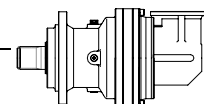




M2'=3000N.m

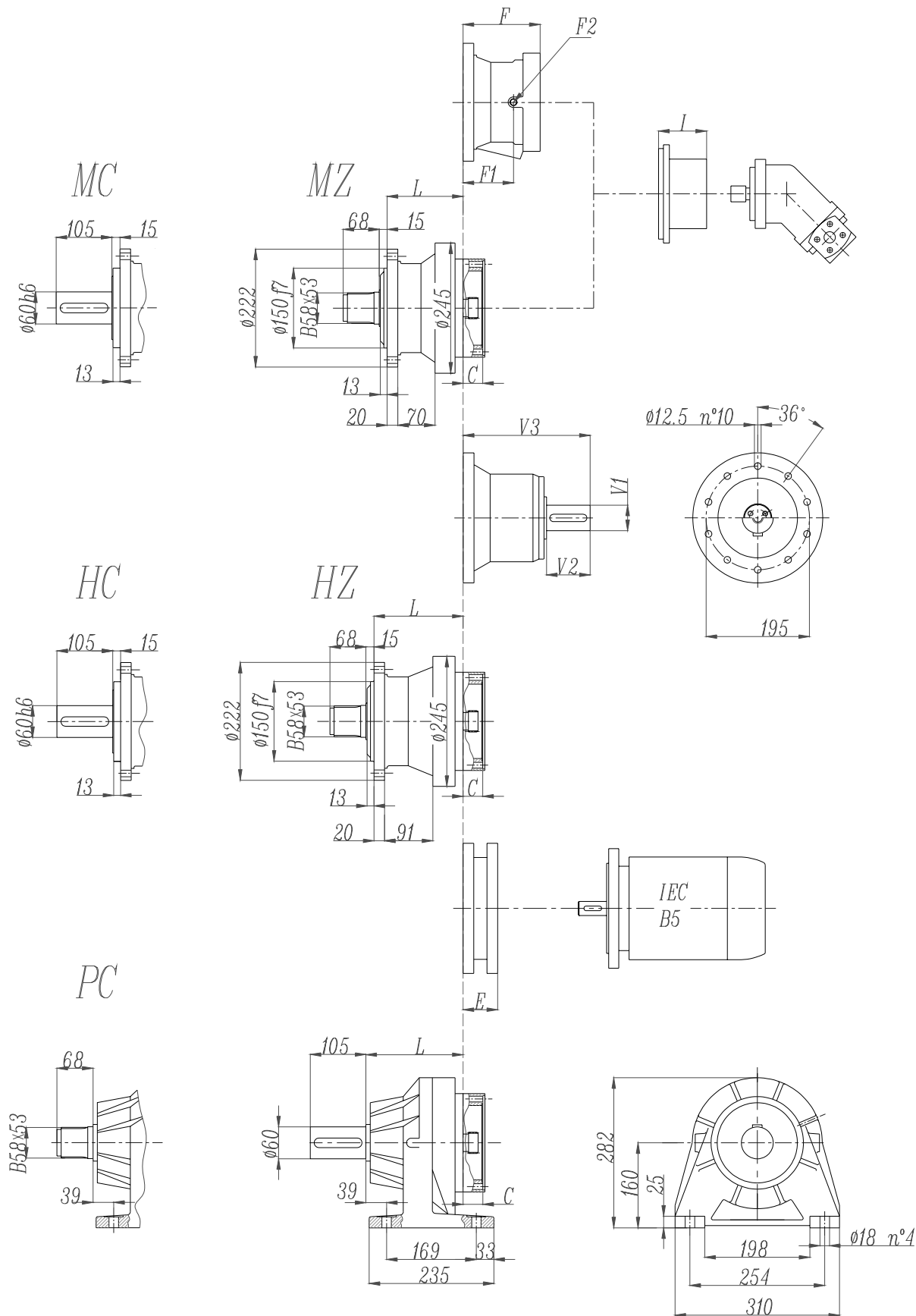


EP303R

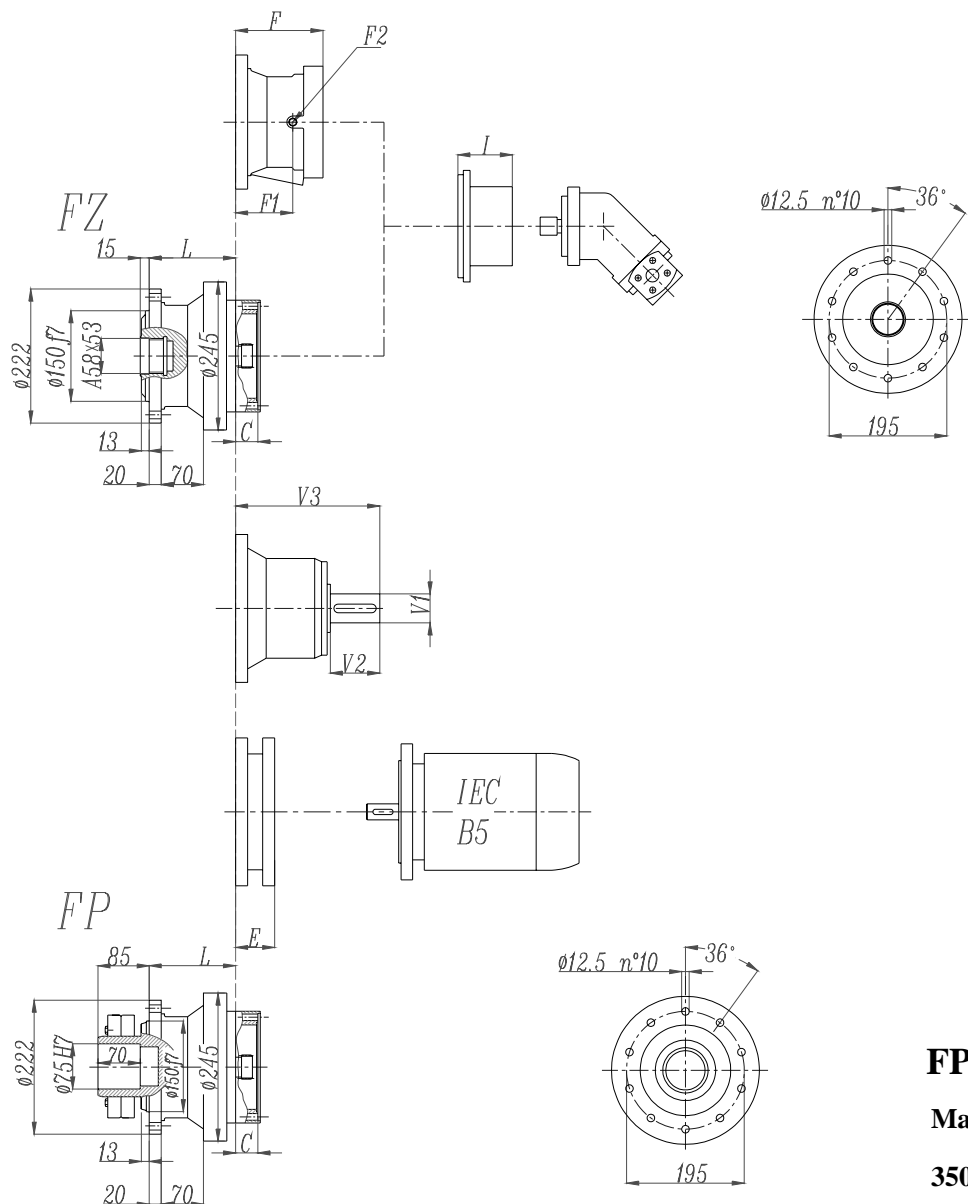
	I 1:	Mn ₂ (N.m)						P ₁ (KW)	P _t (KW) (ta=20°C) (n ₁ =1500)	n ₁ (min ⁻¹)	n _{1max} (min ⁻¹)	M _b (N.m)	Brake type 制动器
		n ₂ .h 10000	n ₂ .h 25000	n ₂ .h 50000	n ₂ .h 100000	n ₂ .h 500000	n ₂ .h 1000000						
R2	9.4	2 900	2 750	2 650	2 600	2 150	1 750	35	18	1 750	3 500	400	4K
	10.8	2 900	2 750	2 650	2 600	2 150	1 750	35	18	1 750	3 500	400	4K
	12.8	2 800	2 450	2 200	2 200	2 100	1 700	27	18	1 750	3 500	330	4H
	14.3	2 300	2 000	1 800	1 800	1 750	1 400	18.9	18	1 750	3 500	260	4F
	17.5	2 000	1 750	1 650	1 650	1 650	1 500	14.3	18	1 750	3 500	160	4D
R3	25.4	2 900	2 750	2 650	2 600	2 150	1 750	14.3	14	1 750	3 500	160	4D
	29.1	2 900	2 750	2 650	2 600	2 150	1 750	15.3	14	1 750	3 500	160	4D
	38.3	2 900	2 750	2 650	2 600	2 150	1 750	12.4	14	1 750	3 500	100	4B
	49.7	2 900	2 750	2 650	2 600	2 150	1 750	8.7	14	1 750	3 500	100	4B
	51.7	2 900	2 750	2 650	2 600	2 150	1 750	9.2	14	1 750	3 500	100	4B
	51.9	2 800	2 450	2 200	2 200	2 100	1 700	6.8	14	1 750	3 500	100	4B
	59.1	2 800	2 450	2 200	2 200	2 100	1 700	4.8	14	1 750	3 500	100	4B
	61.5	2 800	2 450	2 200	2 200	2 100	1 700	5.6	14	1 750	3 500	100	4B
	65.9	2 300	2 000	1 800	1 800	1 750	1 400	4.5	14	1 750	3 500	50	4A
	82.3	2 300	2 000	1 800	1 800	1 750	1 400	3.7	14	1 750	3 500	50	4A
101	2 000	1 750	1 650	1 650	1 650	1 500	3	14	1 750	3 500	50	4A	
R4	98.6	2 900	2 750	2 650	2 600	2 150	1 750	4	12	1 750	3 500	50	4A
	113	2 900	2 750	2 650	2 600	2 000	1 650	3.6	12	1 750	3 500	50	4A
	130	2 900	2 750	2 650	2 600	2 150	1 750	3.2	12	1 750	3 500	50	4A
	147	2 900	2 750	2 650	2 600	2 000	1 650	2.9	12	1 750	3 500	50	4A
	168	2 900	2 750	2 650	2 600	2 150	1 750	2.6	12	1 750	3 500	50	4A
	221	2 900	2 750	2 650	2 600	2 000	1 650	2	12	1 750	3 500	50	4A
	287	2 900	2 750	2 650	2 600	2 150	1 750	1.6	12	1 750	3 500	50	4A
	358	2 900	2 750	2 650	2 600	2 000	1 650	1.3	12	1 750	3 500	50	4A
	426	2 800	2 450	2 200	2 200	2 100	1 700	0.9	12	1 750	3 500	50	4A
	531	2 300	2 000	1 800	1 800	1 750	1 400	0.6	12	1 750	3 500	50	4A
725	2 000	1 750	1 650	1 650	1 650	1 500	0.43	12	1 750	3 500	50	4A	

