

Frese STBV VODRV

DN65-DN500



Information icon (i) → **DATA SHEET** (QR code)

Question mark icon (?) → www.frese.eu/hvac
 Phone icon → +45 58 56 00 00

Frese STBV VODRV
DN 350-DN500
DN 200-DN300
DN 65-DN150

Step 1: Installation of the valve into the pipe. Arrows indicate the flow direction. A checkmark indicates correct installation.

Step 2: Final installation of the valve. Arrows indicate the flow direction. A checkmark indicates correct installation.

Step 3: Installation of the valve into the pipe. A checkmark indicates correct installation.

Step 4: Installation of the valve into the pipe. A checkmark indicates correct installation. Dimensions: 2xDN and 5xDN.

Step 5: Installation of the valve into the pipe. A checkmark indicates correct installation. Torque values are provided for different valve sizes.

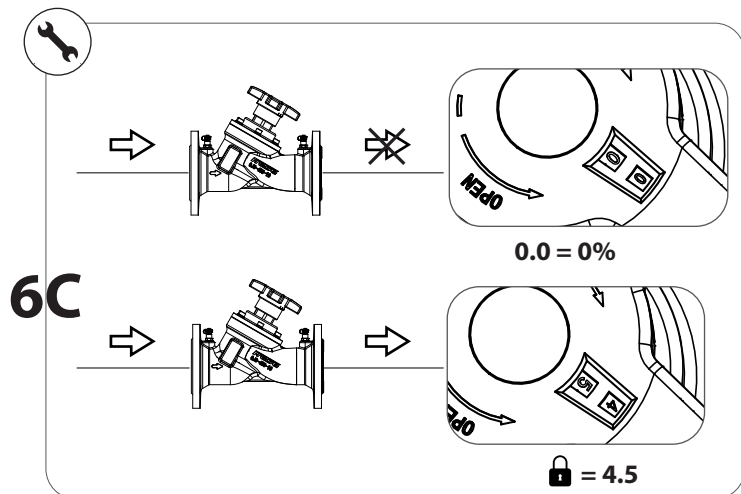
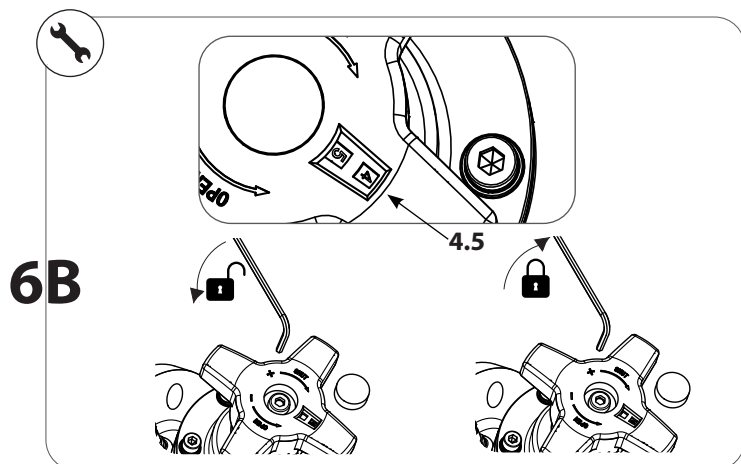
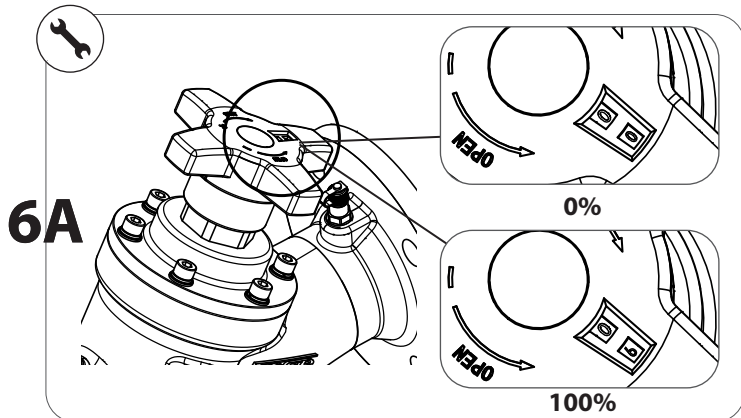
4	1	8	1	8	12	1	5
2	3	4	5	4	10	9	3
6	7	6	7	6	2	11	7

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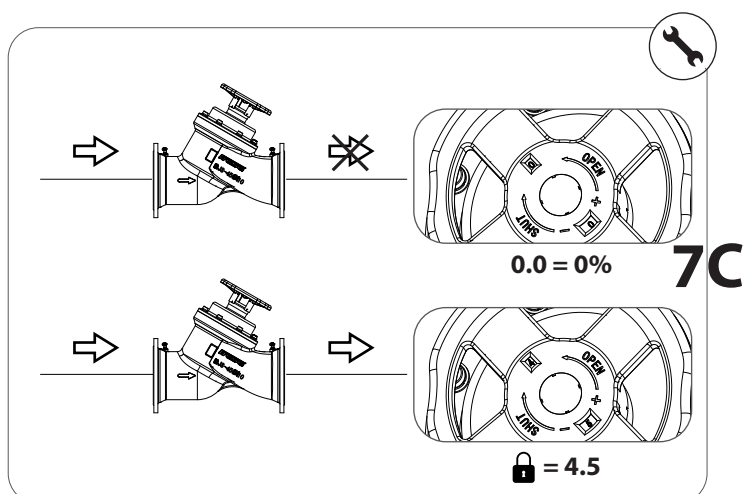
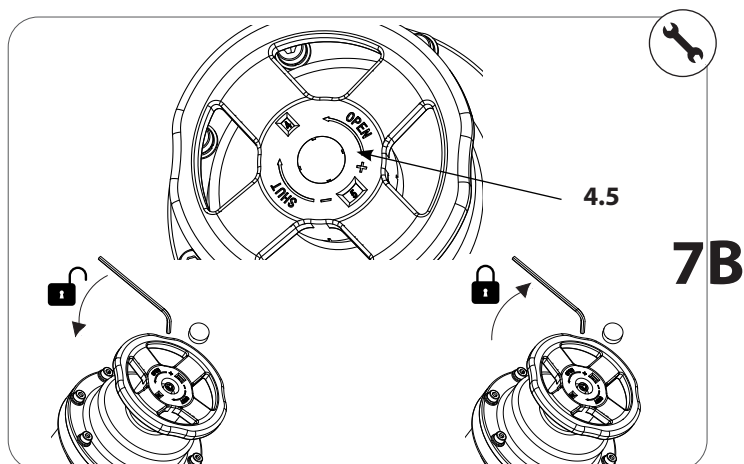
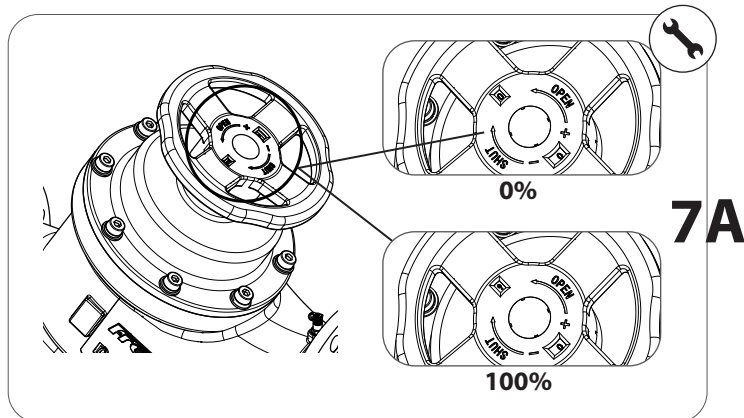
DN65-DN500



