

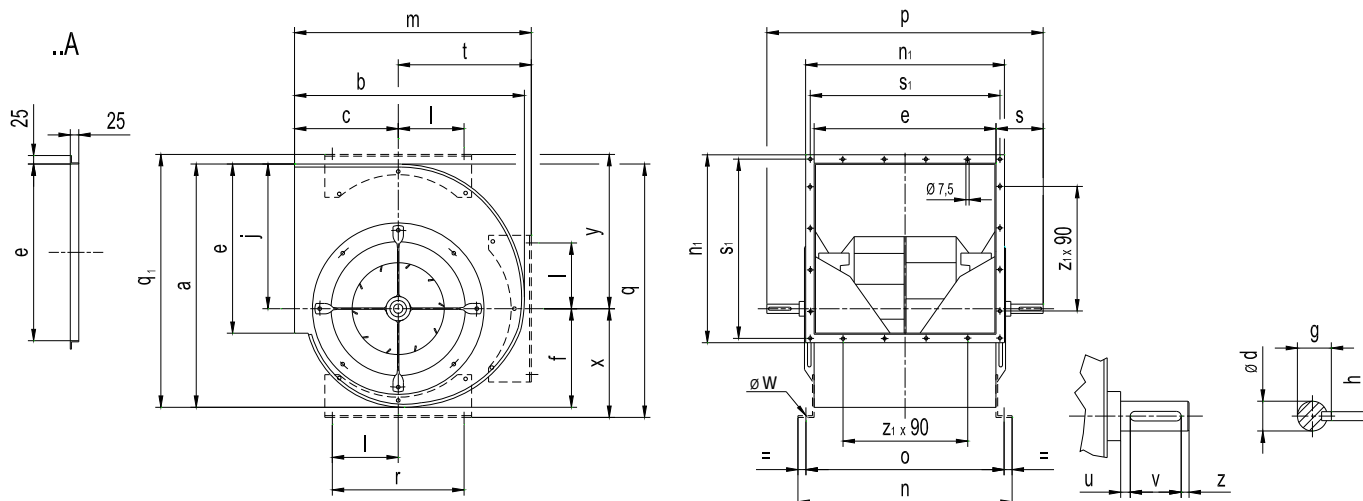
7. Fan dimensions

7. Ventilatorabmessungen

7. Dimensions

7. Dimensioni

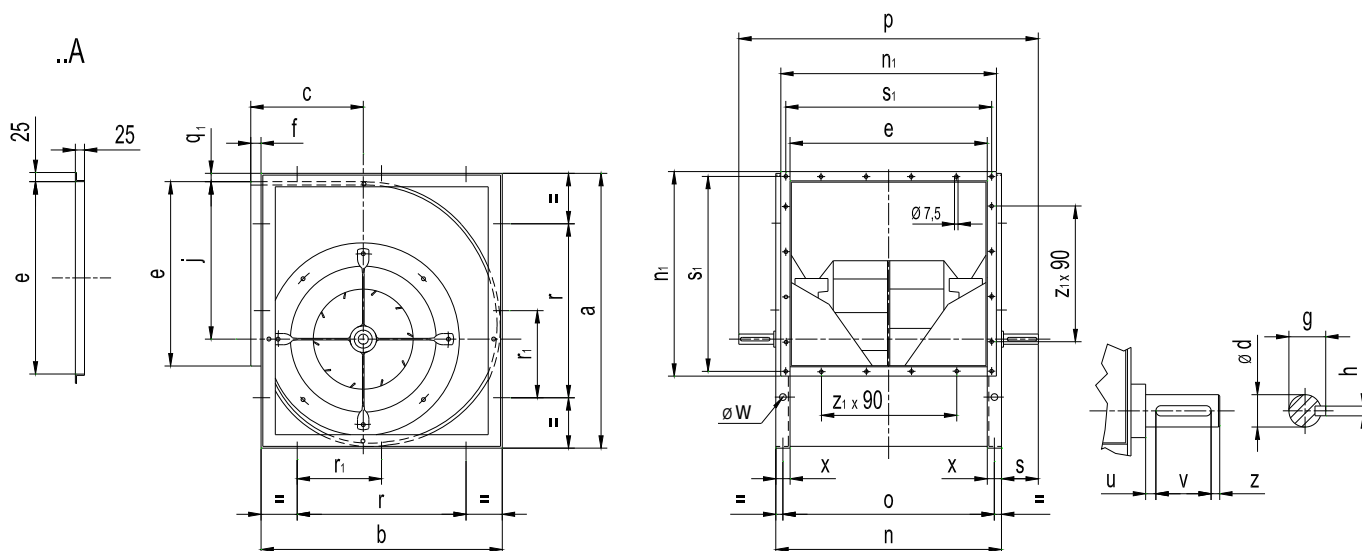
7.1. NTHZ 315 ÷ 710 B



	a	b	c	ød	e	f	g	h	j	l	m	n	n ₁	o
NTHZ 315	573	516	236	25	404	233	28	8	341	140	516	464	454	434
NTHZ 355	646	576	261	30	453	262	33	8	384	177,5	581	533	503	493
NTHZ 400	726	645	291	30	507	296	33	8	432	177,5	649	587	557	547
NTHZ 450	818	722	322	35	569	332	38	10	486	225	729	649	619	609
NTHZ 500	908	795	352	35	638	368	38	10	540	225	800	718	688	678
NTHZ 560	1017	887	390	40	715	412	43	12	606	250	892	815	765	765
NTHZ 630	1144	993	434	40	801	463	43	12	681	280	1005	901	851	851
NTHZ 710	1287	1114	485	50	898	521	53,5	14	767	315	1121	1018	948	958

	p	q	q ₁	r	s	s ₁	t	u	v	z	x	y	øw	z ₁
NTHZ 315	585	600	600	280	90	434	280	5	40	5	258	367	10,5	4
NTHZ 355	655	657	672	355	101	483	319	7	40	10	273	410	10,5	4
NTHZ 400	709	733	757	355	101	537	358	7	40	10	301	461	10,5	5
NTHZ 450	810	823	850	450	121	599	407	11	50	10	337	519	12	6
NTHZ 500	875	915	936	450	119	668	448	9	50	10	375	568	12	6
NTHZ 560	1000	1022	1046	500	143	745	502	10	70	10	416	634	15	7
NTHZ 630	1090	1049	1170	560	145	831	571	12	70	10	468	707	15	8
NTHZ 710	1220	1298	1318	630	161	928	636	16	80	10	531	797	17	9