$M_{2max}=1.2 \times Mn_2(n_2 \times h=10\ 000)$

EP303L



EP303L

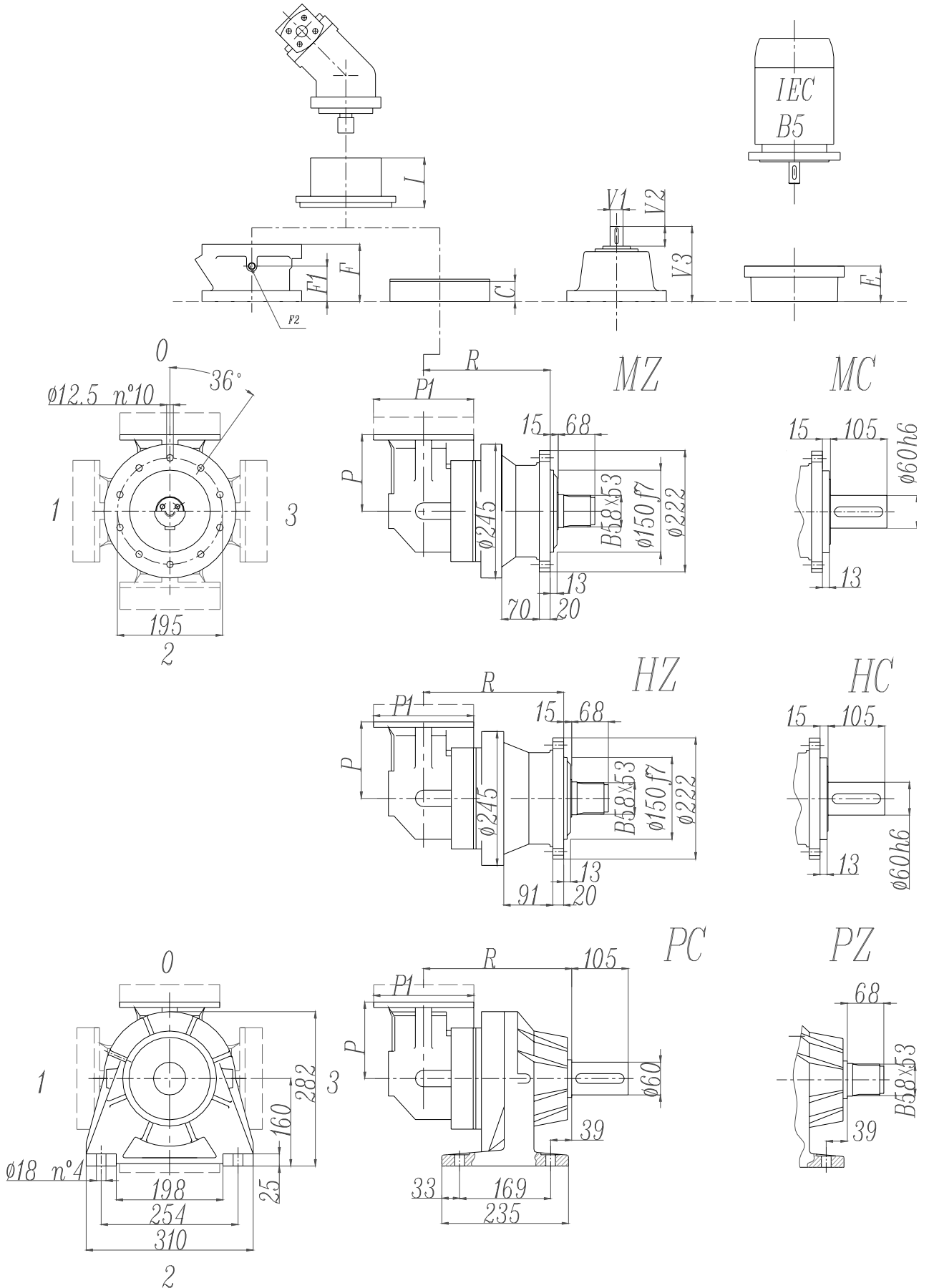


FP version
Max. transmissible
3500 N.m

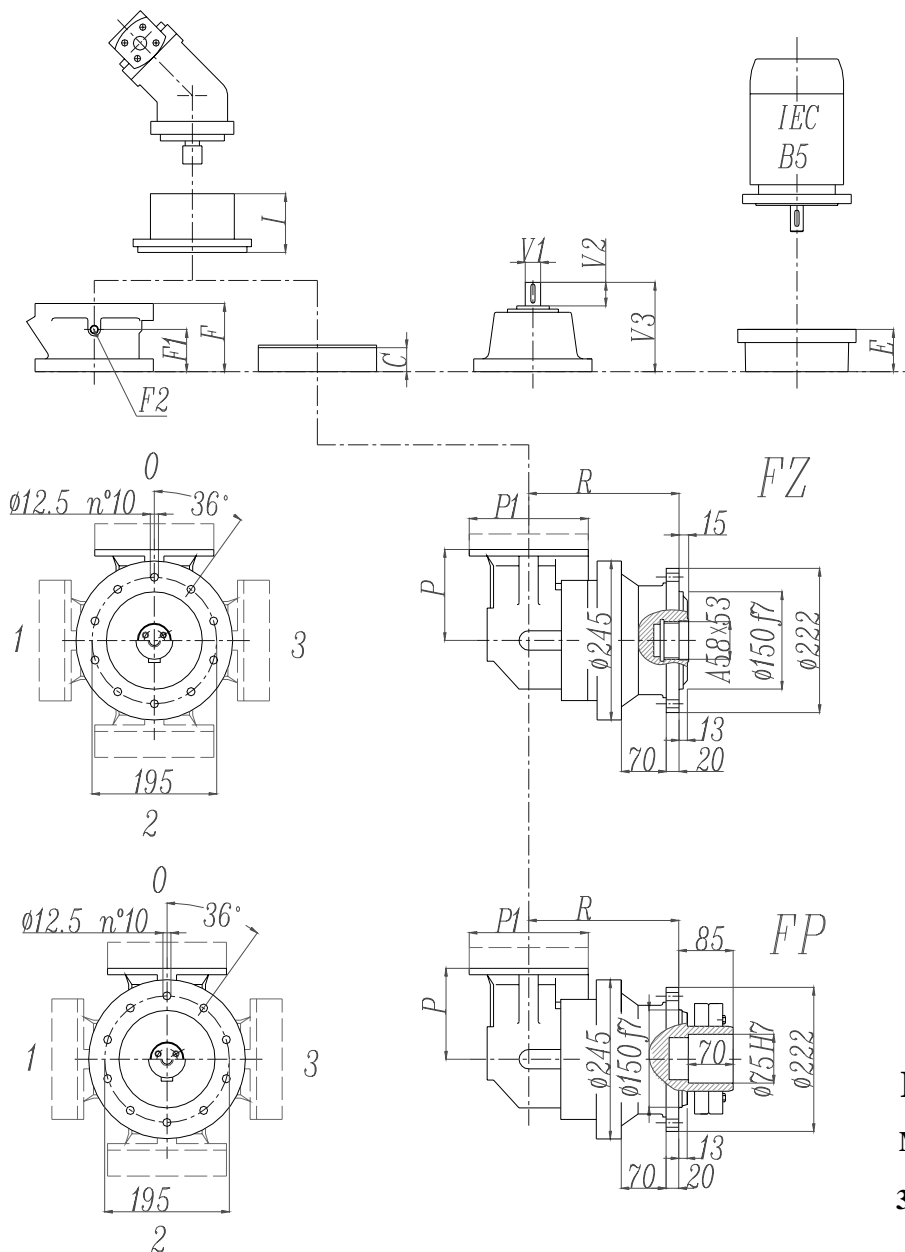
	L				Ref. weight (without input) (Kg)				C	I	Brake				
	MZ MC	FZ FP	HZ HC	PC PZ	MZ MC	FZ FP	HZ HC	PC PZ			F	F1	F2	Type	Ref. Weight
303L1	129	129	154	169	31	31	35	40	37	According to hydraulic motor	145	95	1/4 G	5	22 Kg
303L2	182	182	207	222	35	35	39	44	37		105	65	1/4 G	4	
303L3	234	234	260	275	39	39	43	48	37		105	65	1/4 G	4	
303L4	288	288	313	328	43	43	47	52	37		105	65	1/4 G	4	

	E (IEC motor input)											
			IEC71	IEC80	IEC90	IEC100	IEC112	IEC132	IEC160	IEC180	IEC200	
303L1								114	144	144	174	
303L2			65	84	84	94	94	114	144			
303L3			65	84	84	94	94	114	144			
303L4			65	84	84	94	94	114	144			

EP303R



EP303R

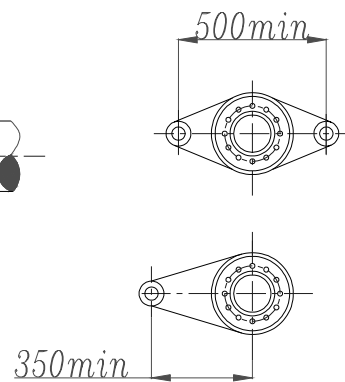
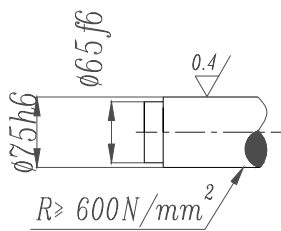
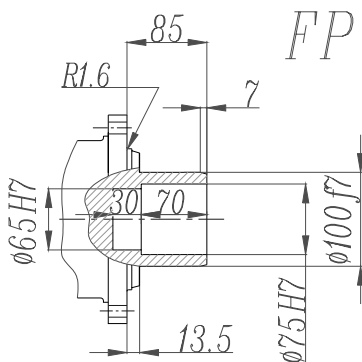
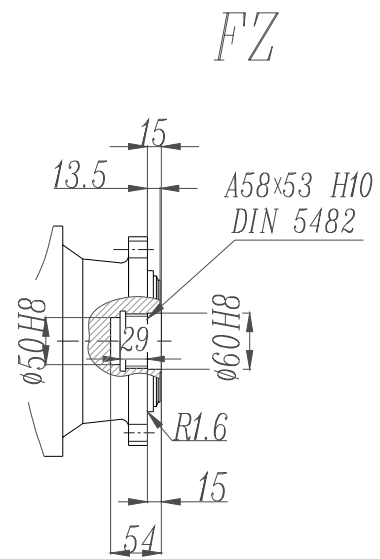
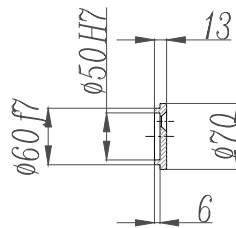
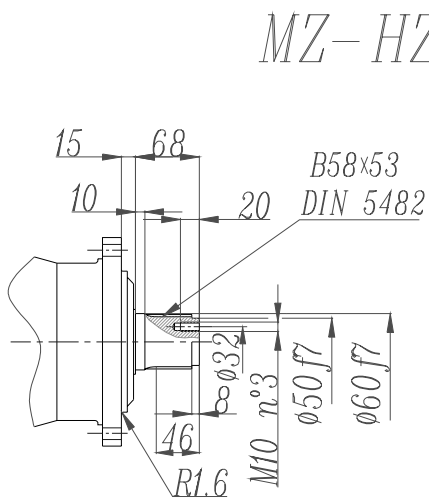
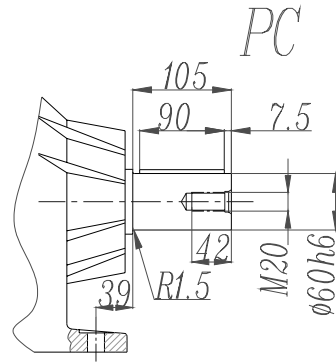
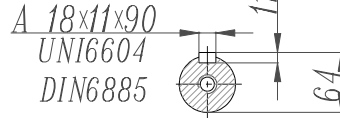
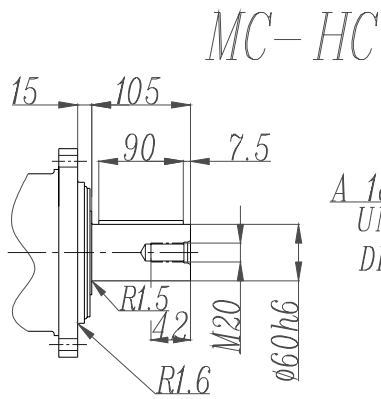