DN65-DN150



DN200-DN300

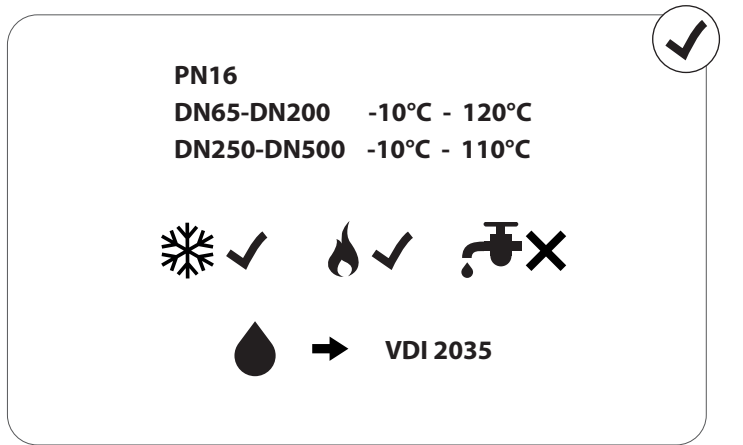
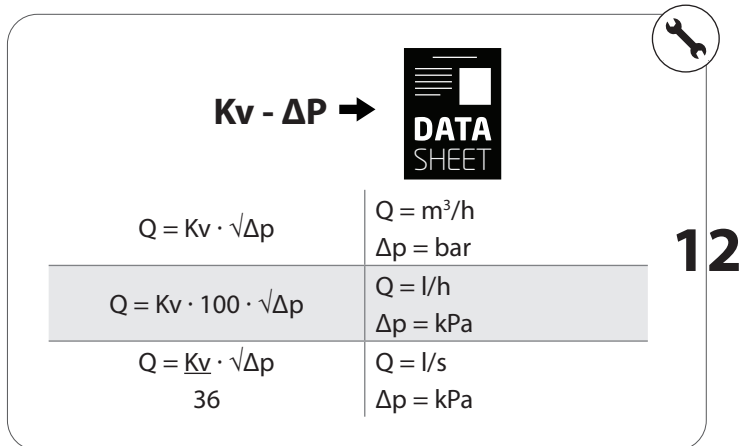
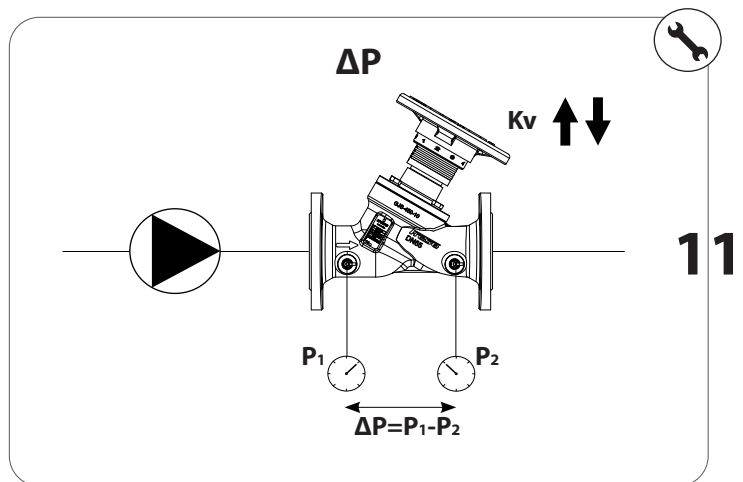
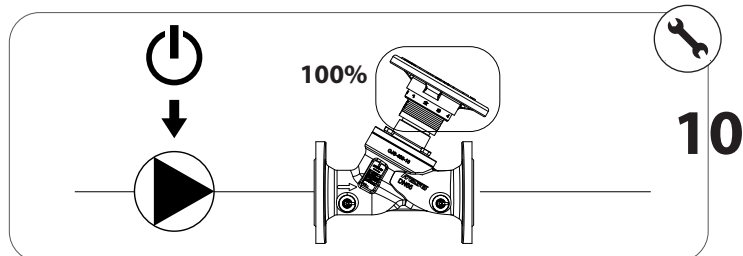
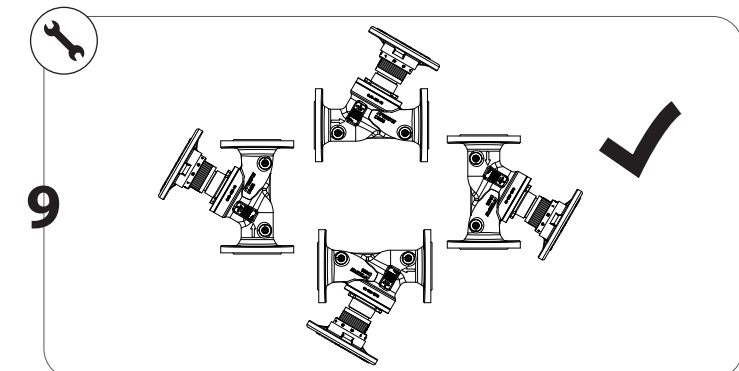
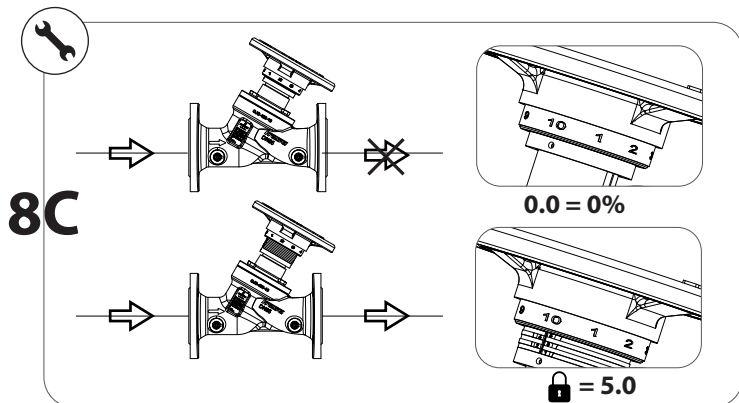
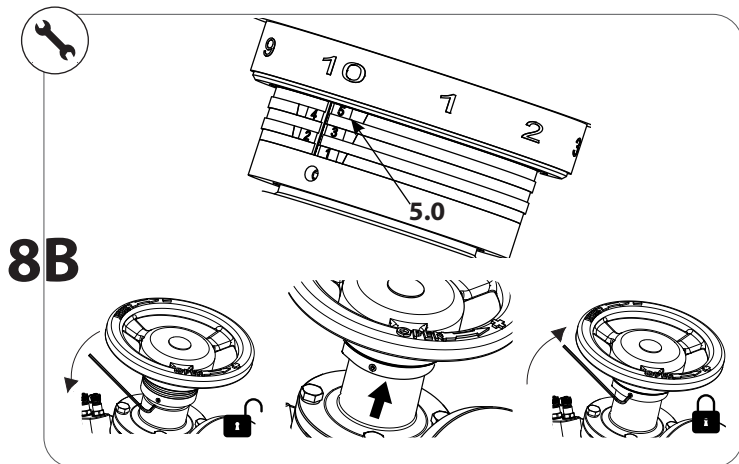
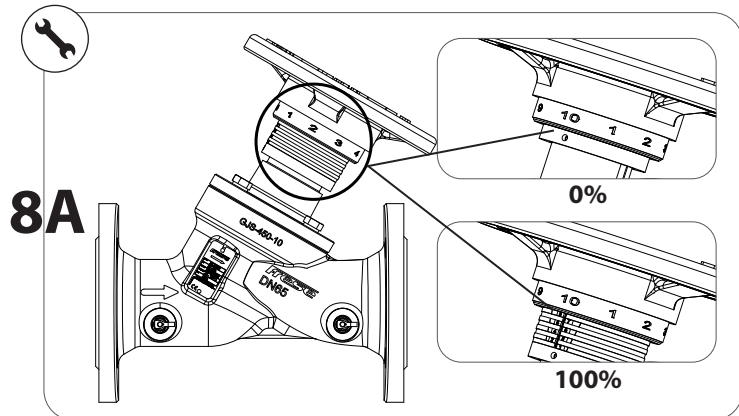