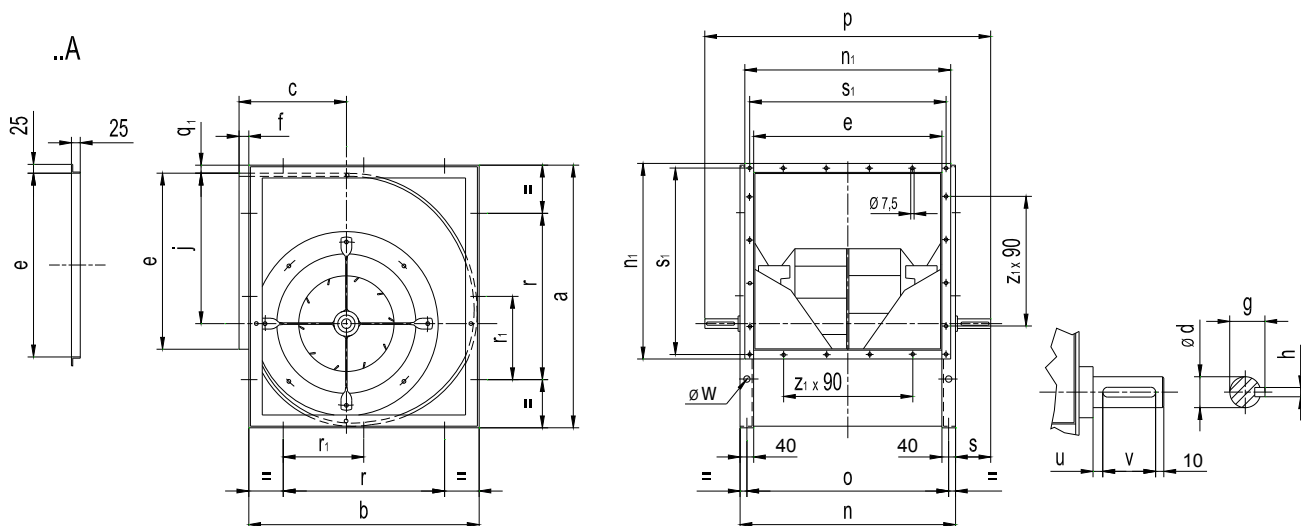
7.2. NTHZ 315 ÷ 710 R



	a	b	c	ød	e	f	g	h	j	n	n ₁	o
NTHZ 315	578	480	236	25	404	39	28	8	341	464	454	434
NTHZ 355	655	542	261	30	453	39	33	8	384	533	503	493
NTHZ 400	736	606	291	30	507	45	33	8	432	587	557	547
NTHZ 450	828	674	322	35	569	52	38	10	486	649	619	609
NTHZ 500	918	744	352	35	638	56	38	10	540	718	688	678
NTHZ 560	1030	838	390	40	715	54	43	12	606	815	765	765
NTHZ 630	1158	936	434	40	801	62	43	12	681	901	851	851
NTHZ 710	1304	1048	485	50	898	71	53,5	14	767	998	948	958

	p	r	r ₁	s	s ₁	u	v	z	x	q ₁	φw	z ₁
NTHZ 315	585	280	-	61	434	5	40	5	30	3	10	4
NTHZ 355	655	355	-	61	483	7	40	10	40	5	10	4
NTHZ 400	709	355	178	61	537	7	40	10	40	4	10	5
NTHZ 450	810	450	225	81	599	11	50	10	40	6	12	6
NTHZ 500	875	450	225	79	668	9	50	10	40	4	12	6
NTHZ 560	1000	500	250	93	745	10	70	10	50	6	15	7
NTHZ 630	1090	560	280	95	831	12	70	10	50	7	15	8
NTHZ 710	1220	630	315	111	928	16	80	10	50	7	18	9

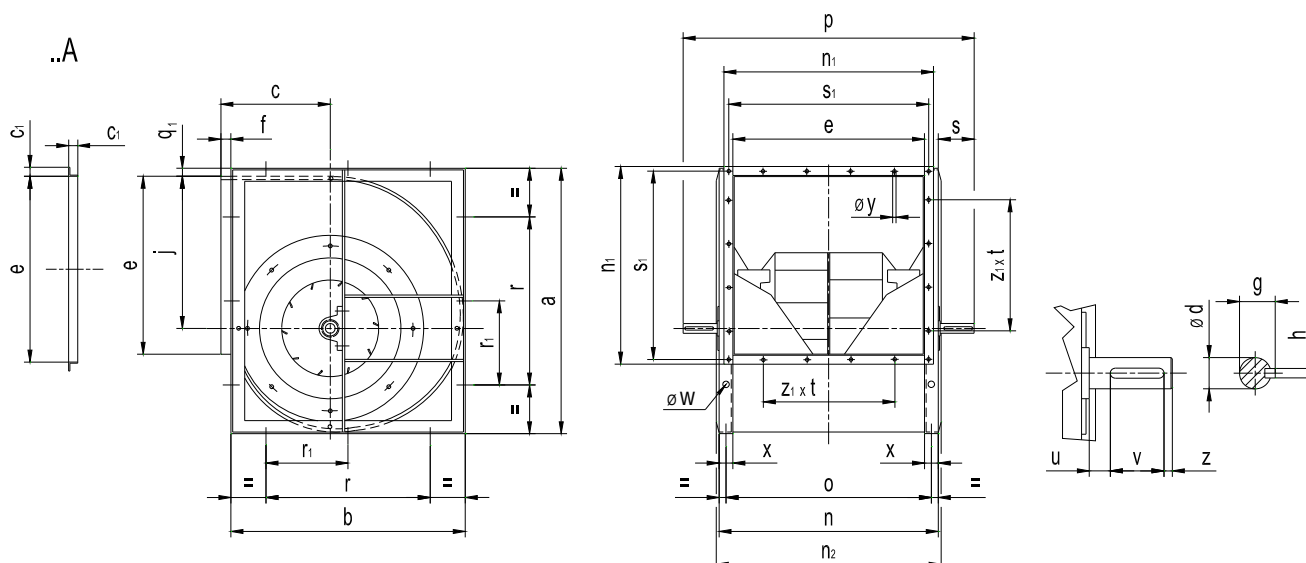
7.3. NTHZ 400 ÷ 500 T2L



	a	b	c	Ød	e	f	g	h	j	n	n ₁
NTHZ 400	736	606	291	35	507	45	38	10	432	587	557
NTHZ 450	828	674	322	40	569	52	43	12	486	649	619
NTHZ 500	918	744	352	40	638	56	43	12	540	718	688

	o	p	r	r ₁	s	s ₁	u	v	q ₁	Øw	z ₁
NTHZ 400	547	745	355	178	79	537	9	50	4	10	5
NTHZ 450	609	855	450	225	103	599	10	70	6	12	6
NTHZ 500	678	920	450	225	101	668	9	70	4	12	6

