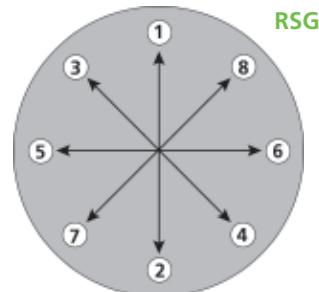


Flange gasket - Type RSG and RSG-V 4 pipes

Installation RSG

- the sealing line of flange surfaces needs to be clean, free of grooves and edges
- insert the gasket carefully between the flanges
- lubricate bolts
- insert bolts into bolt holes
- tighten screws evenly (in three steps 30% + 40% + 30%) with a torque wrench according to the tightening torque table specification below
- tighten screws crosswise according to picture on right side

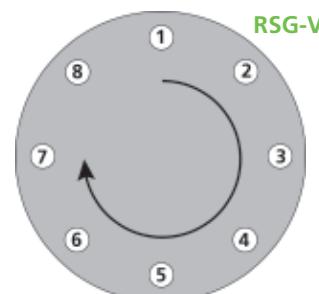
For any other installation or operation situation please contact our customer service.



Installation RSG-V

- sealing lines of flanges must be **clean and free of grooves and edges**
- extra long screws with smaller diameter might be necessary
- adjust angle of RSG-V according to misalignment of flanges by twisting sealing elements against each other
- IBC form ensures self-centering of gasket
- insert the gasket carefully between the flanges
- lubricate bolts
- insert bolts into bolt holes
- tighten screws evenly (in three steps 30% / 40% / 30%) **in circular direction (see picture)** with a **torque wrench** according to table below

For any other installation or operation situation please contact our customer service.



Important advice

Assemble gaskets just once! Don't assemble double layered gaskets!

Don't use lubricants, greases or glues for assembling gaskets!

Please ensure that producers assembling advices and personal qualifications requirements acc. DIN-EN 1591 are always respected!

DN	Torques values for flange gaskets type RSG and RSG-V Values in Newtonmeter (Nm)				
	PN 6	PN 10	PN 16	PN 25	PN 40
15	15	30	20	25	25
20	25	30	40	25	40
25	25	30	40	25	40
32	40	100	100	100	100
40	40	100	100	100	100
50	70	100	100	100	100
65	70	100	100	100	100
80	100	100	100	100	100
100	150	100	100	200	200
125	100	100	100	310	310
150	100	200	200	310	310
200	100	200	200	310	450
250	100	200	310	450	720
300	200	200	310	450	720
350	200	200	310	720	980
400	200	290	450	820	1200
450	-	290	-	-	-
500	200	290	550	820	-
600	300	420	750	1200	-
700	300	420	750	1300	-
800	350	610	960	1850	-
900	400	610	960	1850	-
1000	400	800	1300	2600	-
1200	550	1100	1200	-	-
1400	-	1400			
1600	-	1930			
1800	-	1930			
2000	-	1930			

Calculated for flanges on the basis of EN 1591-1,
considering the specific gasket values acc. to
DIN EN 13555.

Values based on friction $\mu = 0,14$ (screws lubricated).
Screw quality 5.6 or higher. Surface stress level 15 N/mm².

For PE flanges please note:

The torque value must be adjusted to the grade of the PE Flange. The torque values are approximate values, they can change under influence of various parameters such as temperature, lubrication, e.g.

Every application case has to be clarified for material by own response.

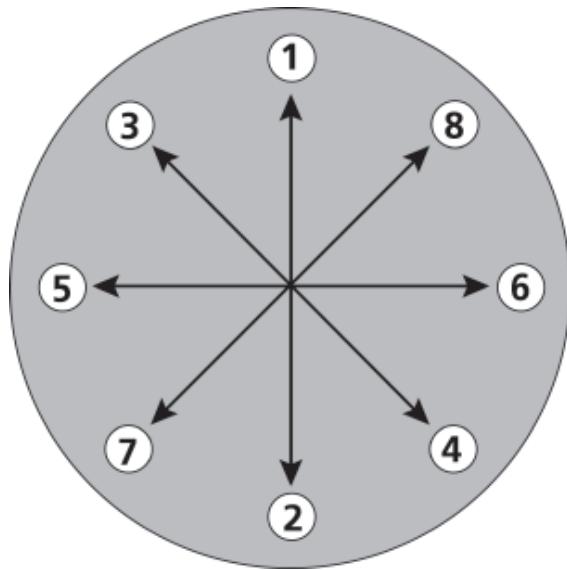
Flange Gaskets Type RFG 4 pipes

Assembling advice

- the sealing line of the flange surface needs to be clean, free of grooves and free of edges
- the flange surfaces need to be aligned
- insert 2 bolts in bolt holes for eyelets
- insert the gasket carefully between the flanges and fix the eyelets on the bolts
- lubricate bolts
- insert rest of bolts in the holes
- tighten screws evenly (in three steps 30%-40%-30%) with a torque wrench according to the tightening torque table spec. below
- tighten screws crosswise according to picture on the right hand side

Important to know

- assemble gaskets just once!
- don't assemble double layered gaskets!
- use only quality gaskets!
- don't use any lubricants, greases or glues to assemble gaskets!
- Please ensure that producers assembling advices and personal qualifications according DIN-EN 1591 are always respected!



**Torques values for flange gaskets type RFG
Values in Newtonmeter (Nm)**

DN	RFG
15	15 Nm
20	20 Nm
25	25 Nm
32	40 Nm
40	50 Nm
50	60 Nm
65	50 Nm
80	60 Nm
100	65 Nm
125	70 Nm
150	100 Nm
200	140 Nm
250	120 Nm
300	140 Nm
350	190 Nm
400	280 Nm
500	280 Nm
600	360 Nm
700	400 Nm
800	550 Nm
900	650 Nm

Values based on friction $\mu = 0,14$ (screws lubricated).
Screw quality 5.6 or higher. Surface stress level 15 N/mm².

For PE flanges please note:
The torque value must be adjusted to the grade of the PE Flange.
The torque values are approximate values, they can change under influence of various parameters such as temperature, lubrication, e.g.

Every application case has to be clarified for the material by own response of the user.