

12 BEZEICHNUNG

GETRIEBE

W 63 L1 UF1 — 24 S2 — B3

OPTIONEN

BAUFORM

VF/VF, VF/W, W/VF	CW (1, 2, 3, 4) CCW (1, 2, 3, 4)
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EINBAULAGEN

VF 27...VF 49 VFR 44...VFR 49	B3
W, WR VF 130...VF 250 VFR 130...VFR 250	B3 (default), B6, B7, B8, V5, V6
VF/VF VF/W W/VF	B3 (default), B6, B7, B8, V5, V6

MOTOR BAUFORM

B5	(VF 30...VF 250, VFR 49...VFR 250, W, WR)
B14	(VF 30...VF 49, W)

BEZEICHNUNG DER ANTRIEBSSEITE

	VF	VFR	W	WR	VF/VF	VF/W	W/VF
P(IEC)	 P27 (VF 27 only), P56...P225	 P63, P80...P160	 P71...P132	 P63...P112	 P56, P63, P90...P132	 P56...P80	 P71...P112
S_		 S44 (VFR 44 only)	 S1...S3				 S1...S3
HS							

ÜBERSETZUNG

ABTRIEBSWELLEDURCHMESSER

W 75 VF/W 44/75	D30 (default), D28 (Option)
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BAUFORM

RUTSCHKUPPLUNG

VF, VFR W, WR	L1, L2	VF/VF	LF
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GETRIEBEBAUGRÖSSE

VF	27, 30, 44, 49, 130, 150, 185, 210, 250	VF/VF	30/44, 30/49, 130/210, 130/250
VFR	44, 49, 130, 150, 185, 210, 250	VF/W	30/63, 44/75, 44/86, 49/110
W, WR	63, 75, 86, 110	W/VF	63/130, 86/150, 86/185

GETRIEBE TYP

VF, W	Schneckengetriebe
VFR, WR	Schneckengetriebe mit Vorstufe
VF/VF, VF/W, W/VF	Doppelschneckengetriebe

20

15

24

90
91

90
91

91

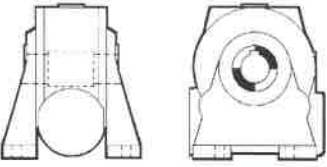
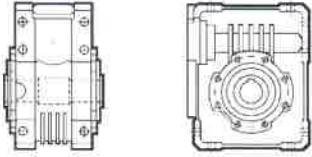
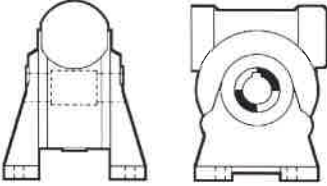
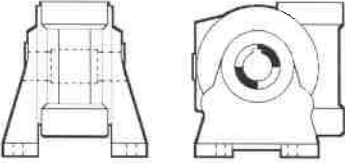
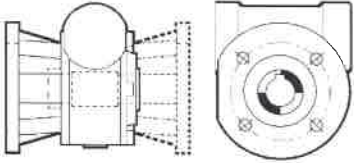
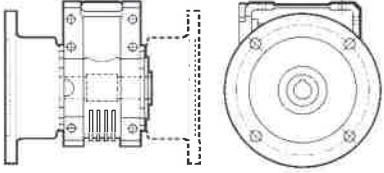
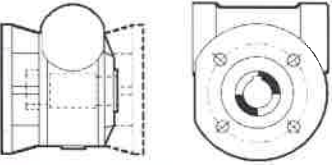
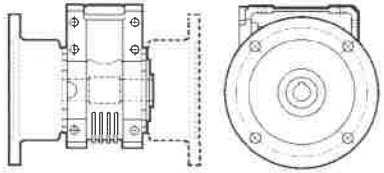
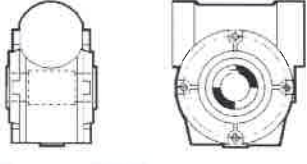
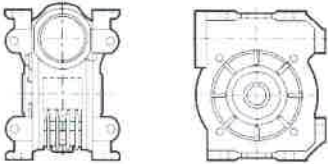
165
168