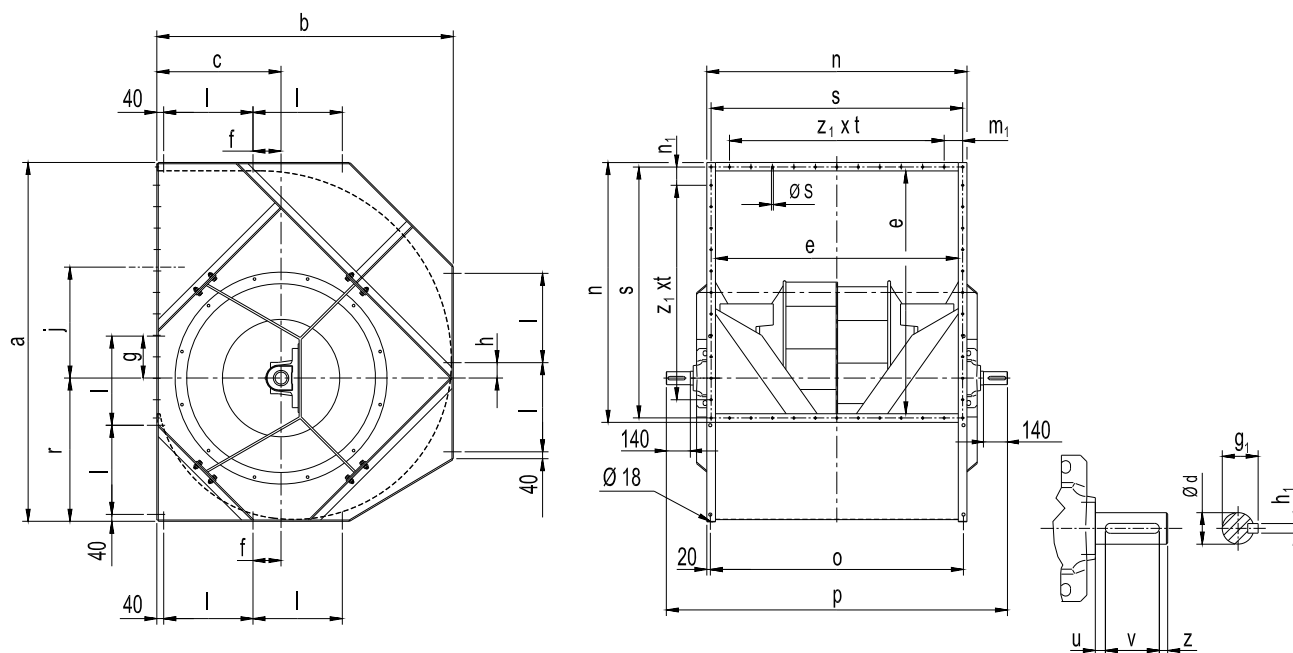
7.4. NTHZ 315 ÷ 1000 T1; NTHZ 560 ÷ 1000 T2L; NTHZ 315 ÷ 1000 T2



	a	b	c	c1	ød			e	f	g			h			j	n	n1	n2			o
					T1	T2L	T2			T1	T2L	T2	T1	T2L	T2				T1	T2L	T2	
NTHZ 315	578	480	236	25	25	-	30	404	39	28	-	33	8	-	8	341	464	454	490	-	490	434
NTHZ 355	655	542	261	25	30	-	35	453	39	33	-	38	8	-	10	384	533	503	541	-	560	493
NTHZ 400	736	606	291	25	30	-	35	507	45	33	-	38	8	-	10	432	587	557	595	-	615	547
NTHZ 450	828	674	322	25	35	-	40	569	52	38	-	43	10	-	12	486	649	619	677	-	677	609
NTHZ 500	918	744	352	25	35	-	40	638	56	38	-	43	10	-	12	540	718	688	746	-	746	678
NTHZ 560	1030	838	390	25	40	-	50	715	54	43	-	53,5	12	-	14	606	815	765	825	-	845	765
NTHZ 630	1158	936	434	25	40	-	50	801	62	43	-	53,5	12	-	14	681	901	851	911	-	931	851
NTHZ 710	1304	1048	485	25	50	-	60	898	71	53,5	-	64	14	-	18	767	998	948	1028	-	-	958
NTHZ 800	1468	1174	540	25	50	-	60	1007	82	53,5	-	64	14	-	18	864	1107	1057	1137	-	-	1067
NTHZ 900	1648	1312	604	30	-	-	60	1130	97	-	-	64	-	-	18	972	1230	1190	1260	-	-	1190
NTHZ 1000	1810	1444	657	30	-	-	60	1267	97	-	-	64	-	-	18	1068	1367	1327	1397	-	-	1327

	p			r	r1	s			s1	u			v			z			x	φ y	q1	φ w	z1xt
	T1	T2L	T2			T1	T2L	T2		T1	T2L	T2	T1	T2L	T2	T1	T2L	T2					
NTHZ 315	608	-	625	280	-	72	-	81	434	11	-	11	40	-	40	5	-	10	30	7,5	3	10	4x90
NTHZ 355	709	-	730	355	-	88	-	99	483	27	-	20	40	-	50	10	-	10	40	7,5	5	10	4x90
NTHZ 400	753	-	780	355	178	83	-	97	537	22	-	18	40	-	50	10	-	10	40	7,5	4	10	5x90
NTHZ 450	875	-	920	450	225	113	-	136	599	35	-	34	50	-	70	10	-	10	40	7,5	6	12	6x90
NTHZ 500	906	-	955	450	225	94	-	119	668	16	-	17	50	-	70	10	-	10	40	7,5	4	12	6x90
NTHZ 560	1028	-	1118	500	250	107	-	152	745	14	-	22	70	-	80	-	-	10	50	7,5	6	15	7x90
NTHZ 630	1115	-	1220	560	280	107	-	160	831	14	-	30	70	-	80	-	-	10	50	7,5	7	15	8x90
NTHZ 710	1260	-	1336	630	315	131	-	169	928	23	-	24	80	-	90	-	-	10	50	7,5	6	18	9x90
NTHZ 800	1367	-	1445	710	355	130	-	169	1037	22	-	24	80	-	90	-	-	10	50	7,5	7	18	11x90
NTHZ 900	1529	-	1574	800	400	150	-	172	1164	25	-	27	-	-	90	-	-	10	50	10	7	18	11x100
NTHZ 1000	1666	-	1712	900	450	150	-	173	1301	25	-	28	-	-	90	-	-	10	50	10	7	18	12x100