FP version
Max. transmissible
3500 N.m

	R				Ref. weight (without input) (Kg)				C	P	I	Brake				
	MZ MC	FZ FP	HZ HC	PC PZ	MZ MC	FZ FP	HZ HC	PC PZ				F	F1	F2	Type	Ref. Weight
303R2	221	221	246	261	51	51	55	60	37	140	According to hydraulic motor	105	65	1/4 G	4	15 Kg
303R3	274	274	299	314	49	49	53	58	37	122		105	65	1/4 G	4	
303R4	327	327	352	367	53	53	57	62	37	122		105	65	1/4 G	4	

	P1	E (IEC motor input)					
		IEC71	IEC80	IEC90	IEC100	IEC112	IEC132
303R2	186	65	84	84	94	94	114
303R3	186	65	84	84	94	94	114
303R4	186	65	84	84	94	94	114

EP303L - EP303R



FP version

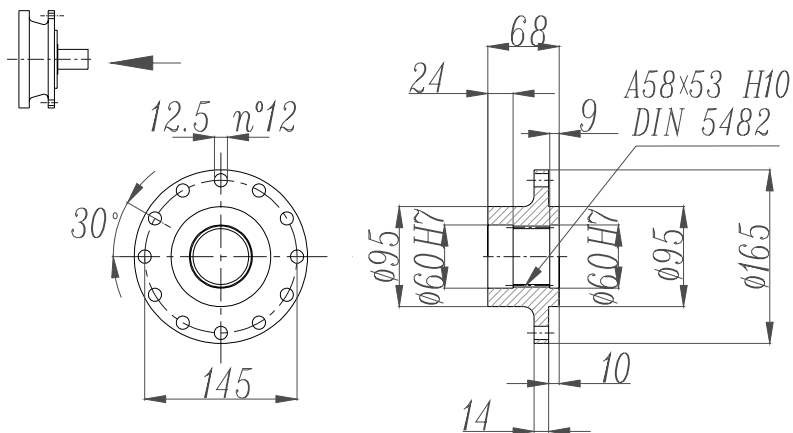
Max. transmissible

3500 N.m

EP303L - EP303R

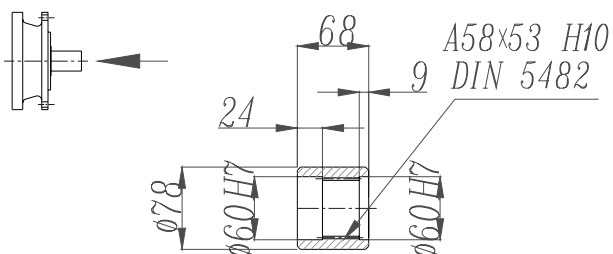
Drive intake flange

DIF



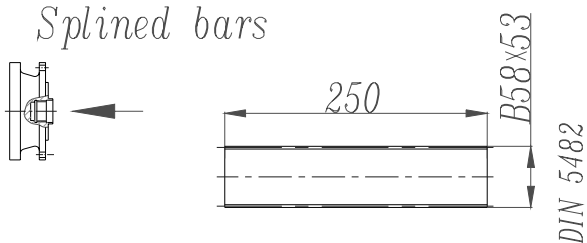
Sleeve couplings

SC



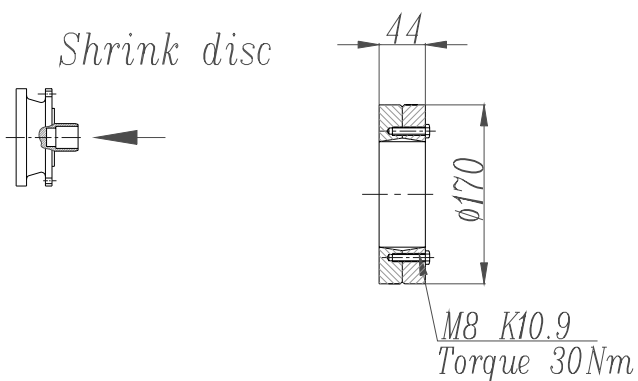
Splined bars

SB



Shrink disc

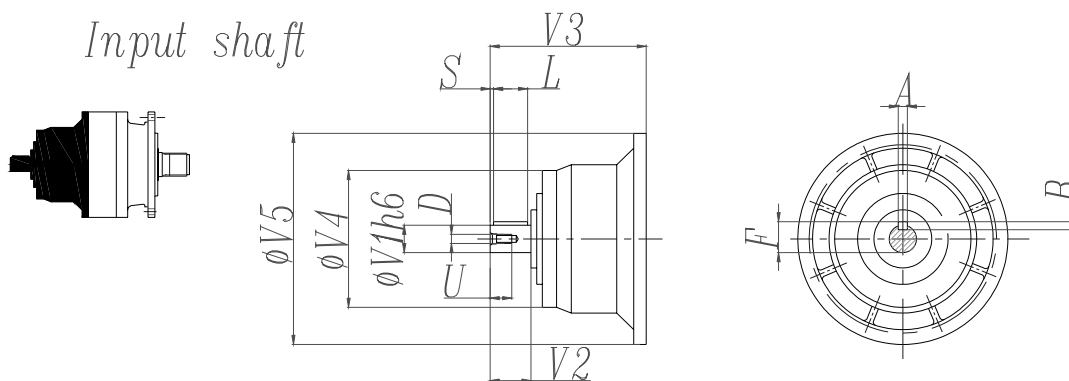
SD



EP303L - EP303R



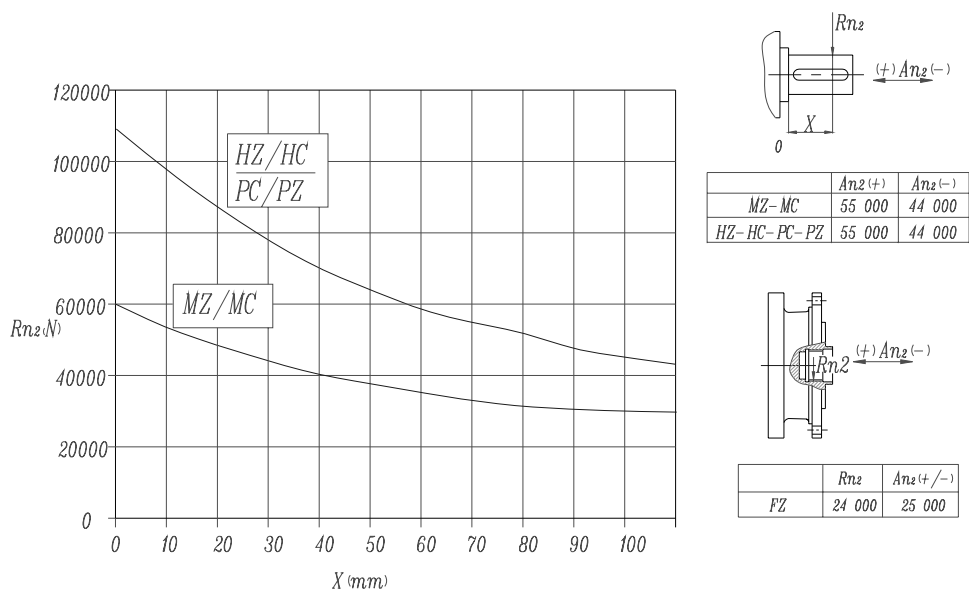
	m	z	x	dp	di	de	H	A	B	C
PCL1	5	19	0	95	82	104	77	12	9	72
PCL2	5	19	0	95	82	104	68	0	0	0
PCM	5	20	0	100	87.5	110	68	18	0	0
PCP	5	22	0	110	97.5	120	68	18	0	0
PDE	6	14	0.5000	84	75	99.6	68	0	0	0
PDI	6	18	0.5000	108	99	123.6	68	0	0	0
PDM	6	20	0.833	120	115	140	68	0	0	0
PFD	8	13	0.675	104	95	127.6	68	0	0	0
PFE1	8	14	0	112	92	126	68	0	0	0
PFE2	8	14	0	112	92	126	80	0	12	72
PFE	8	15	0	120	100	136	68	0	0	0
PFP	8	22	0	176	156	190	77	12	10	71
PHG	10	16	0.5000	160	145	188	75	0	7	72



	CODE	V1	V2	V3	V4	V5	A	B	F	L	S	D	U
303L1	V05B	48	82	239	155	245	14	9	51.5	70	6	M16	36
303L2	V01A	24	36	137.5	120	186	8	7	27	30	3	M8	19
	V01B	38	58	158	120	186	10	8	41	50	4	M12	28
303L3	V01A	24	36	137.5	120	186	8	7	27	30	3	M8	19
	V01B	38	58	158	120	186	10	8	41	50	4	M12	28
303L4	V01A	24	36	137.5	120	186	8	7	27	30	3	M8	19
	V01B	38	58	158	120	186	10	8	41	50	4	M12	28
303R2-R3-R4	V01A	24	36	137.5	120	186	8	7	27	30	3	M8	19
	V01B	38	58	158	120	186	10	8	41	50	4	M12	28

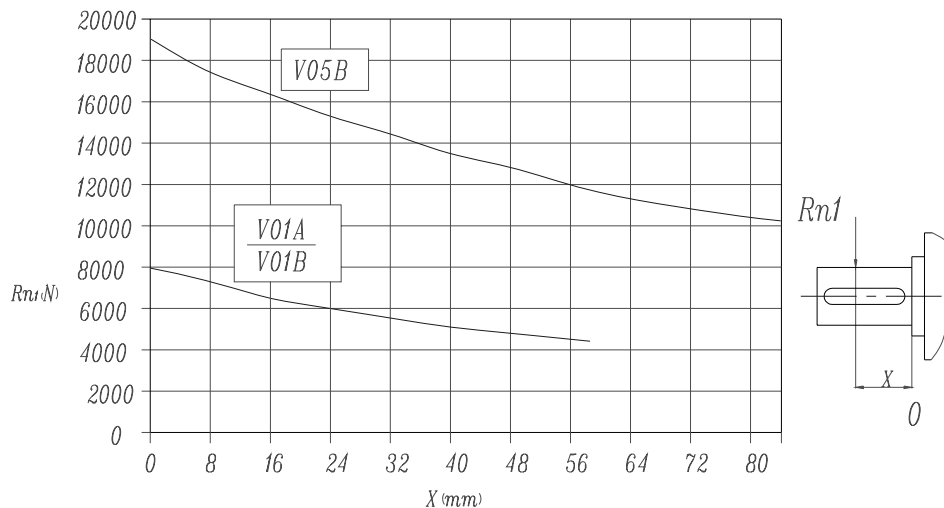
EP303L - EP303R

Permissible radial and axial loads on output shaft with Fh2 ($n_2 \cdot h=10\ 000$)

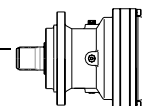


Load corrective factor fh2 on shafts	fh2= $n_2 \cdot h$		10 000	25 000	50 000	100 000	500 000	1 000 000
	fh2	MZ-MC-PC-PZ-FZ	1	0.74	0.58	0.46	0.27	0.21
		HZ-HC	1	0.76	0.61	0.50	0.31	0.25

Permissible radial loads on input shaft with Fh1 ($n_1 \cdot h=250\ 000$)



Load corrective factor fh1 on shafts	Fh1= $n_1 \cdot h$		250 000	500 000	1 000 000	2 00 000	5 000 000	10 000 000
	fh1		1	0.79	0.63	0.50	0.37	0.29

