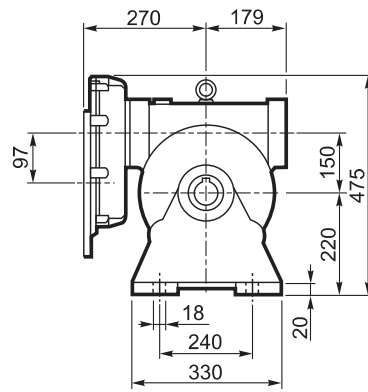
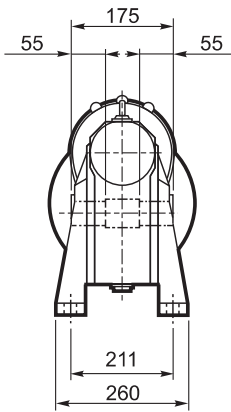
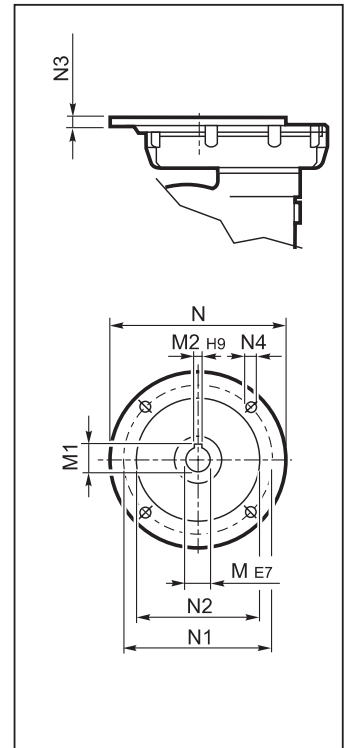


# VFR 150...P(IEC)

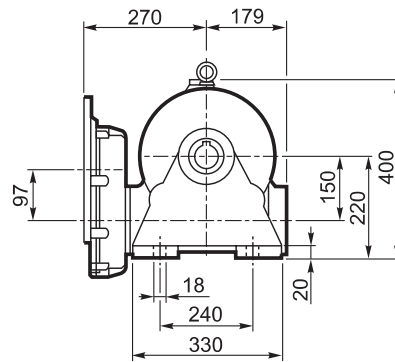
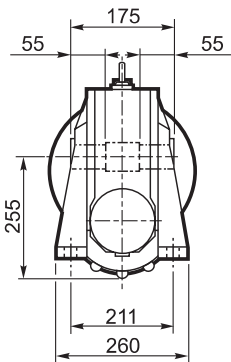
**A**



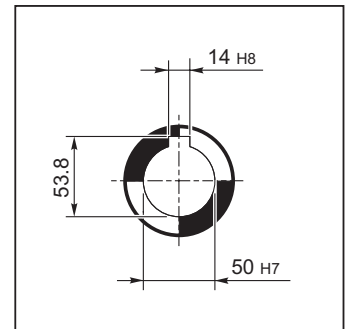
**INPUT**



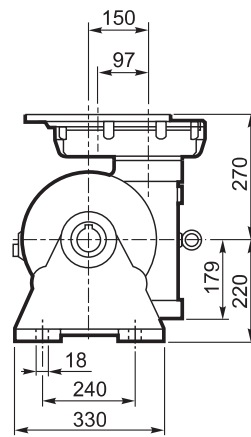
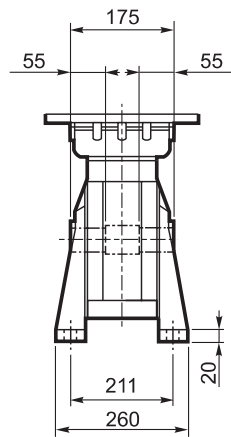
**N**