7.5. NTHZ 1120; 1250 T1 / T2



	a	b	c	ød		e	f	g	h	g ₁		h ₁		j	l
				T1	T2					T1	T2	T1	T2		
NTHZ 1120	2092	1727	724	70	75	1415	164	245	90	74,5	79,5	20		500	520
NTHZ 1250	2329	1929	810			1586	185	279	93					554	585

	m ₁	n	n ₁	o	p		r	s	øS	z ₁ x t	u		v	z	
					T1	T2					T1	T2		T1	T2
NTHZ 1120	107,5	1515	107,5	1475	1875	1975	835	1465	11,5	10x125	30	20	100	10	20
NTHZ 1250	73	1686	73	1646	2125		931	1646	15	12x125	20			20	

7.6. Baseframes for

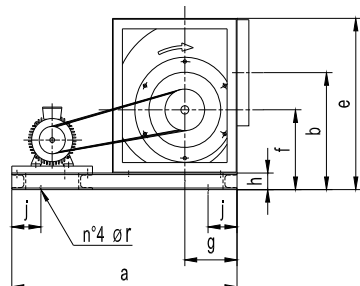
7.6. Grundrahmen

7.6. Chassis

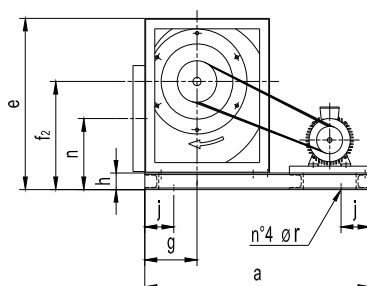
7.6. Basamenti

NTHZ 315 ÷ 1250

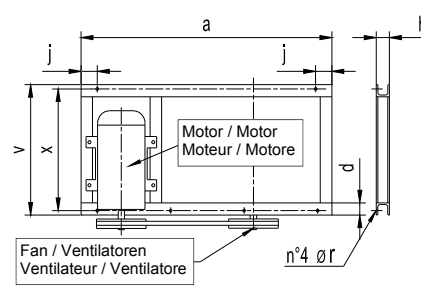
RD 90° (315 ÷ 1000)



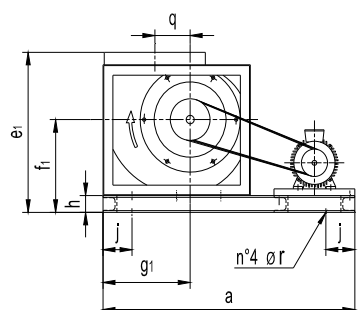
RD 270° (315 ÷ 1000)



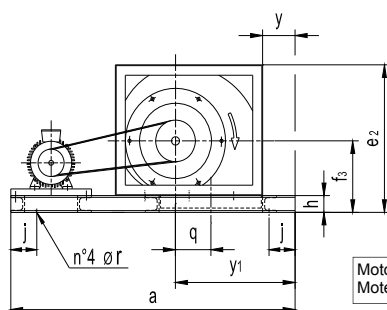
0°-90°-270° (315 ÷ 1000)



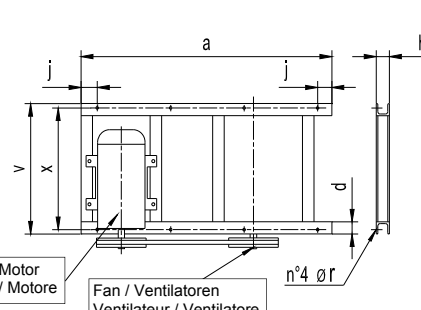
RD 0° (315 ÷ 1000)



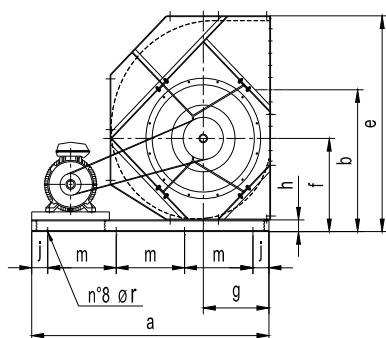
RD 180° (315 ÷ 1000)



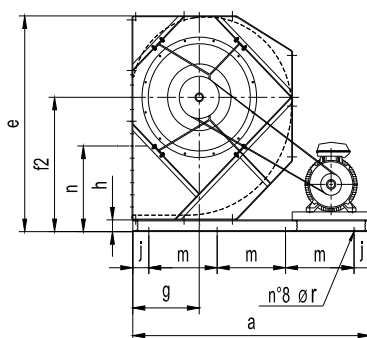
180° (315 ÷ 1000)



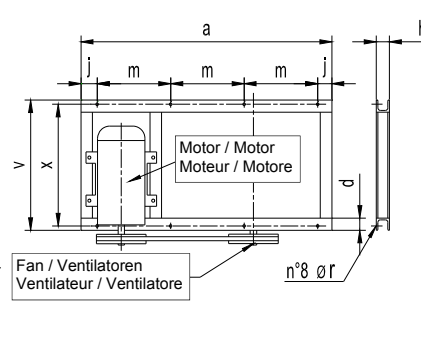
RD/LG 90° (1120-1250)



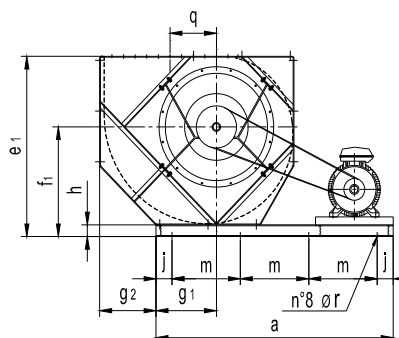
RD/LG 270° (1120-1250)