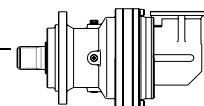


EP305L

M2'=5000N.m

	I 1:	Mn ₂ (N.m)						P ₁ (KW)	P _t (KW) (ta=20°C) (n ₁ =1500)	n ₁ (min ⁻¹)	n _{1max} (min ⁻¹)	M _b (N.m)	Brake type 制动器
		n ₂ .h 10000	n ₂ .h 25000	n ₂ .h 50000	n ₂ .h 100000	n ₂ .h 500000	n ₂ .h 1000000						
L1	3.7	5 800	5 500	5 300	5 200	3 700	3 000	60	13	1 750	3 500	1 000	5K
	4.2	5 800	5 500	5 300	5 200	3 700	3 000	60	13	1 750	3 500	1 000	5K
	5	5 600	5 100	4 400	4 400	3 600	2 950	60	13	1 750	3 500	1 000	5K
	5.6	4 600	3 950	3 600	3 600	3 500	2 900	60	13	1 750	3 500	1 000	5K
	6.8	3 800	3 300	3 100	3 100	3 000	2 400	50	13	1 750	3 500	800	5G
L2	12.4	5 800	5 500	5 300	5 200	3 700	3 000	30	9	1 750	3 500	440	4L
	14.2	5 800	5 500	5 300	5 200	3 700	3 000	30	9	1 750	3 500	440	4L
	18.7	5 800	5 500	5 300	5 200	3 700	3 000	25	9	1 750	3 500	400	4K
	24.2	5 800	5 500	5 300	5 200	3 700	3 000	22	9	1 750	3 500	260	4F
	25.2	5 800	5 500	5 300	5 200	3 700	3 000	22	9	1 750	3 500	260	4F
	28.9	5 600	5 100	4 400	4 400	3 600	2 950	20	9	1 750	3 500	260	4F
	30	5 600	5 100	4 400	4 400	3 600	2 950	19.5	9	1 750	3 500	260	4F
	32.1	4 600	3 950	3 600	3 600	3 500	2 900	18	9	1 750	3 500	260	4F
	40.1	4 600	3 950	3 600	3 600	3 500	2 900	15	9	1 750	3 500	160	4D
	49.1	3 800	3 300	3 100	3 100	3 000	2 400	10	9	1 750	3 500	100	4B
L3	48.1	5 800	5 500	5 300	5 200	3 700	3 000	12	7.5	1 750	3 500	160	4D
	55.2	5 800	5 500	5 300	5 200	3 700	3 000	10	7.5	1 750	3 500	100	4B
	63.2	5 800	5 500	5 300	5 200	3 700	3 000	9	7.5	1 750	3 500	100	4B
	71.6	5 800	5 500	5 300	5 200	3 700	3 000	9	7.5	1 750	3 500	100	4B
	82	5 800	5 500	5 300	5 200	3 700	3 000	9	7.5	1 750	3 500	100	4B
	108	5 800	5 500	5 300	5 200	3 700	3 000	7	7.5	1 750	3 500	100	4B
	140	5 800	5 500	5 300	5 200	3 700	3 000	6.2	7.5	1 750	3 500	100	4B
	174	5 800	5 500	5 300	5 200	3 700	3 000	5	7.5	1 750	3 500	50	4A
	208	5 600	5 100	4 400	4 400	3 600	2 950	3.8	7.5	1 750	3 500	50	4A
	259	4 600	3 950	3 600	3 600	3 500	2 900	2.4	7.5	1 750	3 500	50	4A
354	3 800	3 300	3 100	3 100	3 000	2 400	1.5	7.5	1 750	3 500	50	4A	
L4	318	5 800	5 500	5 300	5 200	3 700	3 000	2.9	6	1 750	3 500	50	4A
	365	5 800	5 500	5 300	5 200	3 700	3 000	2.6	6	1 750	3 500	50	4A
	413	5 800	5 500	5 300	5 200	3 700	3 000	2.3	6	1 750	3 500	50	4A
	473	5 800	5 500	5 300	5 200	3 700	3 000	2	6	1 750	3 500	50	4A
	621	5 800	5 500	5 300	5 200	3 700	3 000	1.5	6	1 750	3 500	50	4A
	745	5 800	5 500	5 300	5 200	3 700	3 000	1.3	6	1 750	3 500	50	4A
	806	5 800	5 500	5 300	5 200	3 700	3 000	1.2	6	1 750	3 500	50	4A
	1007	5 800	5 500	5 300	5 200	3 700	3 000	1	6	1 750	3 500	50	4A
	1256	5 800	5 500	5 300	5 200	3 700	3 000	0.7	6	1 750	3 500	50	4A
	1495	5 600	5 100	4 400	4 400	3 600	2 950	0.55	6	1 750	3 500	50	4A
1866	4 600	3 950	3 600	3 600	3 500	2 900	0.37	6	1 750	3 500	50	4A	
2545	3 800	3 300	3 100	3 100	3 000	2 400	0.25	6	1 750	3 500	50	4A	

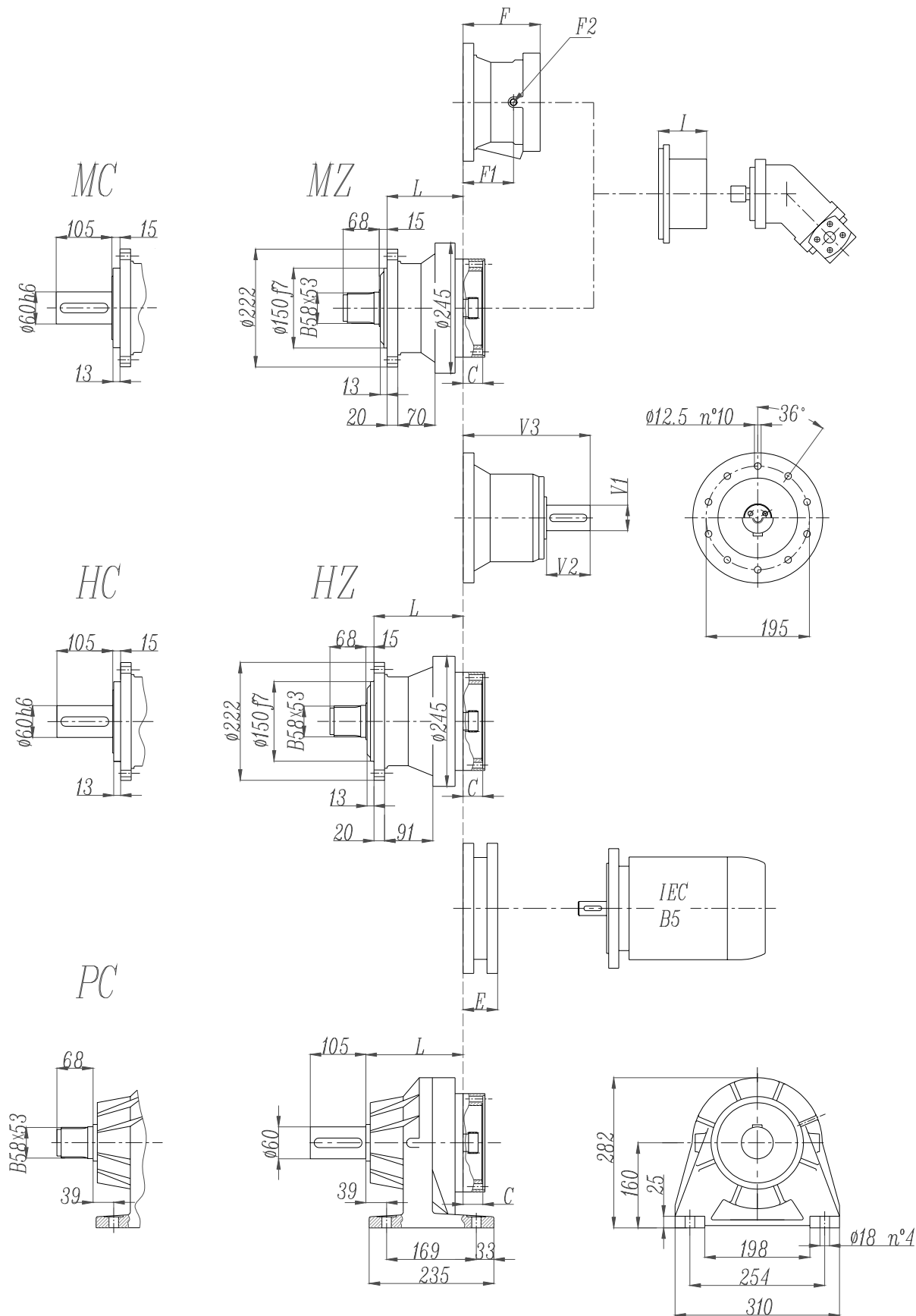
$$M_{2max}=1.2 \times Mn_2(n_2 \times h=10\ 000)$$

**EP305R****M2'=5000N.m**

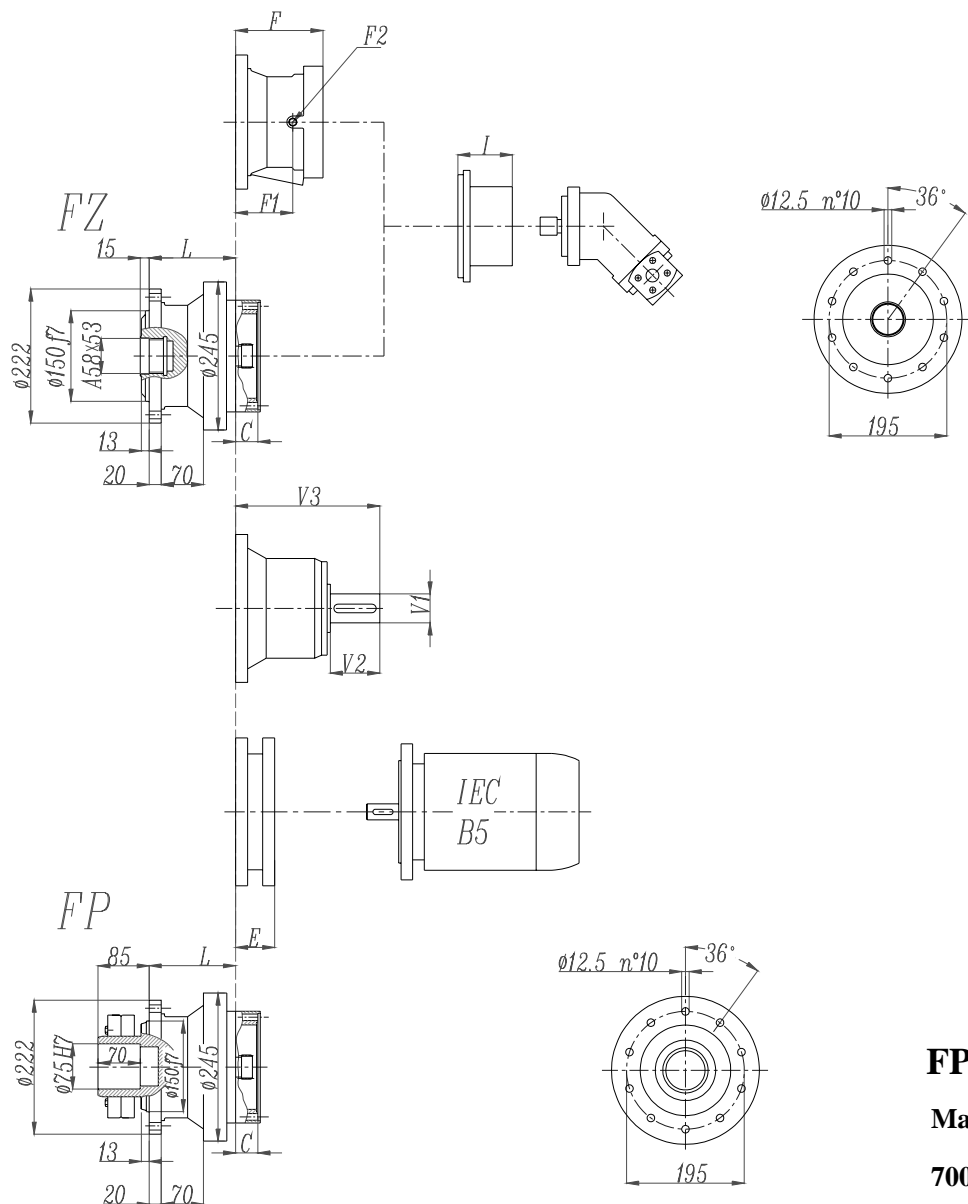
	I	Mn₂ (N.m)						P₁	P_t(KW) (ta=20°C) (n ₁ =1500)	n₁	n_{1max}	M_b	Brake type 制动器
		n ₂ .h 10000	n ₂ .h 25000	n ₂ .h 50000	n ₂ .h 100000	n ₂ .h 500000	n ₂ .h 1000000						
R2	9.4	4 600	4 000	3 500	3 200	2 000	1 600	35	18	1 750	3 500	440	4L
	10.8	5 000	4 600	4 100	3 500	2 100	1 700	35	18	1 750	3 500	440	4L
	12.8	5 300	4 900	4 400	4 200	2 600	2 100	27	18	1 750	3 500	440	4L
	14.3	4 600	3 950	3 600	3 600	3 500	2 900	18.9	18	1 750	3 500	330	4H
	17.5	3 800	3 300	3 100	3 100	3 000	2 400	14.3	18	1 750	3 500	260	4F
R3	25.4	5 000	4 600	4 100	3 500	2 100	1 700	13	14	1 750	3 500	260	4F
	29.1	5 300	4 900	4 400	4 200	2 600	2 100	15	14	1 750	3 500	260	4F
	38.3	5 800	5 500	5 300	5 200	3 700	3 000	14	14	1 750	3 500	260	4F
	49.7	5 800	5 500	5 300	5 200	3 700	3 000	12	14	1 750	3 500	160	4D
	51.4	5 800	5 500	5 300	5 200	3 700	3 000	12	14	1 750	3 500	160	4D
	59.1	5 600	5 100	4 400	4 400	3 600	2 950	10	14	1 750	3 500	160	4D
	61.5	5 600	5 100	4 400	4 400	3 600	2 950	10	14	1 750	3 500	100	4B
	65.9	4 600	3 950	3 600	3 600	3 500	2 900	9	14	1 750	3 500	100	4B
	82.2	4 600	3 950	3 600	3 600	3 500	2 900	7	14	1 750	3 500	100	4B
	101	3 800	3 300	3 100	3 100	3 000	2 400	5.3	14	1 750	3 500	50	4A
R4	98.6	5 800	5 500	5 300	5 200	3 700	3 000	7	12	1 750	3 500	100	4B
	113	5 800	5 500	5 300	5 200	3 700	3 000	6.1	12	1 750	3 500	100	4B
	130	5 800	5 500	5 300	5 200	3 700	3 000	5.5	12	1 750	3 500	50	4A
	147	5 800	5 500	5 300	5 200	3 700	3 000	5	12	1 750	3 500	50	4A
	168	5 800	5 500	5 300	5 200	3 700	3 000	4.5	12	1 750	3 500	50	4A
	221	5 800	5 500	5 300	5 200	3 700	3 000	4	12	1 750	3 500	50	4A
	287	5 800	5 500	5 300	5 200	3 700	3 000	3.3	12	1 750	3 500	50	4A
	358	5 800	5 500	5 300	5 200	3 700	3 000	2.6	12	1 750	3 500	50	4A
	426	5 600	5 100	4 400	4 400	3 600	2 950	1.9	12	1 750	3 500	50	4A
	531	4 600	3 950	3 600	3 600	3 500	2 900	1.2	12	1 750	3 500	50	4A
725	3 800	3 300	3 100	3 100	3 000	2 400	0.75	12	1 750	3 500	50	4A	