Frese STBV VODRV

DN65-DN500



DN350-DN500





Frese STBV VODRV

DN65-DN500

DN65		DN65		DN80		DN80		DN100		DN100	
Pre-set	Kv	Pre-set	Kv	Pre-set	Kv	Pre-set	Kv	Pre-set	Kv	Pre-set	Kv
0	0.00			0	0.00			0	0,00		
0.1	0.30	5.1	63.0	0.1	0.57	5.1	65.7	0.1	0,90	5.1	120
0.2	0.60	5.2	64.3	0.2	1.14	5.2	67.9	0.2	1,80	5.2	124
0.3	0.90	5.3	65.7	0.3	1.71	5.3	70.1	0.3	2,70	5.3	127
0.4	1.20	5.4	67.0	0.4	2.28	5.4	72.3	0.4	3,60	5.4	131
0.5	1.50	5.5	68.4	0.5	2.85	5.5	74.6	0.5	4,50	5.5	134
0.6	1.80	5.6	69.8	0.6	3.42	5.6	76.8	0.6	5,40	5.6	138
0.7	2.10	5.7	71.1	0.7	3.99	5.7	79.0	0.7	6,30	5.7	141
0.8	2.40	5.8	72.5	0.8	4.56	5.8	81.2	0.8	7,20	5.8	145
0.9	2.70	5.9	73.8	0.9	5.13	5.9	83.4	0.9	8,10	5.9	148
1	3.00	6	75.2	1	5.70	6	85.6	1	9,00	6	152
1.1	3.62	6.1	76.1	1.1	6.14	6.1	87.0	1.1	10,3	6.1	155
1.2	4.24	6.2	77.0	1.2	6.58	6.2	88.5	1.2	11,6	6.2	157
1.3	4.86	6.3	77.9	1.3	7.02	6.3	89.9	1.3	12,8	6.3	160
1.4	5.48	6.4	78.8	1.4	7.46	6.4	91.3	1.4	14,1	6.4	163
1.5	6.10	6.5	79.7	1.5	7.90	6.5	92.8	1.5	15,4	6.5	166
1.6	6.72	6.6	80.5	1.6	8.34	6.6	94.2	1.6	16,7	6.6	168
1.7	7.34	6.7	81.4	1.7	8.78	6.7	95.6	1.7	18,0	6.7	171
1.8	7.96	6.8	82.3	1.8	9.22	6.8	97.0	1.8	19,2	6.8	174
1.9	8.58	6.9	83.2	1.9	9.66	6.9	98.5	1.9	20,5	6.9	177
2	9.20	7	84.1	2	10.1	7	99.9	2	21,8	7	179
2.1	10.2	7.1	84.8	2.1	10.8	7.1	101	2.1	24,2	7.1	182
2.2	11.1	7.2	85.4	2.2	11.4	7.2	102	2.2	26,5	7.2	184
2.3	12.1	7.3	86.1	2.3	12.1	7.3	103	2.3	28,9	7.3	186
2.4	13.1	7.4	86.7	2.4	12.8	7.4	104	2.4	31,2	7.4	189
2.5	14.1	7.5	87.4	2.5	13.5	7.5	105	2.5	33,6	7.5	191
2.6	15.0	7.6	88.1	2.6	14.1	7.6	106	2.6	35,9	7.6	193
2.7	16.0	7.7	88.7	2.7	14.8	7.7	107	2.7	38,3	7.7	196
2.8	17.0	7.8	89.4	2.8	15.5	7.8	108	2.8	40,6	7.8	198
2.9	17.9	7.9	90.0	2.9	16.1	7.9	108	2.9	43,0	7.9	201
3	18.9	8	90.7	3	16.8	8	109	3	45,3	8	203
3.1	21.1	8.1	91.1	3.1	18.6	8.1	110	3.1	48,1	8.1	204
3.2	23.2	8.2	91.5	3.2	20.5	8.2	111	3.2	50,9	8.2	205
3.3	25.4	8.3	91.9	3.3	22.3	8.3	112	3.3	53,7	8.3	207
3.4	27.5	8.4	92.3	3.4	24.1	8.4	113	3.4	56,5	8.4	208
3.5	29.7	8.5	92.7	3.5	26.0	8.5	114	3.5	59,3	8.5	209
3.6	31.9	8.6	93.0	3.6	27.8	8.6	115	3.6	62,0	8.6	210
3.7	34.0	8.7	93.4	3.7	29.6	8.7	116	3.7	64,8	8.7	212
3.8	36.2	8.8	93.8	3.8	31.4	8.8	117	3.8	67,6	8.8	213
3.9	38.3	8.9	94.2	3.9	33.3	8.9	118	3.9	70,4	8.9	214
4	40.5	9.0	94.6	4	35.1	9.0	119	4	73,2	9.0	215
4.1	42.6			4.1	37.9			4.1	77,6		
4.2	44.7			4.2	40.8			4.2	81,9		
4.3	46.8			4.3	43.6			4.3	86,3		
4.4	48.9			4.4	46.5			4.4	90,6		
4.5	51.1			4.5	49.3			4.5	95,0		
4.6	53.2			4.6	52.1			4.6	99,4		
4.7	55.3			4.7	55.0			4.7	104		
4.8	57.4			4.8	57.8			4.8	108		
4.9	59.5			4.9	60.7			4.9	112		