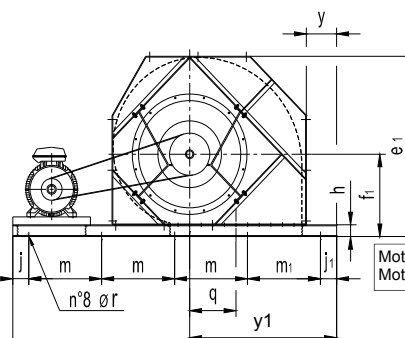
0°-90°-270° (1120-1250)



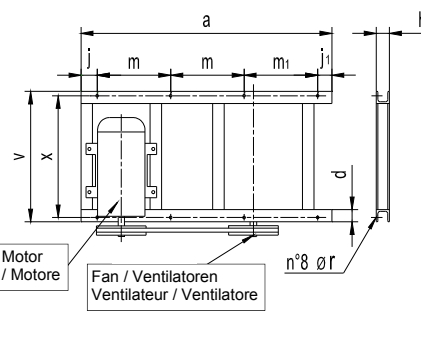
RD/LG 0° (1120-1250)



RD/LG 180° (1120-1250)



180° (1120-1250)



		a																													
	Motor base plates / Motor rails Motorspannschienen / Motorspannschienen Support moteur Rails tendeurs, glissières Base motore tendicinghia Slitta tendicinghia	RD-LG 0°	RD-LG 180°	RD-LG 90° 270°	b	d	e	e ₁	e ₂	f	f ₁	f ₂	f ₃	g	g ₁	g ₂	h	j	j ₁	m	m ₁	n	q	Ø	r	v	x	y	y ₁		
315	SY1	930	1070	930	423	38	628	569	530	284	333	394	247	197	344	-	50	30	-	-	-	255	139	10	465	434	100	444			
	SY2	1070	1268	1070																											
	SH1	1268																													
	SH2																														
355	SY1	980	1220	980	474	38	705	629	591	316	368	439	275	225	389	-	50	30	-	-	-	281	158	10	534	494	100	489			
	SY2	1220	1344	1220																											
	SH1																														
	SH2																														
400	SY1	1118	1336	1118	529	38	786	701	656	350	411	486	295	245	436	-	50	50	-	-	-	307	179	10	588	549	150	586			
	SY2	1336	1336	1626																											
	SH1	1626	1626	1336																											
	SH2			1626																											
450	SY1	1140	1400	1140	618	45	908	806	754	416	484	571	350	270	491	-	80	50	-	-	-	369	202	10	650	611	150	641			
	SY2	1400	1718	1400																											
	SH1	1718	1400	1400																											
	SH2																														
500	SY1	1220	1508	1220	675	45	998	880	824	454	582	624	375	295	544	-	80	50	-	-	-	403	221	10	720	681	200	744			
	SY2	1508	1858	1508																											
	SH1	1858																													
	SH2																														
560	SY1	1350	1600	1350	747	45	1110	972	918	499	582	691	415	335	611	-	80	50	-	-	-	443	248	10	818	768	200	811			
	SY2	1600	1970	1600																											
	SH1	1970																													
	SH2																														
630	SY1	1470	1678	1470	831	45	1238	1078	1016	551	644	766	451	371	686	-	80	50	-	-	-	486	280	15	904	854	200	886			
	SY2	1678	1850	1678																											
	SH1	1850	2238	1850																											
	SH2																														
710	SY1	1824	2094	1824	929	45	1384	1200	1128	611	716	852	492	412	772	-	80	50	-	-	-	534	318	15	1001	961	200	972			
	SY2	2094	2384	2094																											
	SH1	2384																													
	SH2																														
800	SY1	1900	2180	1900	1058	50	1568	1355	1274	697	815	970	559	459	870	-	100	50	-	-	-	609	361	15	1111	1071	200	1070			
	SY2	2180	2408	2180																											
	SH1	2408	2748	2408																											
	SH2																														
900	SY1	2075	2350	2075	1177	50	1748	1509	1412	770	905	1078	608	508	978	-	100	50	-	-	-	671	407	15	1234	1194	200	1178			
	SY2	2350	2588	2350																											
	SH1	2588	2928	2588																											
	SH2																														
1000	SY1	2280	2660	2280	1270	50	1910	1641	1544	835	984	1174	660	560	1074	-	100	50	-	-	-	739	435	15	1371	1331	200	1274			
	SY2	2660	2890	2660																											
	SH1	2890																													
	SH2																														
1120	SHP	2800	3300	2800	1455	55	2212	1847	-	955	1123	1377	844	709	635	622	120	125	35	850	1440	877	500	15	1525	1475	145	1402			
1250	SHP	2950	3520	2950	1625	60	2469	2069	-	1071	1259	1538	950	795	703	695	140	125	35	900	1560	984	554	15	1696	1646	140	1537			