$$M_{2max}=1.2 \times Mn_2(n_2 \times h=10\ 000)$$

EP305L



EP305L

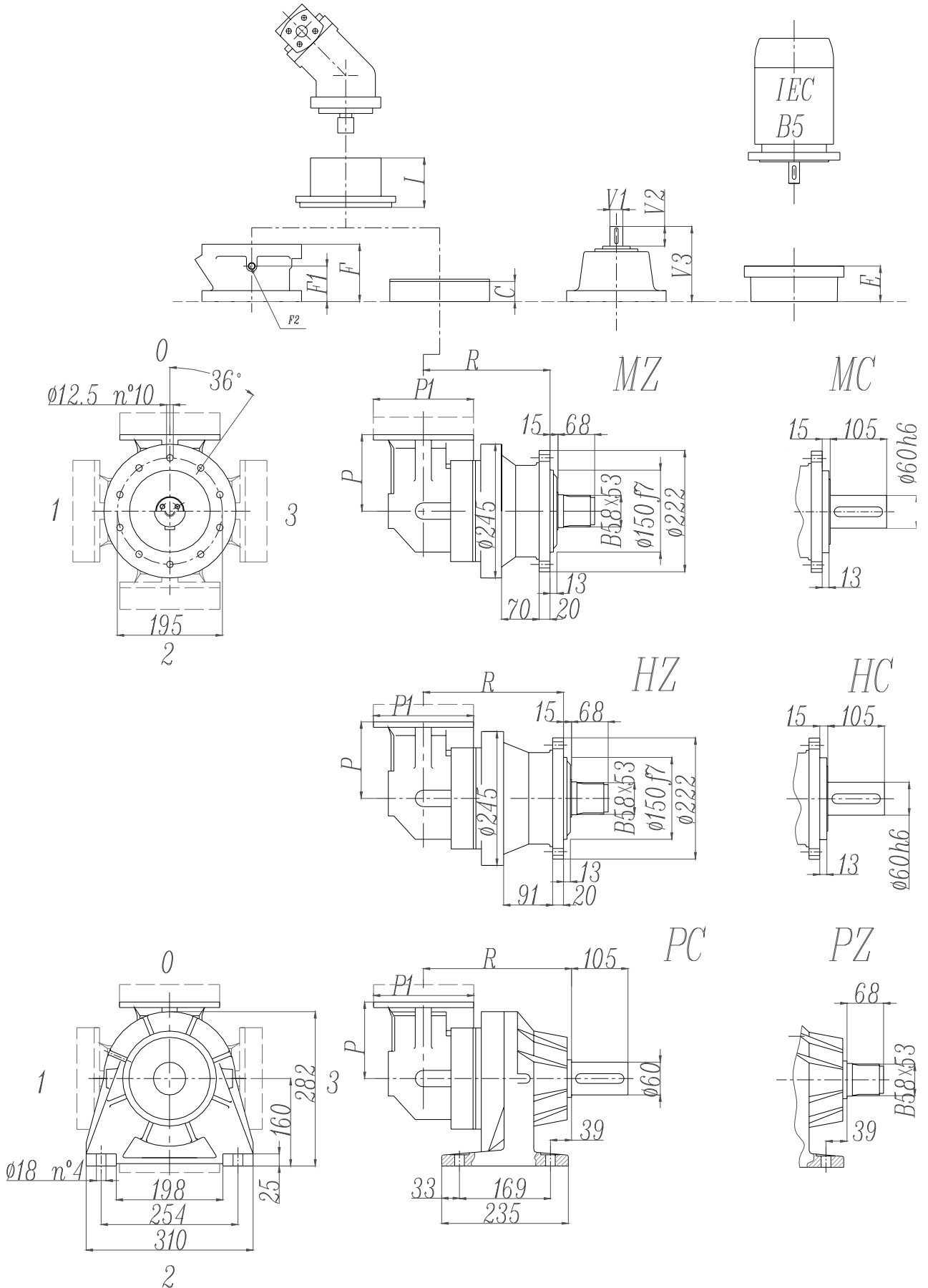


FP version
Max. transmissible
7000 N.m

	L				Ref. weight (without input) (Kg)				C	I	Brake				
	MZ MC	FZ FP	HZ HC	PC PZ	MZ MC	FZ FP	HZ HC	PC PZ			F	F1	F2	Type	Ref. Weight
305L1	147	147	172	187	36	36	40	45	37	According to hydraulic motor	145	95	1/4 G	5	22 Kg
305L2	212	212	237	252	43	43	47	52	37		105	65	1/4 G	4	15 Kg
305L3	265	265	292	305	47	47	51	56	37		105	65	1/4 G	4	
305L4	318	318	343	358	51	51	55	60	37		105	65	1/4 G	4	

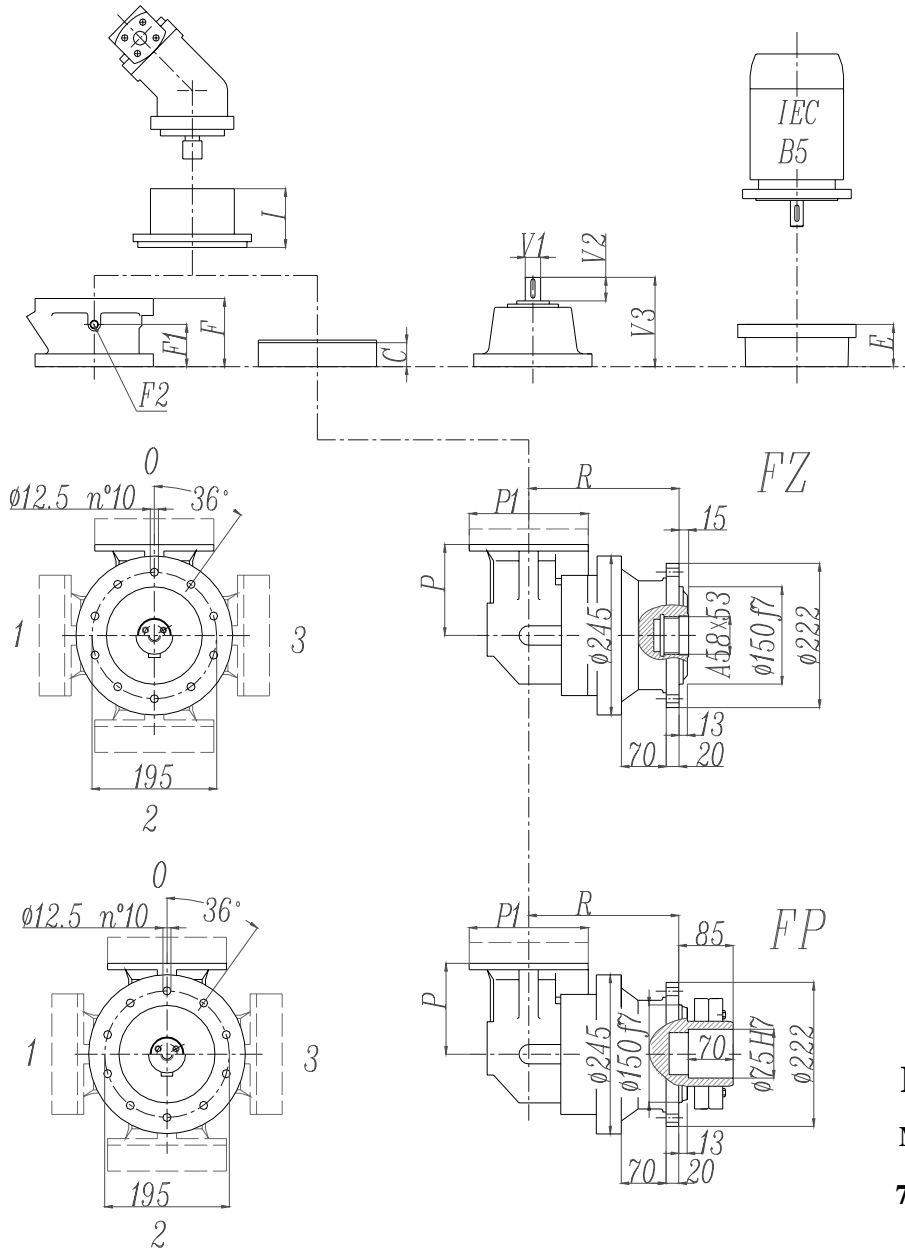
	E (IEC motor input)											
			IEC71	IEC80	IEC90	IEC100	IEC112	IEC132	IEC160	IEC180	IEC200	
305L1								114	144	144	174	
305L2			65	84	84	94	94	114	144			
305L3			65	84	84	94	94	114	144			
305L4			65	84	84	94	94	114	144			