14

172



10 BAUFORMEN

VF_		W_	
	<p>N VF 27 ... VF 250</p> <p>Füßen und untenliegendet Schneckenwelle</p>		<p>U W 63 ... W 110</p> <p>Universalgehäuse</p>
	<p>A VF 27 ... VF 250</p> <p>Füßen und Schneckenwelle oben</p>		
	<p>V VF 27 ... VF 250</p> <p>Füßen und senkrechter Schneckenwelle</p>		
	<p>F VF 27 ... VF 185</p> <p>Standardflansch</p>		<p>UF W 63 ... W 110</p> <p>Standardanbauflansch</p>
<p>F 1 F 2</p> <p>FA 1 FA 2</p>	<p>FA VF 44 ... VF 49</p> <p>Hohem Flansch</p>	<p>UF 1 UF 2</p>	
	<p>FC VF 130 ... VF 185</p> <p>Kurzem Flansch</p>		
<p>FC 1 FC 2</p> <p>FR 1 FR 2</p>	<p>FR VF 130 ... VF 185</p> <p>Kurze Flansch und verstärkten Lagern</p>		<p>UFC W 63 ... W 110</p> <p>Kurzer Anbauflansch</p>
	<p>P VF 30 ... VF 250</p> <p>Flansch für Drehmomentstütze</p>	<p>UFC 1 UFC 2</p> <p>UFCR 1 UFCR 2</p>	
<p>P 1 P 2</p> <p>(VF 30...VF 250) (VF 130...VF 185)</p>	<p>P1 = P2 VF 30 ... VF 49 VF 210, VF 250</p>		
	<p>U VF 30 ... VF 49</p> <p>Mit integrierten Füßen</p>	<p>UFCR W 75</p> <p>Verkürzter Anbauflansch in Länge und Durchmesser</p>	



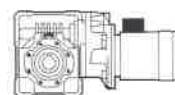
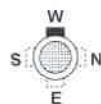
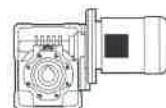
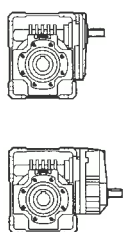
W 63 U ... W 110 U

WR 63 U ... WR 110 U

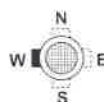
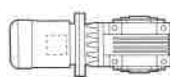
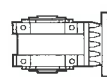
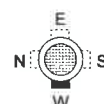
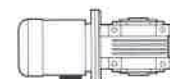
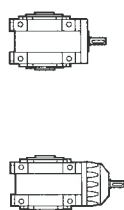
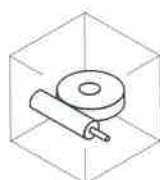
_HS

_S - _P (IEC)

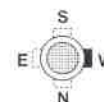
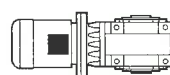
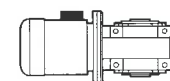
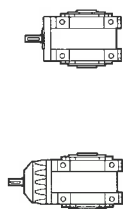
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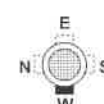
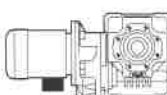
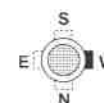
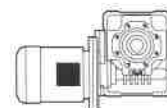
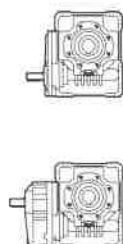
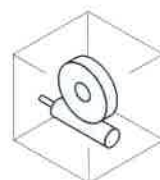
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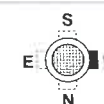
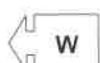
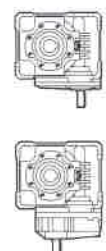
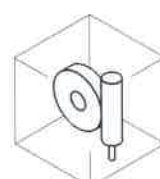
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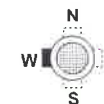
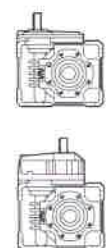
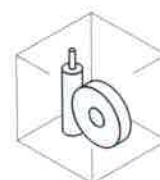
B8