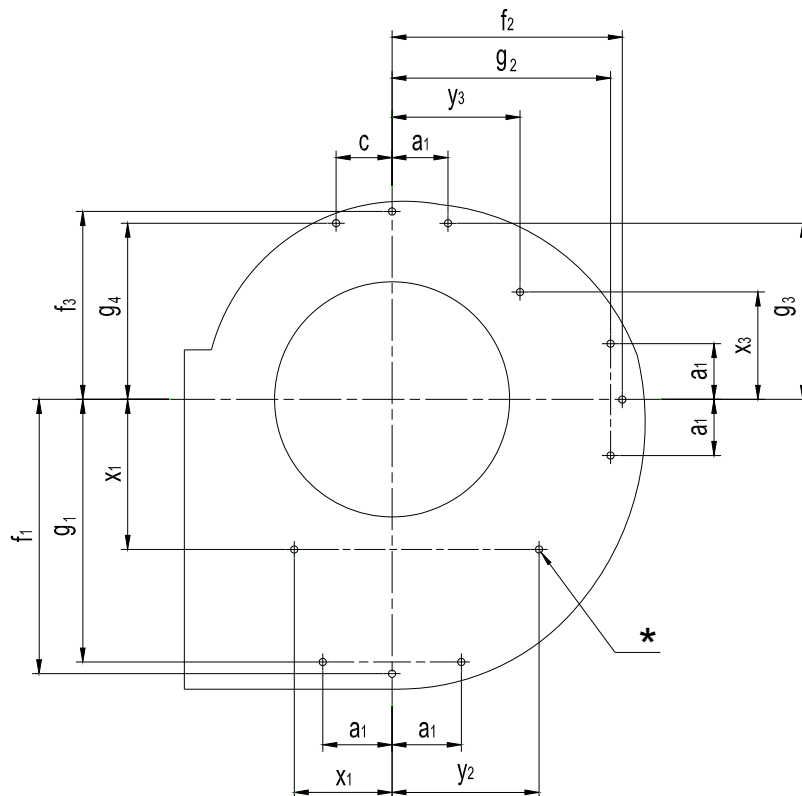
7.7. Standard side plate holes

7.7. Ventilatorseitenteilebohrungen

7.7. Alesages standards sur les flasques

7.7. Fori standard sulle fiancate

NTHZ 315 ÷ 1000



* : B = drivescrew
M = screw

* : B = selbstschneidende Schraube
M = Schraube

* : B = vis autofileuse
M = vis

* : B = viti autofilettanti
M = viti

	a ₁	c	f ₁	f ₂	f ₃	g ₁	g ₂	g ₃	g ₄	x ₁	y ₂	*
NTHZ 315	113	71	323	263	215	284	197	175	195	-	-	B 8
NTHZ 355	156	156	364	295	241	295	204	158	158	197,5	-	B 8
NTHZ 400	156	156	411	336	275	346	243	186	186	220	-	B 8
NTHZ 450	213	213	466	379	311	350	271	168	168	245	-	M 10
NTHZ 500	213	213	519	423	349	400	280	207	207	270	-	M 10
NTHZ 560	235	235	581	472	389	494	362	276	276	305	-	M 12
NTHZ 630	235	235	656	535	441	567	431	328	328	340	-	M 12
NTHZ 710	265	265	717	601	496	637	476	371	371	377,5	-	M 12
NTHZ 800	-	-	835	681	562	-	-	-	-	422,5	-	M 12
NTHZ 900	-	-	943	770	635	-	-	-	-	472,5	297,5	M 12
NTHZ 1000	-	-	1039	849	700	-	-	-	-	525	324	M 12