EP305R





EP305R

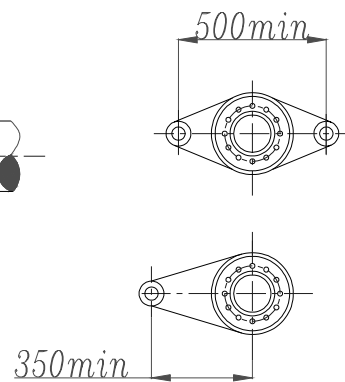
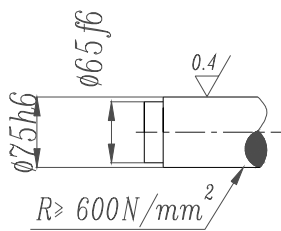
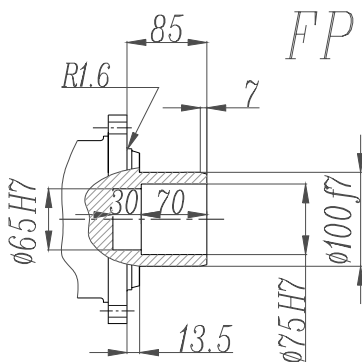
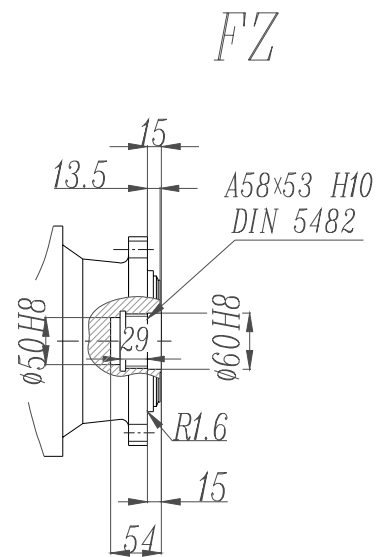
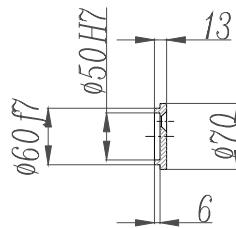
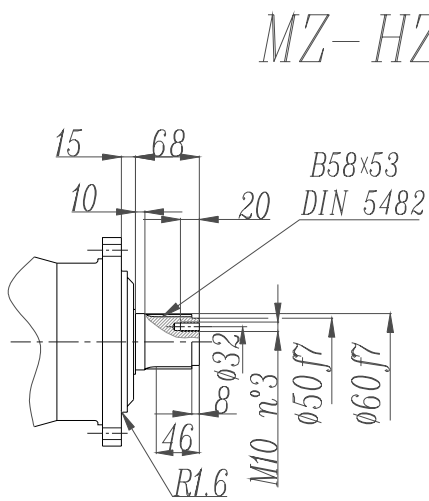
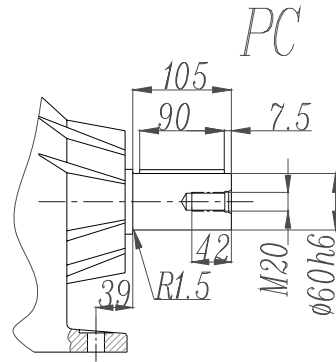
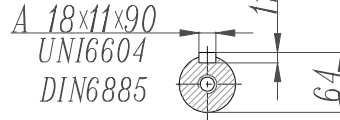
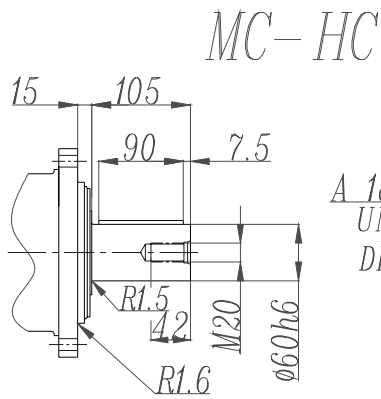


FP version
Max. transmissible
7000 N.m

	R				Ref. weight (without input) (Kg)				C	P	I	Brake				
	MZ	FZ	HZ	PC	MZ	FZ	HZ	PC				F	F1	F2	Type	Ref. Weight
	MC	FP	HC	PZ	MC	FP	HC	PZ								
305R2	239	239	264	279	51	51	55	60	37	140	According to hydraulic motor	105	65	1/4 G	4	15 Kg
305R3	304	304	329	344	49	49	53	58	37	122		105	65	1/4 G	4	
305R4	357	357	382	397	53	53	57	62	37	122		105	65	1/4 G	4	

	P1	E (IEC motor input)					
		IEC71	IEC80	IEC90	IEC100	IEC112	IEC132
305R2	186	65	84	84	94	94	114
305R3	186	65	84	84	94	94	114
305R4	186	65	84	84	94	94	114

EP305L - EP305R



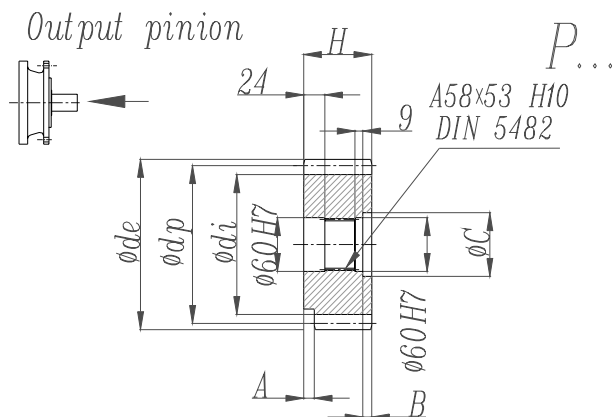
FP version

Max. transmissible

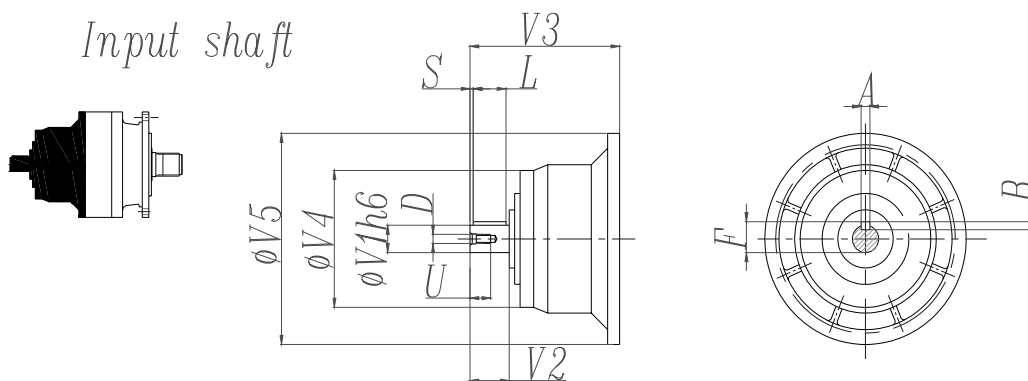
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EP305L - EP305R



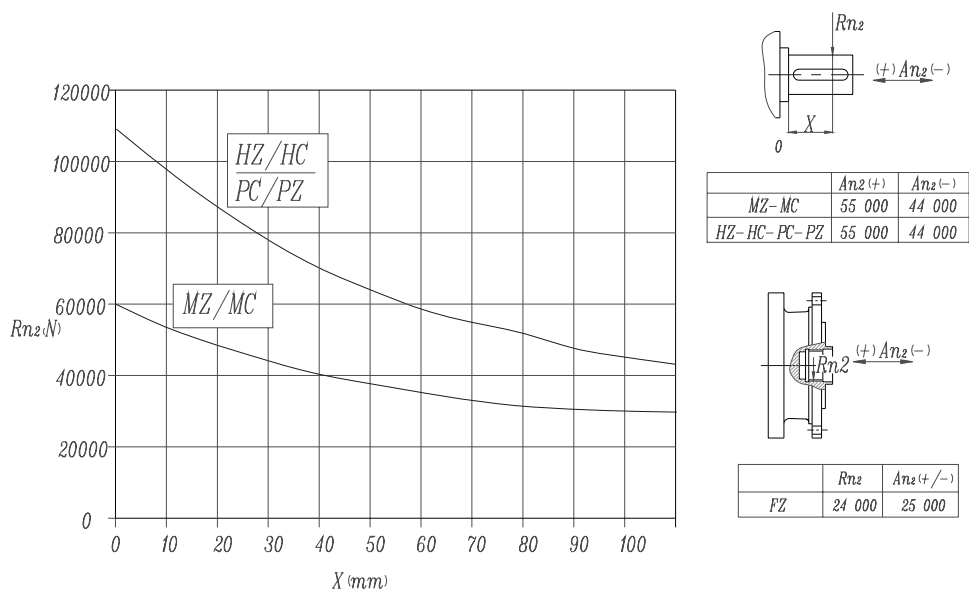
	m	z	x	dp	di	de	H	A	B	C
PCL1	5	19	0	95	82	104	77	12	9	72
PCL2	5	19	0	95	82	104	68	0	0	0
PCM	5	20	0	100	87.5	110	68	18	0	0
PCP	5	22	0	110	97.5	120	68	18	0	0
PDE	6	14	0.5000	84	75	99.6	68	0	0	0
PDI	6	18	0.5000	108	99	123.6	68	0	0	0
PDM	6	20	0.833	120	115	140	68	0	0	0
PFD	8	13	0.675	104	95	127.6	68	0	0	0
PFE1	8	14	0	112	92	126	68	0	0	0
PFE2	8	14	0	112	92	126	80	0	12	72
PFE	8	15	0	120	100	136	68	0	0	0
PFP	8	22	0	176	156	190	77	12	10	71
PHG	10	16	0.5000	160	145	188	75	0	7	72



	CODE	V1	V2	V3	V4	V5	A	B	F	L	S	D	U
305L1	V05B	48	82	239	155	245	14	9	51.5	70	6	M16	36
305L2	V01A	24	36	137.5	120	186	8	7	27	30	3	M8	19
	V01B	38	58	158	120	186	10	8	41	50	4	M12	28
305L3	V01A	24	36	137.5	120	186	8	7	27	30	3	M8	19
	V01B	38	58	158	120	186	10	8	41	50	4	M12	28
305L4	V01A	24	36	137.5	120	186	8	7	27	30	3	M8	19
	V01B	38	58	158	120	186	10	8	41	50	4	M12	28
305R2-R3-R4	V01A	24	36	137.5	120	186	8	7	27	30	3	M8	19
	V01B	38	58	158	120	186	10	8	41	50	4	M12	28

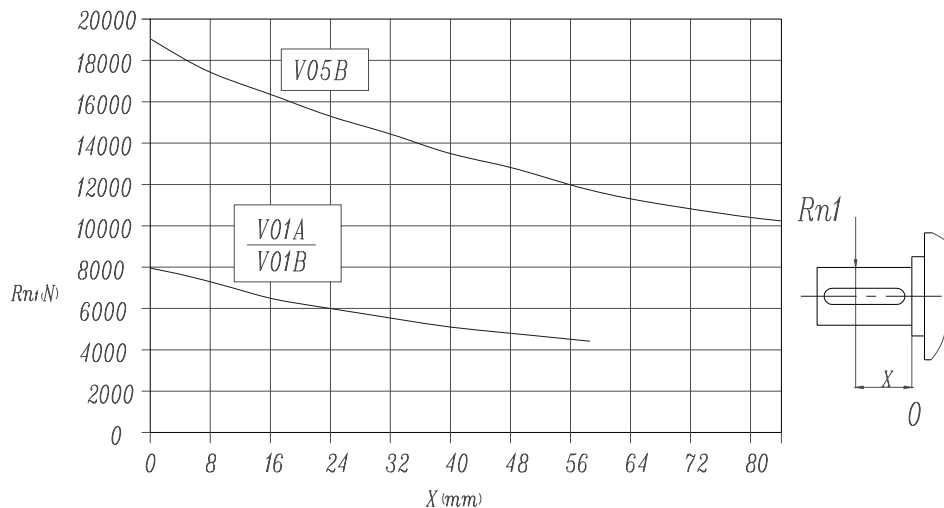
EP305L - EP305R

Permissible radial and axial loads on output shaft with Fh2 ($n_2 \cdot h=10\ 000$)