5.0	61.6			5.0	63.5			5.0	117		

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DN125		DN125		DN150		DN150		DN200		DN200	
Pre-set	Kv	Pre-set	Kv	Pre-set	Kv	Pre-set	Kv	Pre-set	Kv	Pre-set	Kv
0	0,00			0	0,00			0	0,00		
0.1	0,97	5.1	165	0.1	1,41	5.1	206	0.1	4,8	5.1	404
0.2	1,94	5.2	169	0.2	2,8	5.2	210	0.2	9,7	5.2	415
0.3	2,91	5.3	172	0.3	4,2	5.3	213	0.3	14,5	5.3	427
0.4	3,88	5.4	175	0.4	5,6	5.4	216	0.4	19,4	5.4	438
0.5	4,85	5.5	178	0.5	7,1	5.5	220	0.5	24,2	5.5	450
0.6	5,82	5.6	182	0.6	8,5	5.6	223	0.6	29,0	5.6	461
0.7	6,79	5.7	185	0.7	9,9	5.7	226	0.7	33,9	5.7	473
0.8	7,76	5.8	188	0.8	11,3	5.8	229	0.8	38,7	5.8	484
0.9	8,73	5.9	192	0.9	12,7	5.9	233	0.9	43,6	5.9	496
1	9,70	6	195	1	14,1	6	236	1	48,4	6	507
1.1	10,9	6.1	199	1.1	17,0	6.1	242	1.1	55,0	6.1	517
1.2	12,1	6.2	202	1.2	19,9	6.2	247	1.2	61,5	6.2	526
1.3	13,4	6.3	206	1.3	22,8	6.3	253	1.3	68,1	6.3	536
1.4	14,6	6.4	209	1.4	25,7	6.4	258	1.4	74,6	6.4	546
1.5	15,8	6.5	213	1.5	28,6	6.5	264	1.5	81,2	6.5	556
1.6	17,0	6.6	217	1.6	31,4	6.6	270	1.6	87,8	6.6	565
1.7	18,2	6.7	220	1.7	34,3	6.7	275	1.7	94,3	6.7	575
1.8	19,5	6.8	224	1.8	37,2	6.8	281	1.8	101	6.8	585
1.9	20,7	6.9	227	1.9	40,1	6.9	286	1.9	107	6.9	594
2	21,9	7	231	2	43,0	7	292	2	114	7	604
2.1	25,0	7.1	234	2.1	48,0	7.1	298	2.1	119	7.1	613
2.2	28,1	7.2	237	2.2	53,0	7.2	304	2.2	124	7.2	621
2.3	31,2	7.3	240	2.3	58,0	7.3	309	2.3	129	7.3	630
2.4	34,3	7.4	242	2.4	63,0	7.4	315	2.4	134	7.4	638
2.5	37,4	7.5	245	2.5	68,0	7.5	321	2.5	139	7.5	647
2.6	40,4	7.6	248	2.6	73,0	7.6	327	2.6	144	7.6	656
2.7	43,5	7.7	251	2.7	78,0	7.7	333	2.7	149	7.7	664
2.8	46,6	7.8	254	2.8	83,0	7.8	338	2.8	154	7.8	673
2.9	49,7	7.9	257	2.9	88,0	7.9	344	2.9	159	7.9	681
3	52,8	8	260	3	93,0	8	350	3	164	8	690
3.1	57,4	8.1	263	3.1	98,3	8.1	355	3.1	171	8.1	699
3.2	62,1	8.2	265	3.2	104	8.2	361	3.2	179	8.2	709
3.3	66,7	8.3	268	3.3	109	8.3	366	3.3	186	8.3	718
3.4	71,4	8.4	271	3.4	114	8.4	371	3.4	194	8.4	727
3.5	76,0	8.5	274	3.5	120	8.5	377	3.5	201	8.5	737
3.6	80,6	8.6	277	3.6	125	8.6	382	3.6	208	8.6	746
3.7	85,3	8.7	280	3.7	130	8.7	387	3.7	216	8.7	755
3.8	89,9	8.8	283	3.8	135	8.8	392	3.8	223	8.8	764
3.9	94,6	8.9	286	3.9	141	8.9	398	3.9	231	8.9	774
4	99,2	9.0	289	4	146	9.0	403	4	238	9.0	783
4.1	105			4.1	152			4.1	253	9.1	790
4.2	112			4.2	157			4.2	269	9.2	797
4.3	118			4.3	163			4.3	284	9.3	804
4.4	124			4.4	169			4.4	300	9.4	811
4.5	131			4.5	175			4.5	315	9.5	817
4.6	137			4.6	180			4.6	330	9.6	824
4.7	143			4.7	186			4.7	346	9.7	831
4.8	149			4.8	192			4.8	361	9.8	838
4.9	156			4.9	197			4.9	377	9.9	845
5.0	162			5.0	203			5.0	392	10.0	852