V5



V6





W 86 - WR 86

440 Nm

		i	η_s %	$n_1 = 2800 \text{ min}^{-1}$					$n_1 = 1400 \text{ min}^{-1}$							
				n_2 min ⁻¹	M_{n2} Nm	P_{n1} kW	R_{n1} N	R_{n2} N	η_d %	n_2 min ⁻¹	M_{n2} Nm	P_{n1} kW	R_{n1} N		R_{n2} N	η_d %
				W 86												
W 86	W 86_7	7	71	400	225	10.4	850	2930	91	200	250	5.9	850	3920	89	166
	W 86_10	10	67	280	260	8.5	850	3490	90	140	290	4.8	850	4620	88	
	W 86_15	15	60	187	295	6.6	850	4200	87	93	330	3.8	850	5510	85	
	W 86_20	20	60	140	285	4.9	850	4900	86	70	320	2.8	850	6380	84	
	W 86_23	23	58	122	285	4.3	850	5250	85	61	320	2.5	850	6800	82	
	W 86_30	30	45	93	320	3.9	850	5740	81	47	370	2.4	850	7000	76	
	W 86_40	40	45	70	295	2.7	850	6670	79	35	330	1.6	850	7000	75	
	W 86_46	46	43	61	305	2.5	850	7000	77	30	340	1.5	850	7000	73	
	W 86_56	56	39	50	265	1.8	850	7000	75	25.0	300	1.1	850	7000	70	
	W 86_64	64	37	44	250	1.6	850	7000	73	21.9	280	0.94	850	7000	68	
W 86_80	80	33	35	225	1.2	850	7000	69	17.5	255	0.73	850	7000	64		
W 86_100	100	29	28.0	205	0.92	850	7000	65	14.0	230	0.57	850	7000	59		
W 86																
W 86																
$n_1 = 900 \text{ min}^{-1}$																
$n_1 = 500 \text{ min}^{-1}$																
W 86	W 86_7	7	71	129	270	4.1	850	4670	88	71	295	2.6	850	5890	85	166
	W 86_10	10	67	90	310	3.4	850	5500	86	50	345	2.2	850	6860	82	
	W 86_15	15	60	60	355	2.7	850	6520	82	33	390	1.7	850	7000	78	
	W 86_20	20	60	45	345	2.0	850	7000	81	25.0	380	1.3	850	7000	77	
	W 86_23	23	58	39	345	1.8	850	7000	80	21.7	380	1.2	850	7000	75	
	W 86_30	30	45	30	400	1.7	850	7000	73	16.7	440	1.1	850	7000	67	
	W 86_40	40	45	22.5	355	1.2	850	7000	71	12.5	390	0.77	850	7000	66	
	W 86_46	46	43	19.6	365	1.1	850	7000	69	10.9	405	0.73	850	7000	63	
	W 86_56	56	39	16.1	325	0.83	850	7000	66	8.9	355	0.55	850	7000	60	
	W 86_64	64	37	14.1	300	0.70	850	7000	63	7.8	330	0.47	850	7000	58	
W 86_80	80	33	11.3	275	0.55	850	7000	59	6.3	305	0.38	850	7000	53		
W 86_100	100	29	9.0	250	0.43	850	7000	55	5.0	275	0.29	850	7000	49		

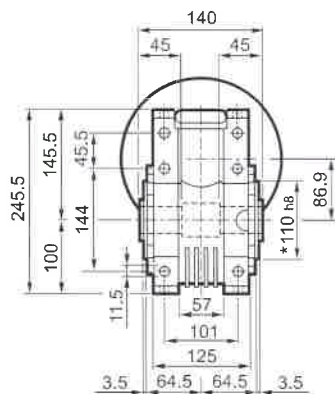
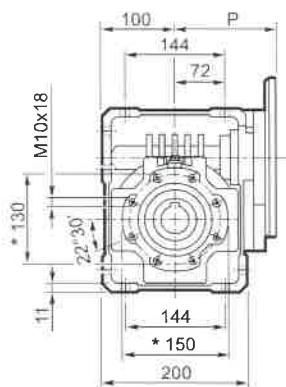
550 Nm

		i	η_s %	$n_1 = 2800 \text{ min}^{-1}$					$n_1 = 1400 \text{ min}^{-1}$							
				n_2 min ⁻¹	M_{n2} Nm	P_{n1} kW	R_{n1} N	R_{n2} N	η_d %	n_2 min ⁻¹	M_{n2} Nm	P_{n1} kW	R_{n1} N		R_{n2} N	η_d %
				WR 86												
WR 86	WR 86_21	21	70	133	270	4.3	500	4590	88	67	295	2.4	500	6070	85	167
	WR 86_30	30	66	93	310	3.5	500	5410	86	47	345	2.1	500	7000	82	
	WR 86_45	45	59	62	355	2.8	500	6420	82	31	390	1.6	500	7000	78	
	WR 86_60	60	59	47	345	2.1	500	7000	81	23.3	380	1.2	500	7000	77	
	WR 86_69	69	57	41	345	1.8	500	7000	80	20.3	380	1.1	500	7000	75	
	WR 86_90	90	44	31	400	1.8	500	7000	73	15.6	440	1.1	500	7000	67	
	WR 86_120	120	44	23.3	355	1.2	500	7000	71	11.7	390	0.72	500	7000	66	
	WR 86_138	138	42	20.3	365	1.1	500	7000	69	10.1	405	0.68	500	7000	63	
	WR 86_168	168	38	16.7	325	0.86	500	7000	66	8.3	355	0.52	500	7000	60	
	WR 86_192	192	36	14.6	300	0.73	500	7000	63	7.3	330	0.43	500	7000	58	
WR 86_240	240	32	11.7	275	0.57	500	7000	59	5.8	305	0.35	500	7000	53		
WR 86_300	300	28	9.3	250	0.44	500	7000	55	4.7	275	0.27	500	7000	49		
WR 86																
WR 86																
$n_1 = 900 \text{ min}^{-1}$																
$n_1 = 500 \text{ min}^{-1}$																
WR 86	WR 86_21	21	70	43	325	1.8	500	7000	83	23.8	355	1.1	500	7000	81	167
	WR 86_30	30	66	30	375	1.5	500	7000	81	16.7	415	0.93	500	7000	78	
	WR 86_45	45	59	20.0	450	1.2	500	7000	76	11.1	500	0.80	500	7000	73	
	WR 86_60	60	59	15.0	430	0.90	500	7000	75	8.3	440	0.53	500	7000	72	
	WR 86_69	69	57	13.0	390	0.73	500	7000	73	7.2	400	0.43	500	7000	70	
	WR 86_90	90	44	10.0	500	0.82	500	7000	64	5.6	550	0.53	500	7000	60	
	WR 86_120	120	44	7.5	440	0.55	500	7000	63	4.2	470	0.35	500	7000	59	
	WR 86_138	138	42	6.5	430	0.48	500	7000	61	3.6	440	0.30	500	7000	56	
	WR 86_168	168	38	5.4	390	0.38	500	7000	57	3.0	410	0.24	500	7000	53	
	WR 86_192	192	36	4.7	390	0.35	500	7000	55	2.6	410	0.22	500	7000	50	
WR 86_240	240	32	3.8	310	0.24	500	7000	50	2.1	320	0.15	500	7000	46		
WR 86_300	300	28	3.0	310	0.22	500	7000	45	1.7	320	0.14	500	7000	41		