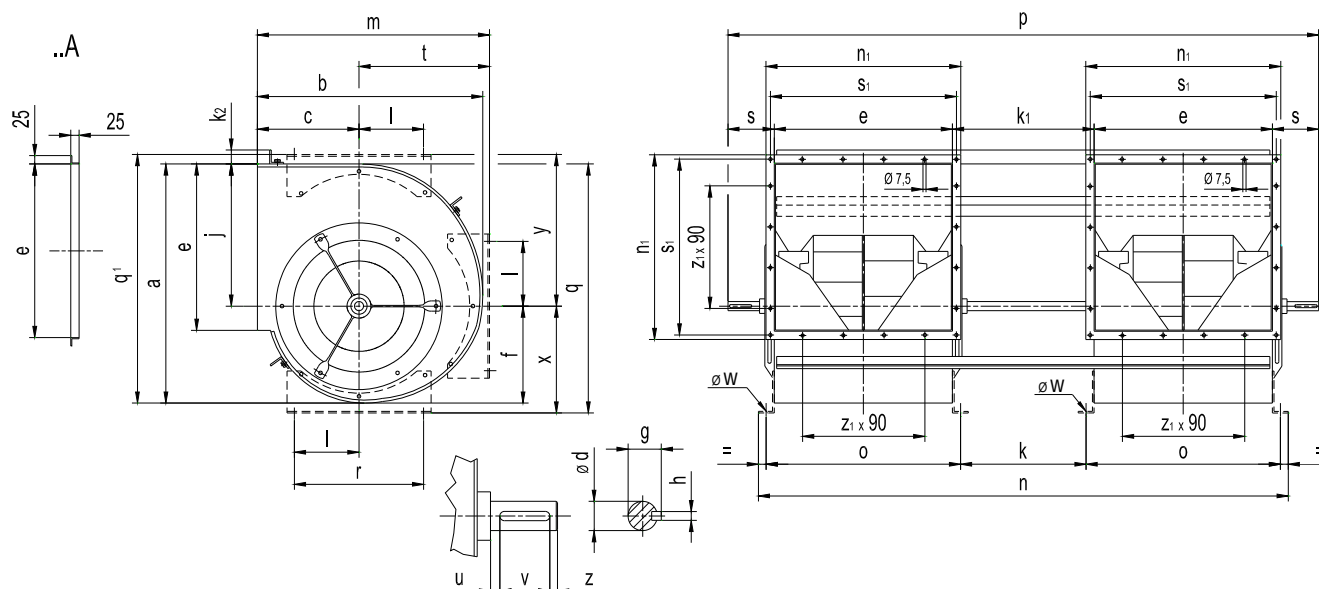
14. Twin fans dimensions

14. Ventilatorabmessungen Zwillingsventilatoren

14. Dimensions Ventilateurs doubles

14. Dimensioni Ventilatori binati

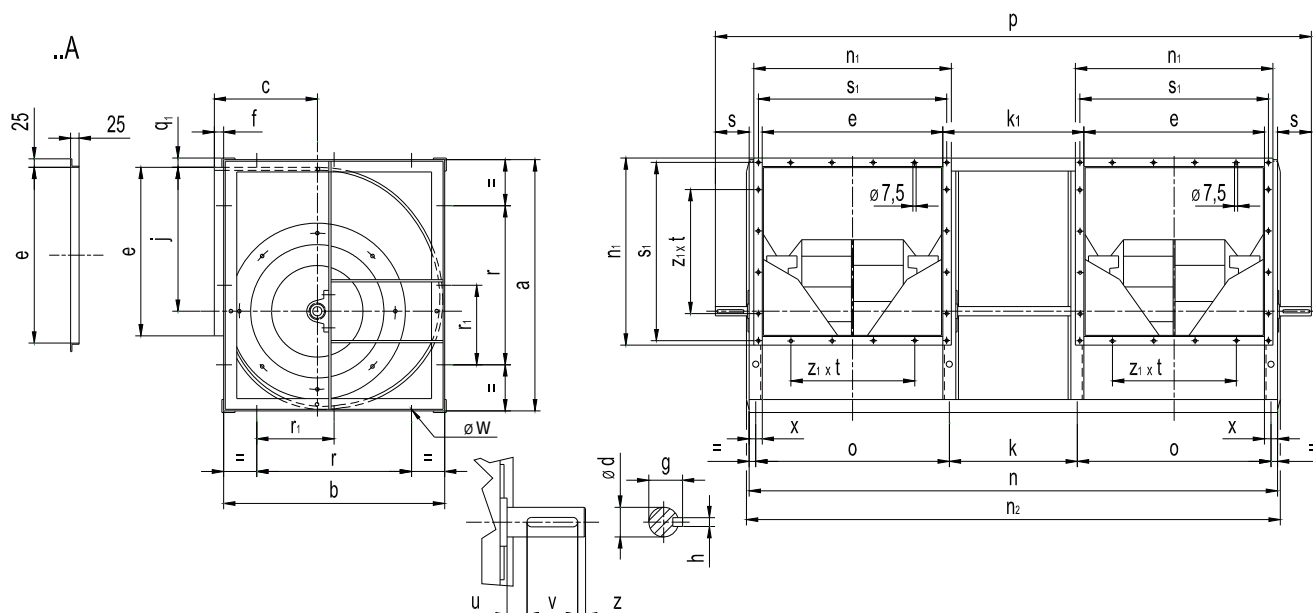
14.1. NTHZ-BL 315 ÷ 450



	a	b	c	ød	e	f	g	h	k	k ₁	k ₂	j	l	m	n	n ₁	o
NTHZ-BL 315	573	516	236	25	404	233	28	8	285	315	30	341	140	516	1185	454	434
NTHZ-BL 355	646	576	261	30	453	262	33	8	315	355	30	384	177,5	581	1340	503	493
NTHZ-BL 400	726	645	291	35	507	296	38	10	360	400	40	432	177,5	649	1494	557	547
NTHZ-BL 450	818	722	322	40	569	332	43	12	410	450	40	486	225	729	1668	619	609

	p	q	q ₁	r	s	s ₁	t	u	v	z	x	y	øw	z ₁	max RPM	max kW
NTHZ-BL 315	1305	600	600	280	91	434	280	5	40	5	258	367	10,5	4	1625	5,5
NTHZ-BL 355	1465	657	672	355	103	483	319	9	40	10	273	410	10,5	4	1700	6,5
NTHZ-BL 400	1655	733	757	355	121	537	358	11	50	10	301	461	10,5	5	1600	6,5
NTHZ-BL 450	1900	823	850	450	156	599	407	23	70	10	337	519	12	6	1520	8,5

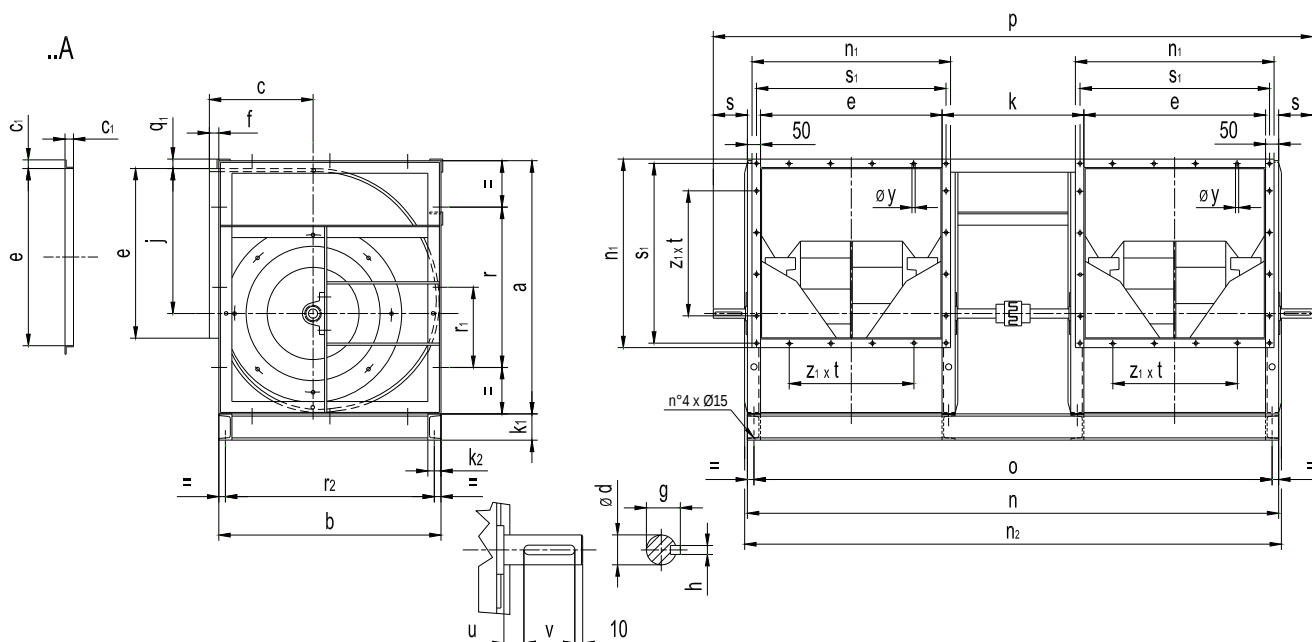
14.3. NTHZ-BT 315 ÷ 630



	a	b	c	ød	e	f	g	h	k	k ₁	j	n	n ₁	n ₂	o
NTHZ-BT 315	578	480	236	25	404	39	28	8	285	315	341	1183	454	1209	434
NTHZ-BT 355	655	542	261	30	453	39	33	8	315	355	384	1340	503	1348	493
NTHZ-BT 400	736	606	291	35	507	45	38	10	360	400	432	1494	557	1522	547
NTHZ-BT 450	828	674	322	40	569	52	43	12	410	450	486	1668	619	1696	609
NTHZ-BT 500	918	744	352	40	638	56	43	12	460	500	540	1858	688	1883	678
NTHZ-BT 560	1030	838	390	50	715	54	54	14	510	560	606	2090	765	2110	765
NTHZ-BT 630	1158	936	434	50	801	62	54	14	580	630	681	2332	851	2362	851

	p	r	r ₁	s	s ₁	u	v	z	x	q ₁	φw	z ₁ x t	max RPM	max kW
NTHZ-BT 315	1327	280	-	72	434	11	40	5	30	5	10	4x90	1625	7,5
NTHZ-BT 355	1517	355	-	89	483	28	40	10	40	6	10	4x90	1700	9
NTHZ-BT 400	1655	355	177,5	83	537	5	50	10	40	6	10	5x90	1600	9
NTHZ-BT 450	1900	450	225	113	599	11	70	10	40	7	12	6x90	1520	13
NTHZ-BT 500	2058	450	225	105	668	3	70	10	40	7	12	6x90	1230	13
NTHZ-BT 560	2303	500	250	107	745	9	70	10	50	7	12	7x90	1340	18,5
NTHZ-BT 630	2556	560	280	112	831	4	80	10	50	7	12	8x90	1000	18,5