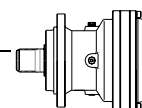


Load corrective factor fh2 on shafts	fh2= $n_2 \cdot h$		10 000	25 000	50 000	100 000	500 000	1 000 000
	fh2	MZ-MC-PC-PZ-FZ	1	0.74	0.58	0.46	0.27	0.21
		HZ-HC	1	0.76	0.61	0.50	0.31	0.25

Permissible radial loads on input shaft with Fh1 ($n_1 \cdot h=250\ 000$)



Load corrective factor fh1 on shafts	Fh1= $n_1 \cdot h$		250 000	500 000	1 000 000	2 00 000	5 000 000	10 000 000
	fh1		1	0.79	0.63	0.50	0.37	0.29



EP306L

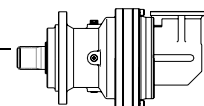
M2'=8500N.m

	I 1:	Mn ₂ (N.m)						P ₁ (KW)	P _t (KW) (ta=20°C) (n ₁ =1500)	n ₁ (min ⁻¹)	n _{1max} (min ⁻¹)	M _b (N.m)	Brake type 制动器
		n ₂ .h 10000	n ₂ .h 25000	n ₂ .h 50000	n ₂ .h 100000	n ₂ .h 500000	n ₂ .h 1000000						
L1	3.7	10 000	9 600	9 400	9 300	6 000	4 850	75	18	1 500	3 000	3 200	6L
	4.2	10 000	9 600	9 400	9 300	6 000	4 850	75	18	1 500	3 000	3 200	6L
	4.9	9 500	8 500	7 800	7 800	5 700	4 600	75	18	1 500	3 000	2 600	6K
	5.8	8 500	7 200	6 500	6 500	5 700	4 650	75	18	1 500	3 000	2 100	6G
	7.1	7 000	5 900	5 500	5 500	4 700	3 850	60	18	1 500	3 000	1 500	6E
L2	13.5	10 000	9 600	9 400	9 300	6 000	4 850	40	13	1 750	3 500	1 000	5K
	17.6	10 000	9 600	9 400	9 300	6 000	4 850	40	13	1 750	3 500	1 000	5K
	21	10 000	9 600	9 400	9 300	6 000	4 850	40	13	1 750	3 500	800	5G
	24.7	9 500	8 500	7 800	7 800	5 700	4 600	30	13	1 750	3 500	400	5B
	28.9	8 500	7 200	6 500	6 500	5 700	4 650	26	13	1 750	3 500	400	5B
	32.2	8 500	7 200	6 500	6 500	5 700	4 650	24	13	1 750	3 500	400	5B
	39.5	8 500	7 200	6 500	6 500	5 700	4 650	22	13	1 750	3 500	400	5B
	48.4	7 000	5 900	5 500	5 500	4 700	3 850	16	13	1 750	3 500	400	5B
L3	45.7	10 000	9 600	9 400	9 300	6 000	4 850	21	7.5	1 750	3 500	330	4H
	59.6	10 000	9 600	9 400	9 300	6 000	4 850	16.5	7.5	1 750	3 500	260	4F
	78.2	10 000	9 600	9 400	9 300	6 000	4 850	13	7.5	1 750	3 500	260	4F
	102	10 000	9 600	9 400	9 300	6 000	4 850	11	7.5	1 750	3 500	160	4D
	143	9 500	8 500	7 800	7 800	5 700	4 600	9	7.5	1 750	3 500	160	4D
	167	8 500	7 200	6 500	6 500	5 700	4 650	6.9	7.5	1 750	3 500	100	4B
	186	8 500	7 200	6 500	6 500	5 700	4 650	6.2	7.5	1 750	3 500	100	4B
	232	8 500	7 200	6 500	6 500	5 700	4 650	5.1	7.5	1 750	3 500	100	4B
	284	8 500	7 200	6 500	6 500	5 700	4 650	4.2	7.5	1 750	3 500	50	4A
	348	7 000	5 900	5 500	5 500	4 700	3 850	2.8	7.5	1 750	3 500	50	4A
L4	203	10 000	9 600	9 400	9 300	6 000	4 850	8	6	1 750	3 500	100	4B
	264	10 000	9 600	9 400	9 300	6 000	4 850	6.2	6	1 750	3 500	100	4B
	344	10 000	9 600	9 400	9 300	6 000	4 850	4.9	6	1 750	3 500	50	4A
	451	10 000	9 600	9 400	9 300	6 000	4 850	3.8	6	1 750	3 500	50	4A
	586	10 000	9 600	9 400	9 300	6 000	4 850	2.9	6	1 750	3 500	50	4A
	731	10 000	9 600	9 400	9 300	6 000	4 850	2.4	6	1 750	3 500	50	4A
	822	9 500	8 500	7 800	7 800	5 700	4 600	1.7	6	1 750	3 500	50	4A
	1026	9 500	8 500	7 800	7 800	5 700	4 600	1.4	6	1 750	3 500	50	4A
	1202	8 500	7 200	6 500	6 500	5 700	4 650	1.1	6	1 750	3 500	50	4A
	1339	8 500	7 200	6 500	6 500	5 700	4 650	0.96	6	1 750	3 500	50	4A
	1671	8 500	7 200	6 500	6 500	5 700	4 650	0.8	6	1 750	3 500	50	4A
	2045	8 500	7 200	6 500	6 500	5 700	4 650	0.7	6	1 750	3 500	50	4A
2506	7 000	5 900	5 500	5 500	4 700	3 850	0.5	6	1 750	3 500	50	4A	

M_{2max}=1.2×Mn₂(n₂×h=10 000)



M2'=8500N.m

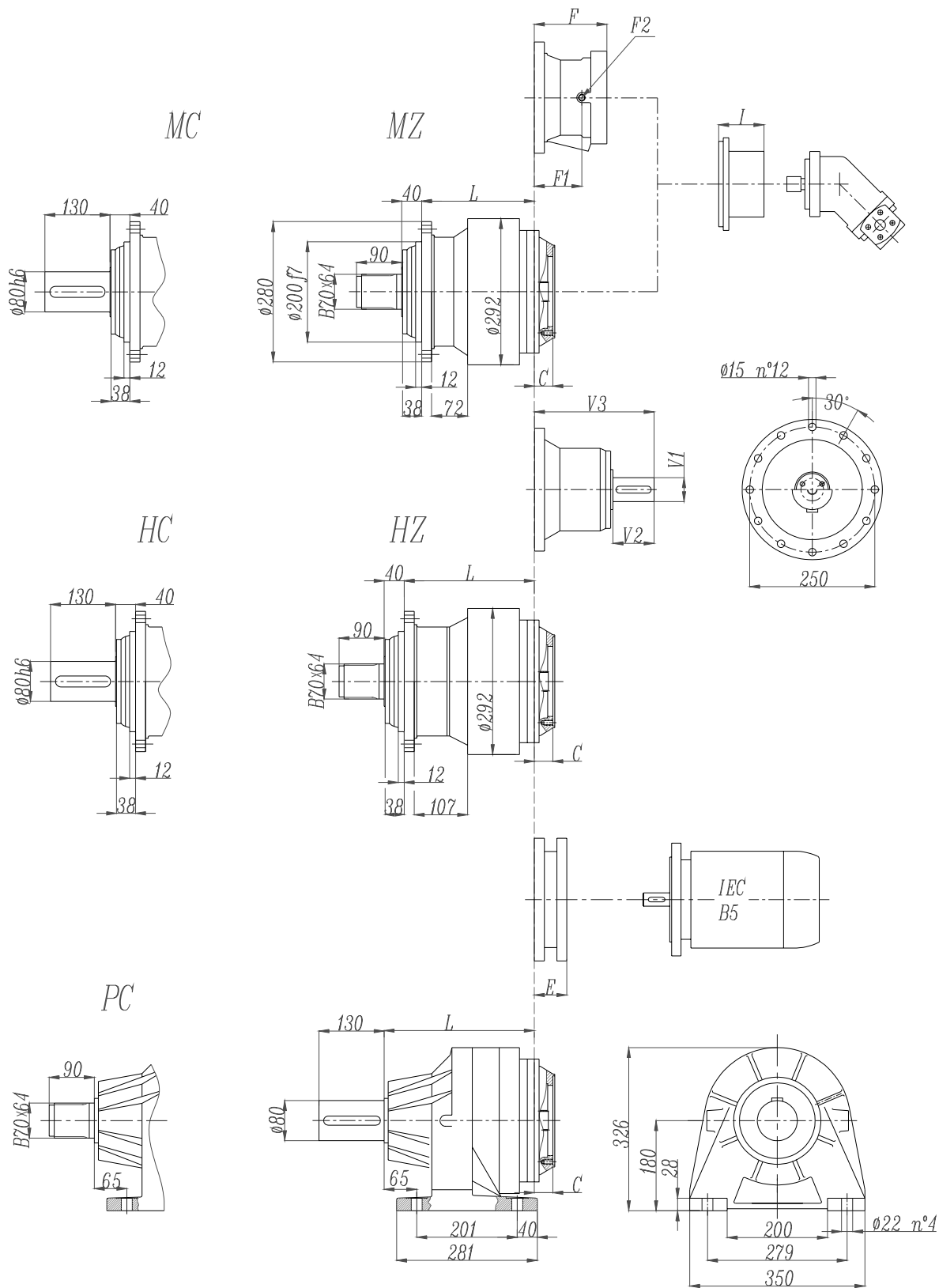


EP306R

	I 1:	Mn ₂ (N.m)						P ₁ (KW)	P _t (KW) (ta=20°C) (n ₁ =1500)	n ₁ (min ⁻¹)	n _{1max} (min ⁻¹)	M _b (N.m)	Brake type 制动器
		n ₂ .h 10000	n ₂ .h 25000	n ₂ .h 50000	n ₂ .h 100000	n ₂ .h 500000	n ₂ .h 1000000						
R2	9.4	6 500	5 600	5 100	4 200	2 600	2 150	35	18	1 750	3 500	440	4L
	10.7	7 000	5 900	5 500	5 500	4 700	3 850	35	18	1 750	3 500	440	4L
	12.7	9 500	8 500	7 800	7 800	5 700	4 600	35	18	1 750	3 500	440	4L
	14.8	8 500	7 200	6 500	6 500	5 700	4 650	35	18	1 750	3 500	440	4L
	18.2	7 000	5 900	5 500	5 500	4 700	3 850	35	18	1 750	3 500	440	4L
R3	27.7	10 000	9 600	9 400	9 300	6 000	4 850	35	14	1 750	3 500	440	4L
	36	10 000	9 600	9 400	9 300	6 000	4 850	27	14	1 750	3 500	400	4K
	43	10 000	9 600	9 400	9 300	6 000	4 850	23	14	1 750	3 500	400	4K
	50.7	9 500	8 500	7 800	7 800	5 700	4 600	19	14	1 750	3 500	330	4H
	59.3	8 500	7 200	6 500	6 500	5 700	4 650	16.5	14	1 750	3 500	330	4H
	66	8 500	7 200	6 500	6 500	5 700	4 650	15	14	1 750	3 500	260	4F
	80.9	8 500	7 200	6 500	6 500	5 700	4 650	13	14	1 750	3 500	160	4D
	99.1	7 000	5 900	5 500	5 500	4 700	3 850	9	14	1 750	3 500	100	4B
R4	93.6	10 000	9 600	9 400	9 300	6 000	4 850	14	12	1 750	3 500	160	4D
	122	10 000	9 600	9 400	9 300	6 000	4 850	11.3	12	1 750	3 500	160	4D
	160	10 000	9 600	9 400	9 300	6 000	4 850	9.5	12	1 750	3 500	100	4B
	208	10 000	9 600	9 400	9 300	6 000	4 850	7.5	12	1 750	3 500	100	4B
	292	9 500	8 500	7 800	7 800	5 700	4 600	4.8	12	1 750	3 500	50	4A
	342	8 500	7 200	6 500	6 500	5 700	4 650	3.2	12	1 750	3 500	50	4A
	381	8 500	7 200	6 500	6 500	5 700	4 650	2.9	12	1 750	3 500	50	4A
	476	8 500	7 200	6 500	6 500	5 700	4 650	2.4	12	1 750	3 500	50	4A
	582	8 500	7 200	6 500	6 500	5 700	4 650	2	12	1 750	3 500	50	4A
	714	7 000	5 900	5 500	5 500	4 700	3 850	1.5	12	1 750	3 500	50	4A