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DN250		DN250		DN250		DN300		DN300		DN300	
Pre-set	Kv	Pre-set	Kv	Pre-set	Kv	Pre-set	Kv	Pre-set	Kv	Pre-set	Kv
0	0,00					0	0,00				
0.1	7,0	4.1	311	8.1	799	0.1	9,4	5.1	344	10.1	1043
0.2	14,0	4.2	322	8.2	812	0.2	18,7	5.2	360	10.2	1056
0.3	21,0	4.3	334	8.3	825	0.3	28,1	5.3	375	10.3	1069
0.4	28,0	4.4	345	8.4	838	0.4	37,4	5.4	391	10.4	1082
0.5	35,0	4.5	357	8.5	852	0.5	46,8	5.5	406	10.5	1095
0.6	41,9	4.6	368	8.6	865	0.6	49,1	5.6	421	10.6	1108
0.7	48,9	4.7	380	8.7	878	0.7	51,3	5.7	437	10.7	1121
0.8	55,9	4.8	391	8.8	891	0.8	53,6	5.8	452	10.8	1134
0.9	62,9	4.9	403	8.9	904	0.9	55,8	5.9	468	10.9	1147
1.0	69,9	5.0	414	9.0	917	1.0	58,1	6.0	483	11.0	1160
1.1	78,4	5.1	427	9.1	928	1.1	66,0	6.1	496	11.1	1173
1.2	86,9	5.2	439	9.2	940	1.2	73,9	6.2	510	11.2	1186
1.3	95,4	5.3	452	9.3	951	1.3	81,8	6.3	523	11.3	1199
1.4	104	5.4	465	9.4	962	1.4	89,7	6.4	536	11.4	1212
1.5	112	5.5	478	9.5	974	1.5	97,6	6.5	550	11.5	1225
1.6	121	5.6	490	9.6	985	1.6	105	6.6	563	11.6	1238
1.7	129	5.7	503	9.7	996	1.7	113	6.7	576	11.7	1251
1.8	138	5.8	516	9.8	1007	1.8	121	6.8	589	11.8	1264
1.9	146	5.9	528	9.9	1019	1.9	129	6.9	603	11.9	1277
2.0	155	6.0	541	10.0	1030	2.0	137	7.0	616	12.0	1290
2.1	164	6.1	553	10.1	1041	2.1	145	7.1	630	12.1	1303
2.2	173	6.2	565	10.2	1052	2.2	153	7.2	643	12.2	1316
2.3	182	6.3	578	10.3	1063	2.3	161	7.3	657	12.3	1329
2.4	191	6.4	590	10.4	1074	2.4	169	7.4	670	12.4	1342
2.5	200	6.5	602	10.5	1085	2.5	177	7.5	684	12.5	1355
2.6	208	6.6	614	10.6	1096	2.6	184	7.6	698	12.6	1368
2.7	217	6.7	626	10.7	1107	2.7	192	7.7	711	12.7	1381
2.8	226	6.8	639	10.8	1118	2.8	200	7.8	725	12.8	1394
2.9	235	6.9	651	10.9	1129	2.9	208	7.9	738	12.9	1407
3.0	244	7.0	663	11.0	1140	3.0	216	8.0	752	13.0	1420
3.1	250	7.1	675	11.1	1150	3.1	222	8.1	765		
3.2	255	7.2	688	11.2	1160	3.2	228	8.2	779		
3.3	261	7.3	700	11.3	1170	3.3	233	8.3	792		
3.4	266	7.4	712	11.4	1180	3.4	239	8.4	805		
3.5	272	7.5	725	11.5	1190	3.5	245	8.5	819		
3.6	277	7.6	737	11.6	1200	3.6	251	8.6	832		
3.7	283	7.7	749	11.7	1210	3.7	257	8.7	845		
3.8	288	7.8	761	11.8	1220	3.8	262	8.8	858		
3.9	294	7.9	774	11.9	1230	3.9	268	8.9	872		
4.0	299	8.0	786	12.0	1240	4.0	274	9.0	885		
						4.1	280	9.1	900		
						4.2	285	9.2	914		
						4.3	291	9.3	929		
						4.4	296	9.4	943		
						4.5	302	9.5	958		
						4.6	307	9.6	972		
						4.7	313	9.7	987		
						4.8	318	9.8	1001		
						4.9	324	9.9	1016		
						5.0	329	10.0	1030		