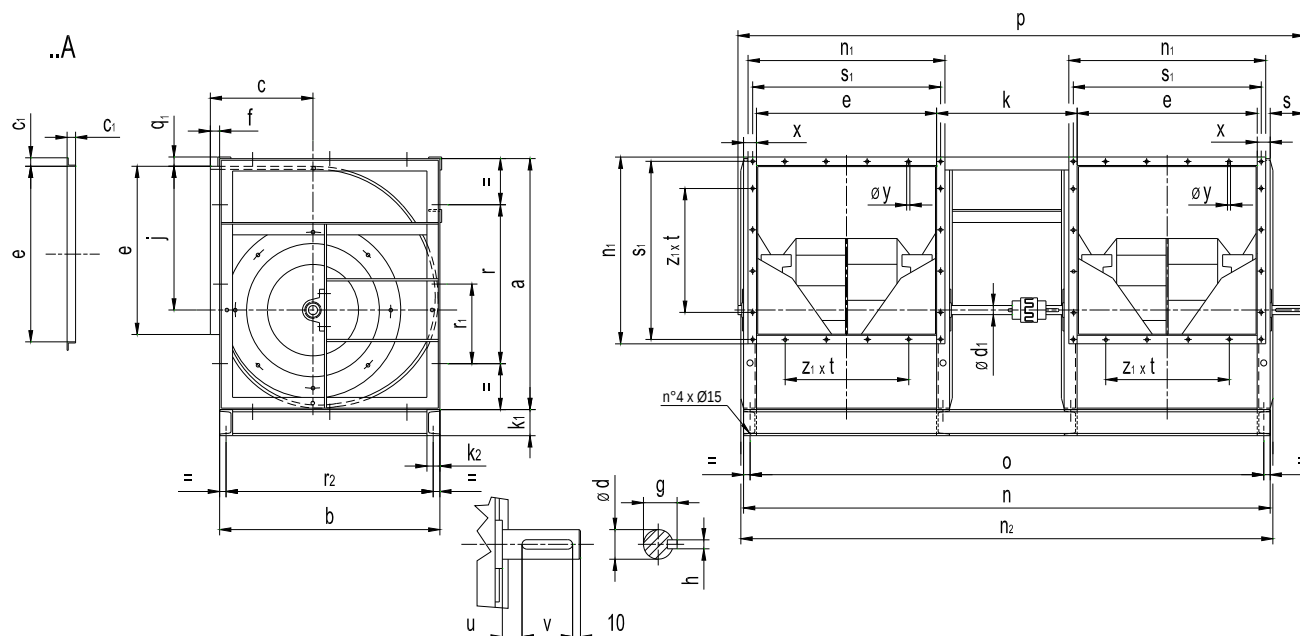
14.4. NTHZ-BT 710 ÷ 1000



	a	b	c	c ₁	ød	e	f	g	h	k	k ₁	k ₂	j	n	n ₁
NTHZ-BT 710	1304	1048	485	25	50	898	71	53,5	14	710	100	50	767	2606	948
NTHZ-BT 800	1468	1174	540	25	50	1007	81	53,5	14	800	120	55	864	2945	1057
NTHZ-BT 900	1648	1312	604	30	60	1130	97	64	18	900	140	60	972	3260	1190
NTHZ-BT 1000	1810	1444	657	30	60	1267	97	64	18	1000	140	60	1068	3634	1327

	n ₂	o	p	r	r ₁	r ₂	s	s ₁	u	v	φy	q ₁	z ₁ x t	max RPM	max kW
NTHZ-BT 710	2636	2566	2868	630	315	1008	131	928	23	80	7,5	12	9x90	1500	22
NTHZ-BT 800	2944	2874	3174	710	355	1134	130	1037	22	80	7,5	13	11x90	1200	22
NTHZ-BT 900	3290	3220	3559	800	400	1272	150	1164	25	90	10	13	11x100	1200	33
NTHZ-BT 1000	3664	3594	3933	900	450	1404	150	1301	25	90	10	13	12x100	1050	35

14.5. NTHZ-BT2/T1 500 ÷ 1000



note: the drawing shows a LG (counter clockwise rotation) twin fan

Bemerkung: auf der Zeichnung ist ein LG Ventilator abgebildet (Drehrichtung im Linksdrehend)

note: le dessin représente un ventilateur LG (orientation dans le sens anti-horaire)

nota: il disegno rappresenta un ventilatore binato LG (rotazione in senso antiorario)

	a	b	c	c ₁	ød	ød ₁	e	f	g	h	k	k ₁	k ₂	j	n	n ₁
NTHZ-BT2/T1 500	918	744	352	25	40	35	638	56	43	12	500	80	45	540	1856	688
NTHZ-BT2/T1 560	1030	838	390	25	50	40	715	54	54	14	560	100	50	606	2090	765
NTHZ-BT2/T1 630	1158	936	434	25	50	40	801	62	54	14	630	100	50	681	2332	851
NTHZ-BT2/T1 710	1304	1048	485	25	60	50	898	71	64	18	710	100	50	767	2606	948
NTHZ-BT2/T1 800	1468	1174	540	25	60	50	1007	81	64	18	800	120	55	864	2914	1057
NTHZ-BT2/T1 900	1648	1312	604	30	60	60	1130	97	64	18	900	140	60	972	3260	1190
NTHZ-BT2/T1 1000	1810	1444	657	30	60	60	1267	97	64	18	1000	140	60	1068	3634	1327

	n ₂	o	p	r	r ₁	r ₂	s	s ₁	u	v	x	φy	q ₁	z ₁ x t	max RPM	max kW
NTHZ-BT2/T1 500	1883	1815	2014	450	225	704	119	668	17	70	40	7,5	12	6x90	2200	21
NTHZ-BT2/T1 560	2125	2040	2270	500	250	798	152	745	22	80	50	7,5	15	7x90	2050	35
NTHZ-BT2/T1 630	2367	2282	2526	560	280	898	160	831	30	80	50	7,5	15	8x90	1650	40
NTHZ-BT2/T1 710	2651	2566	2825	630	315	1008	169	928	29	90	50	7,5	12	9x90	1500	45
NTHZ-BT2/T1 800	2959	2874	3128	710	355	1134	169	1037	29	90	50	7,5	13	11x90	1200	45
NTHZ-BT2/T1 900	3305	3220	3492	800	400	1272	172	1164	32	90	50	10	13	11x100	1200	70
NTHZ-BT2/T1 1000	3679	3594	3862	900	450	1404	173	1301	33	90	50	10	13	12x100	1050	75