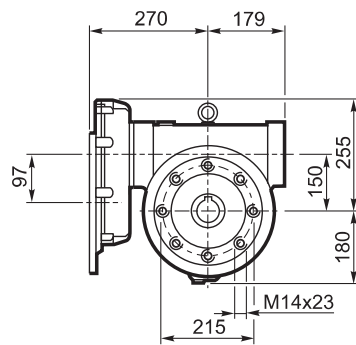
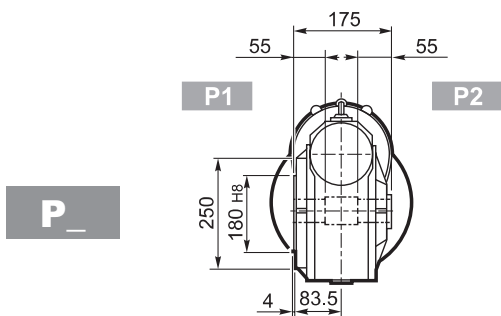
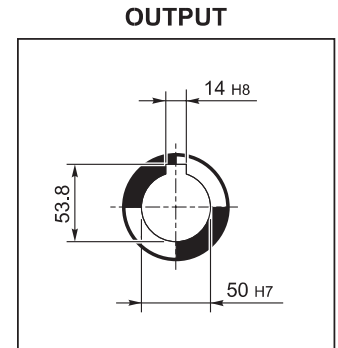
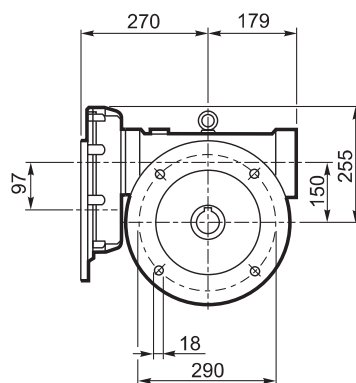
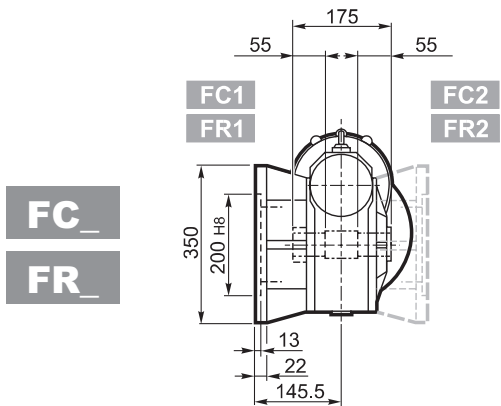
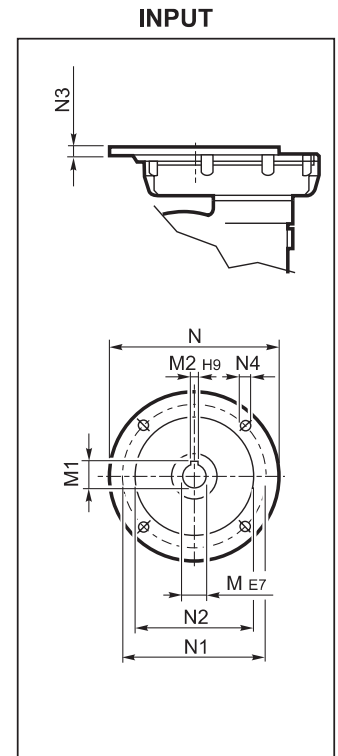
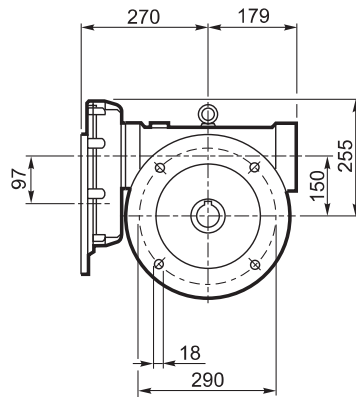
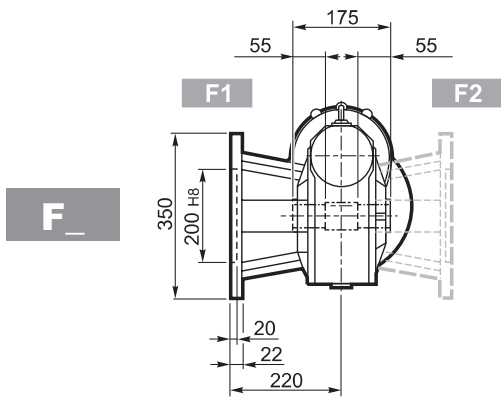
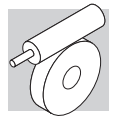
**OUTPUT**



**V**

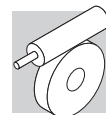


# VFR 150...P(IEC)



VFR 150										
		M	M1	M2	N	N1	N2	N3	N4	
VFR 150	P90 B5	24 K6	27.3	8	200	165	130	13	M10x25	71
VRF 150	P100 B5	28 K6	31.3	8	250	215	180	13	M12x35	
VRF 150	P112 B5	28 J6	31.3	8	250	215	180	13	M12x35	
VFR 150	P132 B5	38 J6	39.6#	10	300	265	230	13	M12x35	