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DN65-DN500



DN350		DN350		DN350		DN350		DN350	
Pre-set	Kv	Pre-set	Kv	Pre-set	Kv	Pre-set	Kv	Pre-set	Kv
0	0.0								
0.1	16.9	4.1	565	8.1	959	12.1	1267	16.1	1710
0.2	33.8	4.2	578	8.2	964	12.2	1279	16.2	1723
0.3	50.7	4.3	590	8.3	969	12.3	1290	16.3	1737
0.4	67.6	4.4	603	8.4	975	12.4	1301	16.4	1751
0.5	84.5	4.5	615	8.5	980	12.5	1312	16.5	1764
0.6	101	4.6	628	8.6	985	12.6	1324	16.6	1778
0.7	118	4.7	641	8.7	990	12.7	1335	16.7	1791
0.8	135	4.8	653	8.8	995	12.8	1346	16.8	1805
0.9	152	4.9	666	8.9	1000	12.9	1358	16.9	1819
1.0	169	5.0	678	9.0	1006	13.0	1369	17.0	1832
1.1	182	5.1	688	9.1	1008	13.1	1377	17.1	1842
1.2	195	5.2	698	9.2	1010	13.2	1385	17.2	1853
1.3	208	5.3	708	9.3	1012	13.3	1393	17.3	1863
1.4	221	5.4	718	9.4	1015	13.4	1401	17.4	1874
1.5	234	5.5	728	9.5	1017	13.5	1409	17.5	1884
1.6	246	5.6	738	9.6	1019	13.6	1416	17.6	1894
1.7	259	5.7	748	9.7	1021	13.7	1424	17.7	1905
1.8	272	5.8	758	9.8	1024	13.8	1432	17.8	1915
1.9	285	5.9	768	9.9	1026	13.9	1440	17.9	1925
2.0	298	6.0	778	10.0	1028	14.0	1448	18.0	1936
2.1	312	6.1	787	10.1	1038	14.1	1460	18.1	1950
2.2	325	6.2	796	10.2	1047	14.2	1473	18.2	1965
2.3	338	6.3	805	10.3	1057	14.3	1485	18.3	1980
2.4	352	6.4	814	10.4	1066	14.4	1497	18.4	1995
2.5	365	6.5	824	10.5	1076	14.5	1509	18.5	2010
2.6	379	6.6	833	10.6	1085	14.6	1522	18.6	2025
2.7	392	6.7	842	10.7	1094	14.7	1534	18.7	2040
2.8	406	6.8	851	10.8	1104	14.8	1546	18.8	2055
2.9	419	6.9	861	10.9	1113	14.9	1558	18.9	2070
3.0	433	7.0	870	11.0	1123	15.0	1571	19.0	2085
3.1	445	7.1	878	11.1	1136	15.1	1583		
3.2	457	7.2	887	11.2	1149	15.2	1596		
3.3	469	7.3	895	11.3	1163	15.3	1608		
3.4	481	7.4	903	11.4	1176	15.4	1621		
3.5	493	7.5	912	11.5	1189	15.5	1633		
3.6	505	7.6	920	11.6	1203	15.6	1646		
3.7	517	7.7	929	11.7	1216	15.7	1659		
3.8	529	7.8	937	11.8	1229	15.8	1671		
3.9	541	7.9	945	11.9	1243	15.9	1684		
4.0	552	8.0	954	12.0	1256	16.0	1696		

Frese STBV VODRV

DN65-DN500



DN400		DN400		DN400		DN400		DN400	
Pre-set	Kv	Pre-set	Kv	Pre-set	Kv	Pre-set	Kv	Pre-set	Kv
0	0.0								
0.1	23.2	4.1	680	8.1	1084	12.1	1283	16.1	1803
0.2	46.5	4.2	693	8.2	1088	12.2	1296	16.2	1818
0.3	69.7	4.3	706	8.3	1092	12.3	1310	16.3	1833
0.4	93.0	4.4	719	8.4	1096	12.4	1323	16.4	1847
0.5	116	4.5	732	8.5	1100	12.5	1336	16.5	1862
0.6	139	4.6	745	8.6	1104	12.6	1349	16.6	1877
0.7	163	4.7	759	8.7	1108	12.7	1363	16.7	1891
0.8	186	4.8	772	8.8	1112	12.8	1376	16.8	1906
0.9	209	4.9	785	8.9	1117	12.9	1389	16.9	1921
1.0	232	5.0	798	9.0	1121	13.0	1402	17.0	1936
1.1	248	5.1	808	9.1	1123	13.1	1415	17.1	1951
1.2	263	5.2	819	9.2	1125	13.2	1428	17.2	1967
1.3	278	5.3	830	9.3	1128	13.3	1441	17.3	1982
1.4	293	5.4	840	9.4	1130	13.4	1454	17.4	1998
1.5	308	5.5	851	9.5	1132	13.5	1467	17.5	2013
1.6	323	5.6	862	9.6	1135	13.6	1480	17.6	2029
1.7	338	5.7	872	9.7	1137	13.7	1493	17.7	2044
1.8	353	5.8	883	9.8	1139	13.8	1506	17.8	2060
1.9	369	5.9	894	9.9	1142	13.9	1519	17.9	2075
2.0	384	6.0	904	10.0	1144	14.0	1532	18.0	2091
2.1	398	6.1	913	10.1	1147	14.1	1546	18.1	2101
2.2	412	6.2	923	10.2	1150	14.2	1559	18.2	2110
2.3	427	6.3	932	10.3	1153	14.3	1572	18.3	2120
2.4	441	6.4	941	10.4	1156	14.4	1586	18.4	2130
2.5	455	6.5	950	10.5	1159	14.5	1599	18.5	2140
2.6	470	6.6	960	10.6	1162	14.6	1613	18.6	2150
2.7	484	6.7	969	10.7	1165	14.7	1626	18.7	2160
2.8	499	6.8	978	10.8	1169	14.8	1640	18.8	2169
2.9	513	6.9	987	10.9	1172	14.9	1653	18.9	2179
3.0	527	7.0	996	11.0	1175	15.0	1666	19.0	2189
3.1	541	7.1	1005	11.1	1184	15.1	1679		
3.2	555	7.2	1013	11.2	1194	15.2	1691		
3.3	569	7.3	1021	11.3	1203	15.3	1703		
3.4	583	7.4	1030	11.4	1213	15.4	1715		
3.5	597	7.5	1038	11.5	1222	15.5	1727		
3.6	611	7.6	1046	11.6	1232	15.6	1740		
3.7	625	7.7	1055	11.7	1241	15.7	1752		
3.8	639	7.8	1063	11.8	1251	15.8	1764		
3.9	653	7.9	1071	11.9	1260	15.9	1776		
4.0	667	8.0	1080	12.0	1270	16.0	1789		



