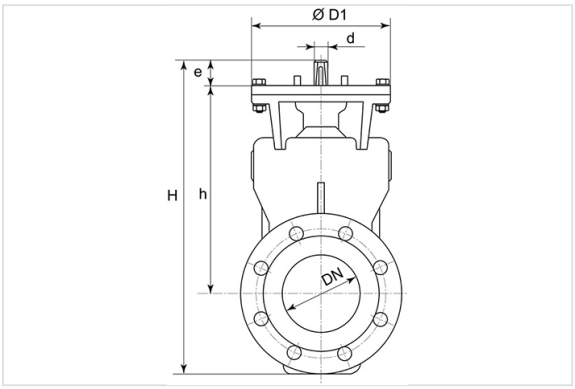
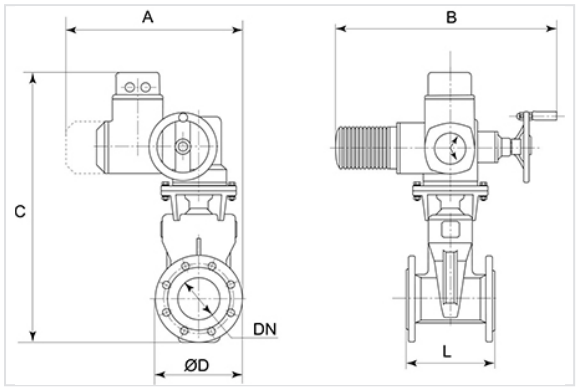
								PN 10		PN 16	
DN (mm)	Version	D (mm)	L (mm)	Type of motor	A (mm)	B (mm)	C (mm)	Mass (kg)	References	Mass (kg)	References
150	Motorized	285	350	AUMA SA 10.1	570	536	788	63.00	RDB15PHCH	63.00	RDB15PHCH
200	Motorized	340	230	AUMA SA 14.1	635	713	965	130.00	REB20PHBH		

(*) please consult us

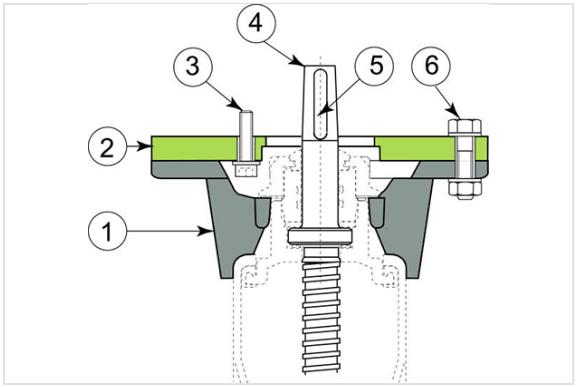
Motorizable version



Motorized version



Material and coating



Item	Designation	Material	Coating
1	Yoke - Flange	Ductile iron	Epoxy 250 microns
2	Adaptor	Carbon steel	Epoxy 250 microns
3	4 bolts CHC M10/30, 4 washers M10 / 2	Steel	Zinc plated
4	CC operating stem	Stainless steel	
5	Key	Steel	
6	4 bolts H 10/45, 8 washers M10 / 2	Steel	Zinc plated

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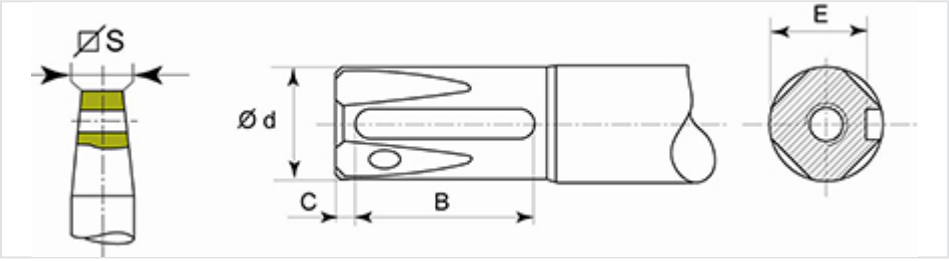
Detail of key dimensions of the operating stem (CC)