# Linguetta ribassata / Lowered key / Verkleinertes Paßfeder / Clavette à hauteur réduite



# VFR 150

2600 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 <sup>-1</sup>	Nm	kW	N	N	%	min <sup>-1</sup>	Nm	kW	N	N	%	
			$n_1 = 2800 \text{ min}^{-1}$						$n_1 = 1400 \text{ min}^{-1}$						
VFR 150	VFR 150_45	45	63	62	1350	10.6	1500	11600	84	31	1700	6.8	1500	14600	82
	VFR 150_60	60	58	47	1500	9.0	1500	13100	82	23.3	1900	5.9	1500	16000	79
	VFR 150_69	69	56	41	1500	7.9	1500	14100	81	20.3	1850	5.1	1500	16000	77
	VFR 150_90	90	47	31	1600	6.9	1500	15500	76	15.6	1950	4.4	1500	16000	72
	VFR 150_120	120	43	23.3	1750	5.9	1500	15500	73	11.7	2000	3.6	1500	16000	68
	VFR 150_138	138	44	20.3	1750	5.1	1500	15500	73	10.1	2000	3.1	1500	16000	68
	VFR 150_168	168	41	16.7	1500	3.8	1500	15500	70	8.3	1750	2.4	1500	16000	65
	VFR 150_192	192	38	14.6	1450	3.3	1500	15500	68	7.3	1700	2.1	1500	16000	62
	VFR 150_240	240	34	11.7	1350	2.6	1500	15500	64	5.8	1550	1.6	1500	16000	58
	VFR 150_300	300	30	9.3	1150	1.9	1500	15500	60	4.7	1300	1.2	1500	16000	54
			$n_1 = 900 \text{ min}^{-1}$						$n_1 = 500 \text{ min}^{-1}$						
VFR 150	VFR 150_45	45	63	20.0	1950	5.2	1500	16000	79	11.1	2100	3.2	1500	16000	78
	VFR 150_60	60	58	15.0	2100	4.4	1500	16000	76	8.3	2300	2.7	1500	16000	74
	VFR 150_69	69	56	13.0	2050	3.8	1500	16000	74	7.2	2200	2.3	1500	16000	72
	VFR 150_90	90	47	10.0	2200	3.4	1500	16000	69	5.6	2400	2.1	1500	16000	66
	VFR 150_120	120	43	7.5	2300	2.8	1500	16000	64	4.2	2600	1.8	1500	16000	62
	VFR 150_138	138	44	6.5	2200	2.4	1500	16000	64	3.6	2400	1.5	1500	16000	62
	VFR 150_168	168	41	5.4	1950	1.8	1500	16000	61	3.0	2100	1.1	1500	16000	59
	VFR 150_192	192	38	4.7	1900	1.6	1500	16000	59	2.6	2000	1.0	1500	16000	56
	VFR 150_240	240	34	3.8	1700	1.2	1500	16000	54	2.1	1800	0.76	1500	16000	52
	VFR 150_300	300	30	3.0	1350	0.85	1500	16000	50	1.7	1450	0.54	1500	16000	47

# VFR 150

	i	$J \cdot 10^4 \text{ [Kgm}^2\text{]}$						
		P80	P90	P100	P112	P132	HS	
VFR 150	VFR 150_25	25	—	—	—	15	—	—
	VFR 150_30	30	10	10	10	—	—	11
	VFR 150_37.5	37.5	—	—	—	13	—	—
	VFR 150_45	45	8.8	8.8	8.8	—	—	9.7
	VFR 150_50	50	—	—	—	12	—	—
	VFR 150_60	60	8.4	8.3	8.3	—	—	9.2
	VFR 150_69	69	8.4	8.4	8.4	—	—	9.3
	VFR 150_90	90	8.3	8.7	8.7	—	—	9.7
	VFR 150_120	120	8.3	8.2	8.2	—	—	9.2
	VFR 150_138	138	8.0	7.9	7.9	—	—	8.9
	VFR 150_168	168	7.9	7.9	7.9	—	—	8.9
	VFR 150_192	192	7.9	7.8	7.8	—	—	8.8
	VFR 150_240	240	7.7	7.7	7.7	—	—	8.6
VFR 150_300	300	7.7	7.7	7.7	—	—	8.6	