Frese STBV VODRV

DN65-DN500

DN450		DN450		DN450		DN450		DN450	
Pre-set	Kv	Pre-set	Kv	Pre-set	Kv	Pre-set	Kv	Pre-set	Kv
0	0.0								
0.1	25.5	4.1	746	8.1	1284	12.1	1580	16.1	1986
0.2	50.9	4.2	760	8.2	1290	12.2	1582	16.2	2003
0.3	76.4	4.3	774	8.3	1296	12.3	1583	16.3	2020
0.4	102	4.4	788	8.4	1302	12.4	1584	16.4	2037
0.5	127	4.5	802	8.5	1307	12.5	1586	16.5	2054
0.6	153	4.6	816	8.6	1313	12.6	1587	16.6	2072
0.7	178	4.7	830	8.7	1319	12.7	1588	16.7	2089
0.8	204	4.8	844	8.8	1324	12.8	1590	16.8	2106
0.9	229	4.9	858	8.9	1330	12.9	1591	16.9	2123
1.0	255	5.0	872	9.0	1336	13.0	1592	17.0	2140
1.1	269	5.1	887	9.1	1347	13.1	1607	17.1	2158
1.2	284	5.2	903	9.2	1357	13.2	1621	17.2	2176
1.3	299	5.3	918	9.3	1368	13.3	1635	17.3	2195
1.4	314	5.4	933	9.4	1379	13.4	1649	17.4	2213
1.5	328	5.5	948	9.5	1389	13.5	1663	17.5	2231
1.6	343	5.6	963	9.6	1400	13.6	1678	17.6	2249
1.7	358	5.7	978	9.7	1411	13.7	1692	17.7	2267
1.8	373	5.8	993	9.8	1421	13.8	1706	17.8	2286
1.9	387	5.9	1008	9.9	1432	13.9	1720	17.9	2304
2.0	402	6.0	1023	10.0	1443	14.0	1734	18.0	2322
2.1	418	6.1	1035	10.1	1454	14.1	1741	18.1	2342
2.2	435	6.2	1047	10.2	1466	14.2	1748	18.2	2363
2.3	451	6.3	1059	10.3	1477	14.3	1755	18.3	2383
2.4	467	6.4	1071	10.4	1489	14.4	1762	18.4	2404
2.5	484	6.5	1083	10.5	1500	14.5	1769	18.5	2424
2.6	500	6.6	1094	10.6	1512	14.6	1776	18.6	2445
2.7	516	6.7	1106	10.7	1523	14.7	1783	18.7	2465
2.8	533	6.8	1118	10.8	1535	14.8	1790	18.8	2485
2.9	549	6.9	1130	10.9	1546	14.9	1797	18.9	2506
3.0	565	7.0	1142	11.0	1558	15.0	1804	19.0	2526
3.1	582	7.1	1156	11.1	1560	15.1	1821		
3.2	599	7.2	1169	11.2	1562	15.2	1837		
3.3	615	7.3	1183	11.3	1564	15.3	1854		
3.4	632	7.4	1197	11.4	1566	15.4	1870		
3.5	649	7.5	1210	11.5	1568	15.5	1887		
3.6	665	7.6	1224	11.6	1570	15.6	1903		
3.7	682	7.7	1238	11.7	1572	15.7	1919		
3.8	699	7.8	1251	11.8	1575	15.8	1936		
3.9	715	7.9	1265	11.9	1577	15.9	1952		
4.0	732	8.0	1279	12.0	1579	16.0	1969		



Frese STBV VODRV

DN65-DN500

DN500		DN500		DN500		DN500		DN500	
Pre-set	Kv	Pre-set	Kv	Pre-set	Kv	Pre-set	Kv	Pre-set	Kv
0	0.0								
0.1	32.2	4.1	1011	8.1	1618	12.1	1941	16.1	2744
0.2	64.3	4.2	1031	8.2	1627	12.2	1961	16.2	2764
0.3	96.5	4.3	1050	8.3	1637	12.3	1980	16.3	2784
0.4	129	4.4	1070	8.4	1646	12.4	1999	16.4	2804
0.5	161	4.5	1090	8.5	1655	12.5	2019	16.5	2824
0.6	193	4.6	1109	8.6	1664	12.6	2038	16.6	2844
0.7	225	4.7	1129	8.7	1674	12.7	2057	16.7	2864
0.8	257	4.8	1149	8.8	1683	12.8	2077	16.8	2884
0.9	289	4.9	1169	8.9	1692	12.9	2096	16.9	2904
1.0	322	5.0	1188	9.0	1701	13.0	2116	17.0	2924
1.1	346	5.1	1206	9.1	1706	13.1	2135	17.1	2945
1.2	370	5.2	1224	9.2	1712	13.2	2154	17.2	2967
1.3	395	5.3	1242	9.3	1717	13.3	2173	17.3	2988
1.4	419	5.4	1260	9.4	1722	13.4	2192	17.4	3010
1.5	443	5.5	1278	9.5	1727	13.5	2211	17.5	3031
1.6	468	5.6	1296	9.6	1732	13.6	2230	17.6	3052
1.7	492	5.7	1314	9.7	1738	13.7	2249	17.7	3074
1.8	517	5.8	1332	9.8	1743	13.8	2268	17.8	3095
1.9	541	5.9	1349	9.9	1748	13.9	2287	17.9	3117
2.0	565	6.0	1367	10.0	1753	14.0	2306	18.0	3138
2.1	587	6.1	1381	10.1	1757	14.1	2326	18.1	3163
2.2	609	6.2	1394	10.2	1760	14.2	2346	18.2	3187
2.3	631	6.3	1408	10.3	1764	14.3	2365	18.3	3211
2.4	653	6.4	1421	10.4	1767	14.4	2385	18.4	3235
2.5	675	6.5	1435	10.5	1771	14.5	2405	18.5	3260
2.6	696	6.6	1448	10.6	1775	14.6	2425	18.6	3284
2.7	718	6.7	1462	10.7	1778	14.7	2444	18.7	3308
2.8	740	6.8	1475	10.8	1782	14.8	2464	18.8	3333
2.9	762	6.9	1489	10.9	1785	14.9	2484	18.9	3357
3.0	784	7.0	1502	11.0	1789	15.0	2503	19.0	3381
3.1	805	7.1	1513	11.1	1802	15.1	2525		
3.2	825	7.2	1523	11.2	1815	15.2	2547		
3.3	846	7.3	1534	11.3	1829	15.3	2569		
3.4	867	7.4	1545	11.4	1842	15.4	2591		
3.5	887	7.5	1556	11.5	1855	15.5	2613		
3.6	908	7.6	1566	11.6	1869	15.6	2635		
3.7	929	7.7	1577	11.7	1882	15.7	2657		
3.8	950	7.8	1588	11.8	1895	15.8	2679		
3.9	970	7.9	1598	11.9	1908	15.9	2701		
4.0	991	8.0	1609	12.0	1922	16.0	2723		

