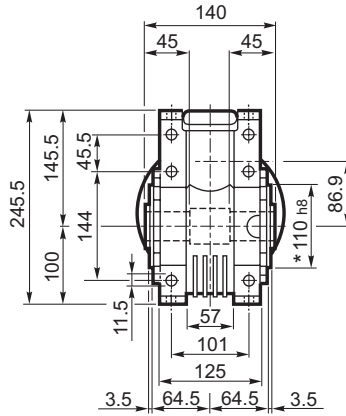
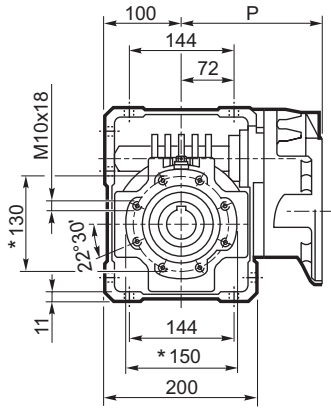
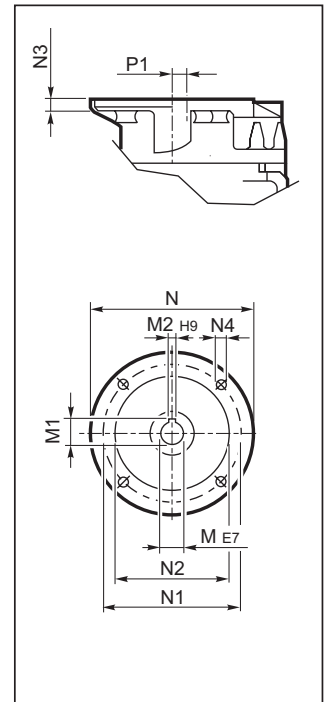


# WR 86...P(IEC)

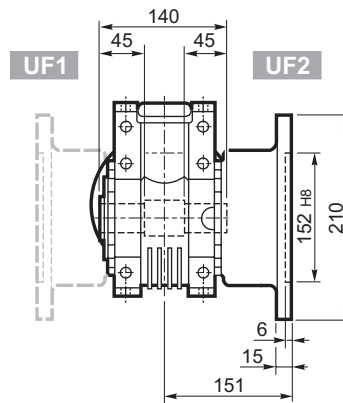
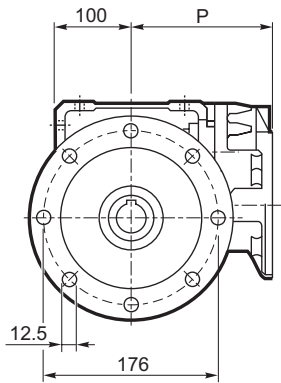
**U**



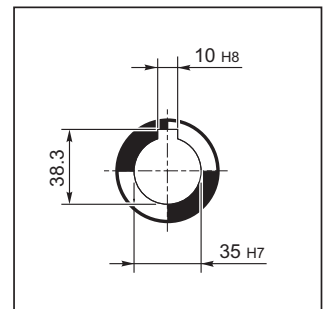
**INPUT**



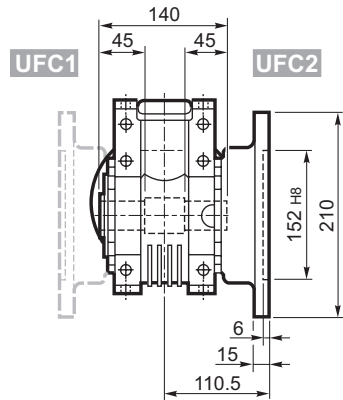
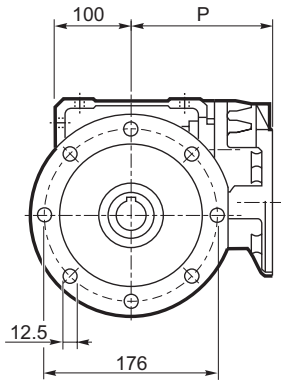
**UF\_**



**OUTPUT**



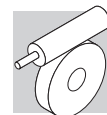
**UFC\_**



## WR 86

		M	M1	M2	N	N1	N2	N3	N4	P	P1	kg
WR 86	P63 B5	11	12.8	4	140	115	95	10	M8x10	168	35.4	14.3
WR 86	P71 B5	14	16.3	5	160	130	110	10	M8x10	168	35.4	14.4
WR 86	P80 B5	19	21.8	6	200	165	130	12	M10x13	179.5	22.9	15.2
WR 86	P90 B5	24	27.3	8	200	165	130	12	M10x13	179.5	22.9	15.3