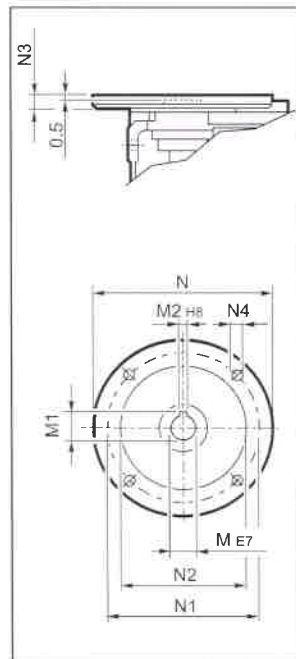


W 86...P (IEC)

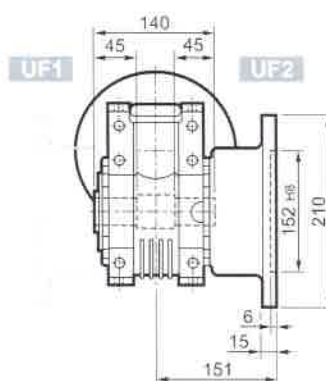
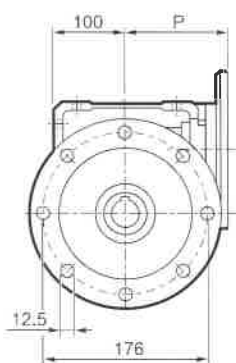
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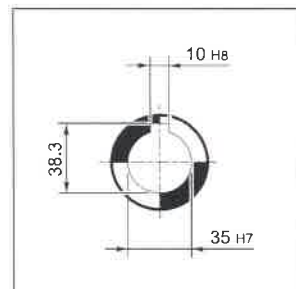
INPUT



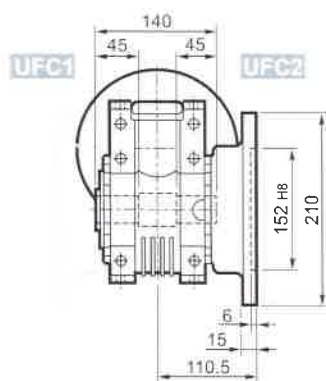
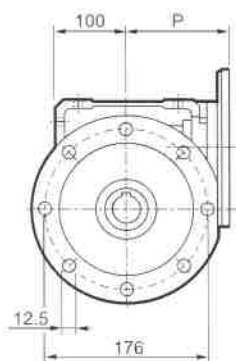
UF



OUTPUT



UFC



		M	M1	M2	N	N1	N2	N3	N4	P	Kg
W 86	P71 B5	14	16.3	5	160	130	110	11	9	128	13.6
W 86	P80 B5	19	21.8	6	200	165	130	12	11.5	128	13.8
W 86	P90 B5	24	27.3	8	200	165	130	12	11.5	128	13.7
W 86	P100 B5	28	31.3	8	250	215	180	13	12.5	136	13.8
W 86	P112 B5	28	31.3	8	250	215	180	13	12.5	136	13.8
W 86	P80 B14	19	21.8	6	120	100	80	7.5	6.5	128	13.5
W 86	P90 B14	24	27.3	8	140	115	95	7.5	8.5	128	13.5
W 86	P100 B14	28	31.3	8	160	130	110	10	8.5	136	13.6
W 86	P112 B14	28	31.3	8	160	130	110	10	8.5	136	13.6

* Auf beiden Seiten