Frese STBV VODRV

DN65-DN500



EN Safety Instructions:

The manufacturer is not liable for any damage resulting from use other than in the designated application. Such risk lies entirely with the user. Observance of the mounting instructions is considered as part of the product designated use.

DE Sicherheitsanleitung:

Der Hersteller übernimmt keine Haftung für Schäden, die aus nicht verwendungszweck-bezogener Handhabung resultieren. Diese Risiken liegen ausschliesslich bei dem Anwender. Die Berücksichtigung dieser Montageanleitung ist als Teil des Verwendungszweckes des Produkts anzusehen.

DA Sikkerhedsinstruktion:

Fabrikanten forholder sig ikke ansvarlig for nogen form for skade forvoldt ved anden brug end den angivende applikation. Sådanne risici forbeholdes udelukkende brugeren. Det er vigtigt at overholde montagevejledningerne for at sikre korrekt anvendelse af produktet.

ES Instrucciones de seguridad:

El fabricante no se responsabiliza de ningún daño resultante del uso del producto que no sea en la aplicación aquí designada. Tal riesgo recae completamente en el usuario. El cumplimiento de estas instrucciones de montaje, se considera parte del uso designado del producto.

FR Sécurité de montage:

Le producteur décline toute responsabilité pour tout dommage résultant de l'emploi étranger au domaine spécifié. La responsabilité du fait de l'installation et du maniement passe au propriétaire ou à l'exploitant au moment de la réception de la marchandise. L'observation des instructions de montage est à considérer comme une partie de l'utilisation appropriée de nos produits.

PL Instrukcja bezpieczeństwa:

Producent nie ponosi odpowiedzialności za jakiegokolwiek szkody wynikające z zastosowania innego niż zgodnego z przeznaczeniem. Takie ryzyko spoczywa wyłącznie na użytkowniku. Przestrzeganie instrukcji montażu jest nieodzowne dla spełnienia wymogu użytkowania zgodnego z przeznaczeniem produktu.

SK Bezpečnostné pokyny :

Výrobca nezodpovedá za škody spôsobené iným ako určeným použitím. Za riziko akýchkoľvek škôd spôsobených iným ako výrobcom určeným použitím zodpovedá výhradne používateľ. Dodržanie pokynov pre montáž je považované za súčasť určeného použitia.

CS Bezpečnostní upozornění:

Výrobce neodpovídá za žádné škody na zařízení, zdraví či majetku způsobené jiným než určeným použitím výrobku. Toto riziko nese výhradně uživatel. Dodržení montážního návodu je považováno za nedílnou součást určeného použití výrobku.

ZH 安全使用说明:

因非指定应用而造成的任何损坏，制造商不承担责任。遵守安全使用说明被认为是产品指定用途的一部分。

EL Οδηγίες ασφαλείας:

Ο κατασκευαστής δεν ευθύνεται για τυχόν ζημιές που οφείλονται σε χρήση εκτός της καθορισμένης εφαρμογής. Ο κίνδυνος αυτός βαρύνει αποκλειστικά το χρήστη. Η τήρηση των οδηγιών εγκατάστασης αποτελεί προϋπόθεση της καθορισμένης χρήσης του προϊόντος.

NL Veiligheidsinstructies:

De fabrikant is niet verantwoordelijk voor eventuele schade als gevolg van gebruik anders dan de aangewezen toepassing. Bij dergelijk gebruik ligt het risico volledig bij de gebruiker. Naleving van de montage-instructies wordt beschouwd als onderdeel van het gebruik van het product.

RU Инструкции по технике безопасности:

Производитель не несет ответственности за любой ущерб, причиненный в результате нецелевого использования продукта. В случае нецелевого использования продукта всю ответственность за любой ущерб несет покупатель. Соблюдение инструкций по монтажу является неотъемлемой частью целевого использования продукта.

AR تعليمات الأمان:

الشركة المصنعة غير مسؤولة عن أي ضرر ناتج عن استخدام آخر غير الإستعمال المحدد. هذا الخطر يكمن تماماً مع المستخدم مع مراعاة تعليمات التركيب والتي تعتبر جزء من استخدام المنتج المحدد.

TR Güvenlik talimatları:

Üretici, belirlenen uygulama dışındaki kullanımlardan kaynaklanan herhangi bir hasarlardan sorumlu değildir. Bu risk tamamen kullanıcıya aittir. Montaj talimatlarının dikkate alınması, ürünün belirlenen kullanımının bir parçası olarak kabul edilir.

HI सुरक्षा के नरिदेश:

नरिमाता नामति आवेदन के अलावा उपयोग से होने वाले किसी भी नुकसान के लरि, नरिमाता जमिमेदार नहीं है। इस तरह के जोखमि पूरी तरह से उपयोगकर्ता के साथ नरिहति है। नरिमाता द्वारा दरि गए नरिदेशो का पालन करना उपयोगकर्ता की जमिमेदारी का हरिसिमा माना जाता है।