\* Da ambo i lati / On both sides / Auf beiden seiten / Tous le deux cotés



## WR 86

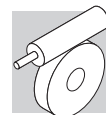
550 Nm

	i	$\eta_s$ %	$n_{2,1}$	$M_{n2}$	$P_{n1}$	$R_{n1}$	$R_{n2}$	$\eta_d$	$n_{2,1}$	$M_{n2}$	$P_{n1}$	$R_{n1}$	$R_{n2}$	$\eta_d$	
			min	Nm	kW	N	N	%	min	Nm	kW	N	N	%	
			$n_1 = 2800 \text{ min}^{-1}$						$n_1 = 1400 \text{ min}^{-1}$						
WR 86	WR 86_21	21	70	133	270	4.3	500	4590	88	67	295	2.4	500	6070	85
	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
			$n_1 = 900 \text{ min}^{-1}$						$n_1 = 500 \text{ min}^{-1}$						
WR 86	WR 86_21	21	70	43	325	1.8	500	7000	83	23.8	355	1.1	500	7000	81
	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



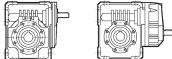
## WR 86


500 Nm

	i	$\eta_s$ %	$n_{2,1}$	$M_{n2}$	$P_{n1}$	$R_{n1}$	$R_{n2}$	$\eta_d$	$n_{2,1}$	$M_{n2}$	$P_{n1}$	$R_{n1}$	$R_{n2}$	$\eta_d$		
			min	Nm	kW	N	N	%	min	Nm	kW	N	N	%		
			$n_1 = 2800 \text{ min}^{-1}$						$n_1 = 1400 \text{ min}^{-1}$							
WR 86_P90 B5	WR 86_15	15	66	187	275	6.1	—	4130	88	93	310	3.5	—	5410	86	
	WR 86_22.5	22.5	59	124	315	4.8	—	4920	86	62	355	2.8	—	6420	82	
	WR 86_30	30	59	93	305	3.5	—	5720	85	47	345	2.1	—	7000	81	
	WR 86_34.5	34.5	57	81	305	3.1	—	6110	84	41	345	1.8	—	7000	80	
	WR 86_45	45	44	62	350	3.0	—	6640	77	31	400	1.8	—	7000	73	
	WR 86_60	60	44	47	315	2.0	—	7000	77	23.3	355	1.2	—	7000	71	
	WR 86_69	69	42	41	325	1.8	—	7000	75	20.3	365	1.1	—	7000	69	
	WR 86_84	84	38	33	285	1.4	—	7000	72	16.7	325	0.86	—	7000	66	
				$n_1 = 900 \text{ min}^{-1}$						$n_1 = 500 \text{ min}^{-1}$						
	WR 86_P90 B5	WR 86_15	15	66	60	345	2.6	—	6330	82	33	375	1.6	—	7000	81
		WR 86_22.5	22.5	59	40	390	2.1	—	7000	78	22.2	450	1.4	—	7000	76
		WR 86_30	30	59	30	380	1.6	—	7000	77	16.7	430	1.0	—	7000	75
WR 86_34.5		34.5	57	26.1	380	1.4	—	7000	75	14.5	390	0.8	—	7000	73	
WR 86_45		45	44	20.0	440	1.4	—	7000	67	11.1	500	0.9	—	7000	64	
WR 86_60		60	44	15.0	390	0.93	—	7000	66	8.3	440	0.61	—	7000	63	
WR 86_69		69	42	13.0	405	0.88	—	7000	63	7.2	430	0.53	—	7000	61	
WR 86_84		84	38	10.7	355	0.66	—	7000	60	6.0	390	0.43	—	7000	57	



# WR 86

		J ( $\cdot 10^{-4}$ ) [Kgm <sup>2</sup> ]										
												
		S1	S2	S3	P63	P71	P80	P90	P100	HS		
<b>WR 86</b>	WR 86_21	21	—	—	—	1.5	1.5	2.4	—	—	—	2.2
	WR 86_30	30	—	—	—	1.4	1.3	2.3	—	—	—	1.3
	WR 86_45	45	—	—	—	1.3	1.3	2.2	—	—	—	1.2
	WR 86_60	60	—	—	—	1.2	1.2	2.1	—	—	—	1.2
	WR 86_69	69	—	—	—	1.2	1.2	2.1	—	—	—	1.1
	WR 86_90	90	—	—	—	1.2	1.2	2.2	—	—	—	1.2
	WR 86_120	120	—	—	—	1.2	1.2	2.1	—	—	—	1.1
	WR 86_138	138	—	—	—	1.2	1.2	2.1	—	—	—	1.1
	WR 86_168	168	—	—	—	1.2	1.2	2.1	—	—	—	1.1
	WR 86_192	192	—	—	—	1.2	1.1	2.1	—	—	—	1.1
	WR 86_240	240	—	—	—	1.2	1.1	2.1	—	—	—	1.1
	WR 86_300	300	—	—	—	1.1	1.1	2.1	—	—	—	1.1

		J ( $\cdot 10^{-4}$ ) [Kgm <sup>2</sup> ]
		 <b>P90</b>

<b>WR 86_P90 B5</b>	WR 86_15	15	6.9
	WR 86_22.5	22.5	6.6
	WR 86_30	30	6.3
	WR 86_34.5	34.5	6.2
	WR 86_45	45	6.4
	WR 86_60	60	6.2
	WR 86_69	69	6.1
	WR 86_84	84	6.1