DN	Square S	d	B	C	E	Key
mm	mm	mm	mm	mm	mm	mm
65	17.3	20 f 8	28	4	16.5	6 x 6 x 28
80	17.3	20 f 8	28	4	16.5	6 x 6 x 28
100	19.3	22 f 8	36	4	18.5	6 x 6 x 36
125	19.3	22 f 8	36	4	18.5	6 x 6 x 36
150	19.3	22 f 8	36	4	18.5	6 x 6 x 36
200	24.3	28 f 8	45	5	20.0	8 x 7 x 45
250	27.3	32 f 8	50	5	27.0	10 x 8 x 50
300	27.3	32 f 8	50	5	27.0	10 x 8 x 50

Choice of the servomotor: values in Nm

DN	Nominal torque	Setting the torque switch valve closing	
mm	Nm	Initial torque in factory	Maxi torque
65	40	50	60
80	40	50	60
100	60	80	100
125	60	80	100
150	70	95	120
200	170	200	250
250	200	250	300
300	250	300	400

The nominal torque of the motor must be equal or greater than the maximum setting of the torque switch.

Closing the valve: motor stops through torque switch. Limit switch on security.

Opening the valve: motor stops through limit switch. Torque switch on security.

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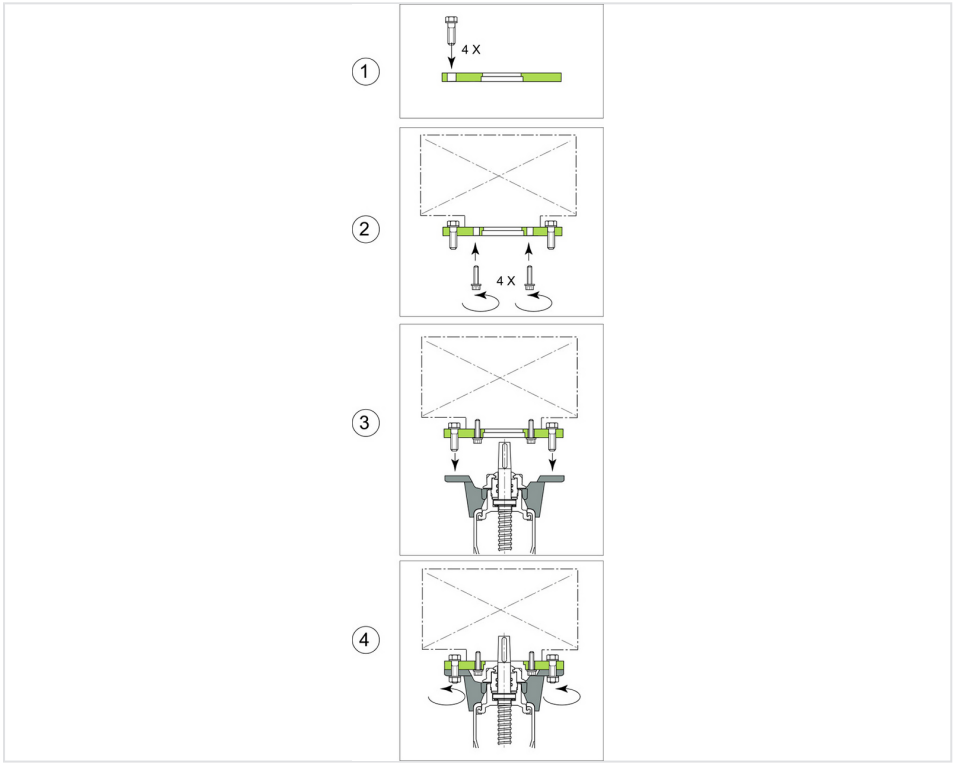
Assembly of the motor



1. Put the 4 bolts H
2. Assemble the adaptor on the motor with the 4 CHC bolts
3. Assemble the motor/adaptor on top of the operating stem of the valve
4. Tighten the bolts.

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