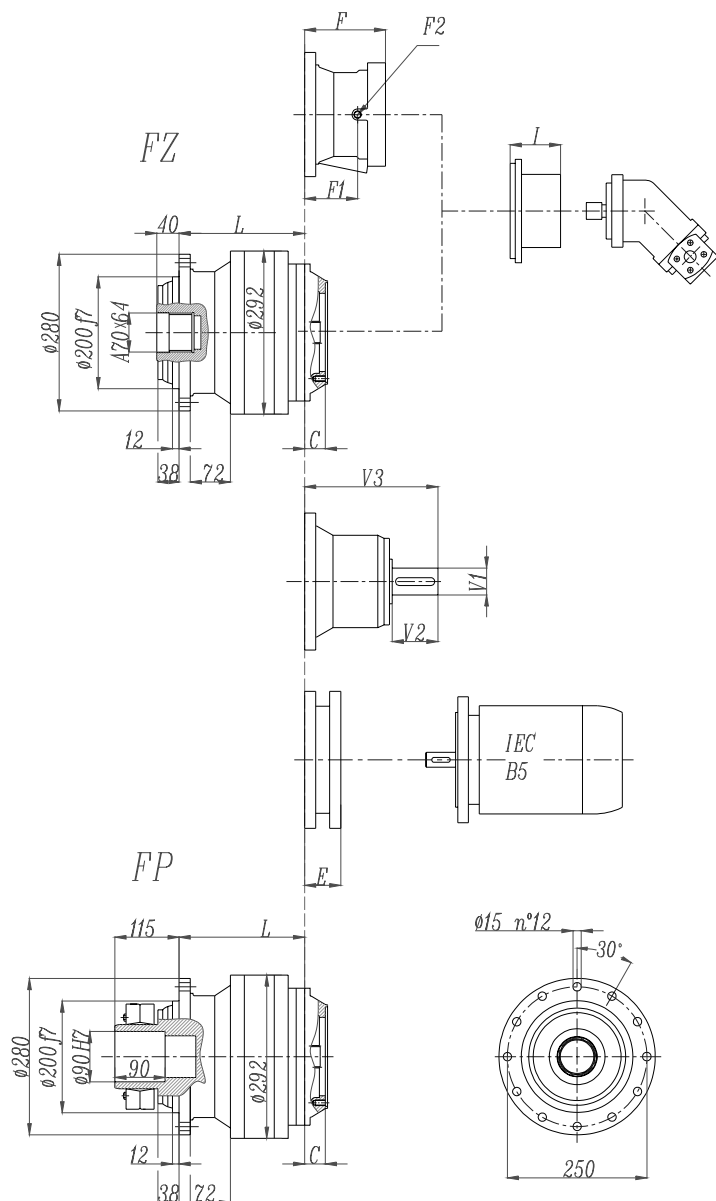
$M_{2max}=1.2 \times Mn_2(n_2 \times h=10\ 000)$

EP306L





EP306L

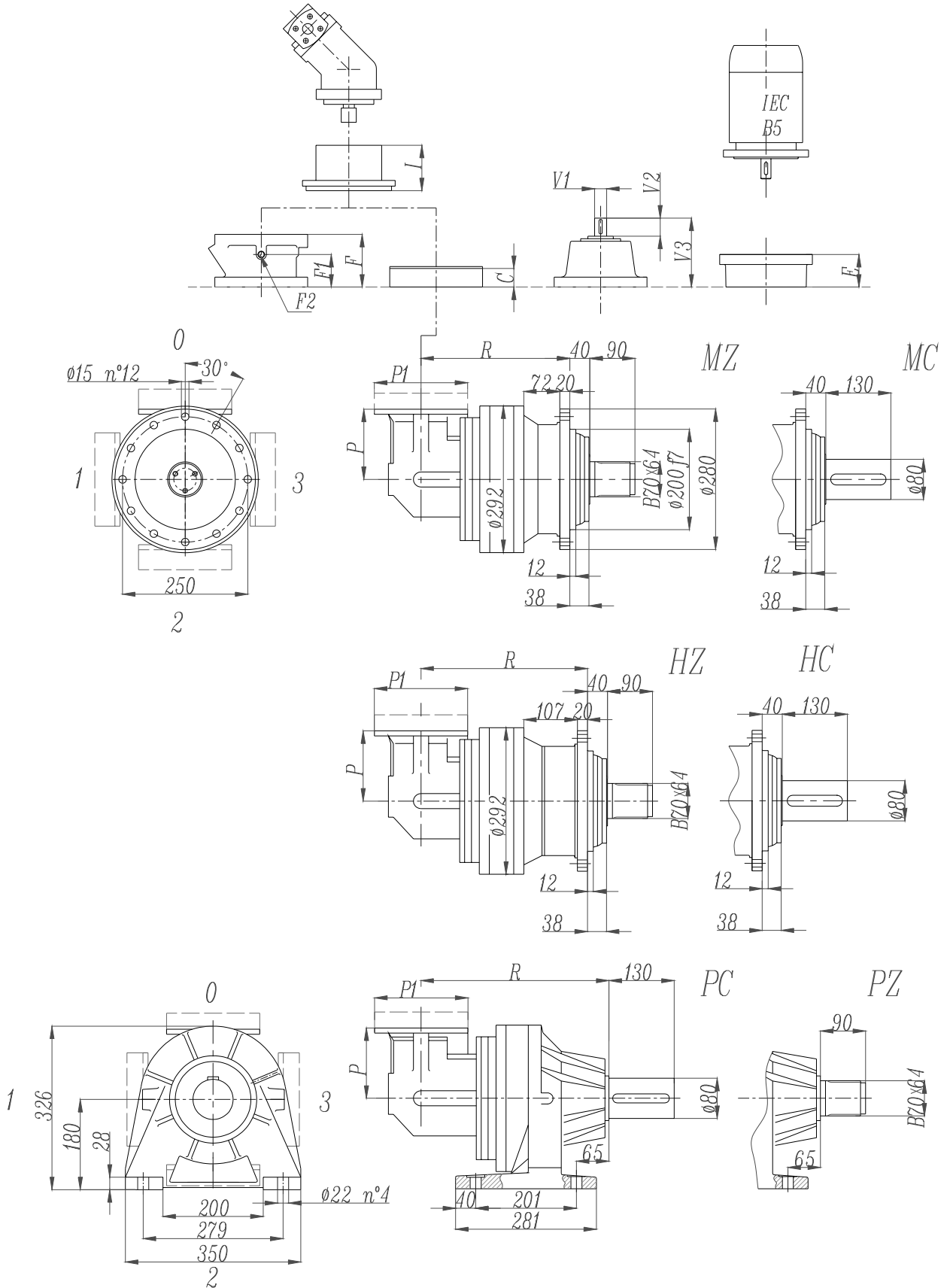


FP version
Max. transmissible
12000 N.m

	L				Ref. weight (without input) (Kg)				C	I	Brake				
	MZ MC	FZ FP	HZ HC	PC PZ	MZ MC	FZ FP	HZ HC	PC PZ			F	F1	F2	Type	Ref. Weight
306L1	160	160	195	235	65	65	70	80	45	According to hydraulic motor	195	147	1/4 G	6	35 Kg
306L2	229	229	264	304	74	74	79	89	37		145	95	1/4 G	5	22 Kg
306L3	282	282	317	357	78	78	83	93	37		105	65	1/4 G	4	15 Kg
306L4	335	335	370	410	82	82	87	97	37		105	65	1/4 G	4	15 Kg

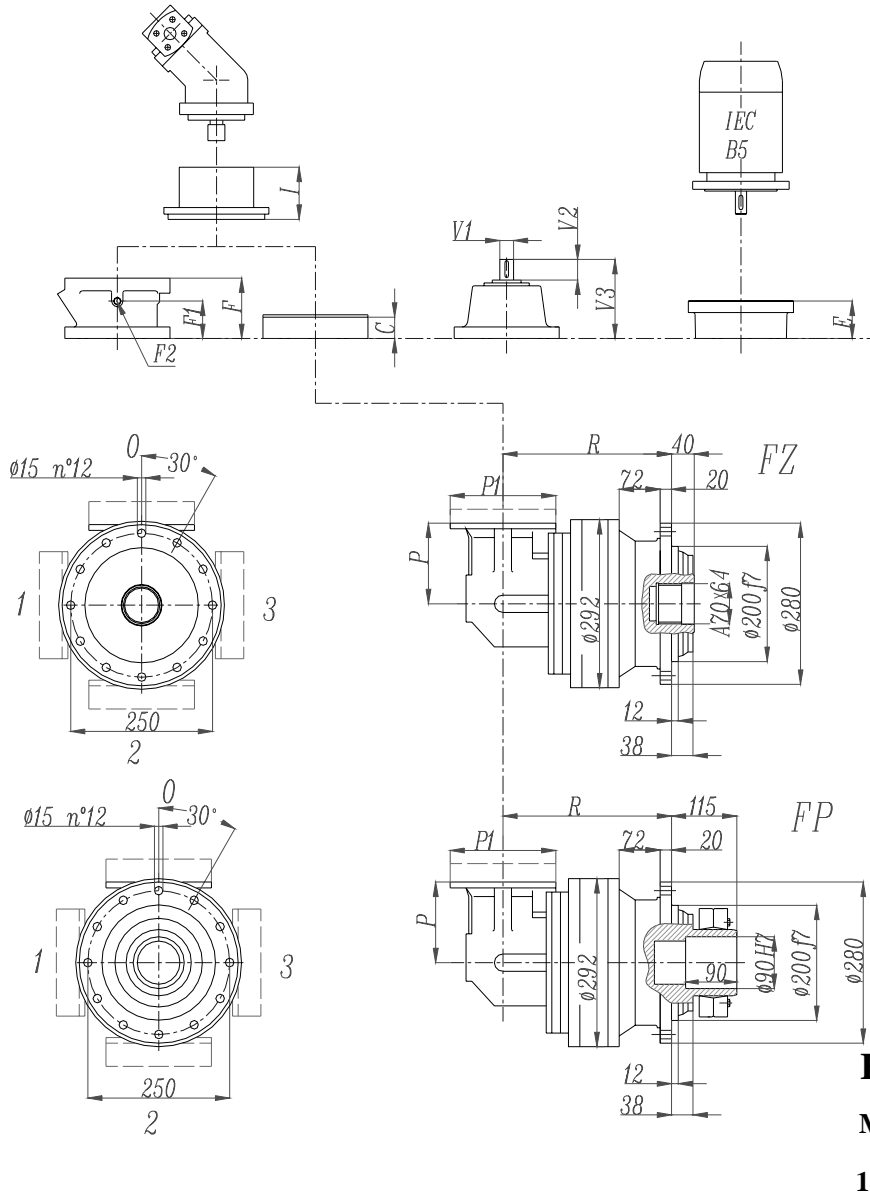
	E (IEC motor input)													
	IEC 71	IEC 80	IEC 90	IEC 100	IEC 112	IEC 132	IEC 160	IEC 180	IEC 200	IEC 225	IEC 250			
306L1							152	152	182	212	193			
306L2	65	84	84	94	94	114	144							
306L3	65	84	84	94	94	114	144							
306L4	65	84	84	94	94	114	144							

EP306R





EP306R

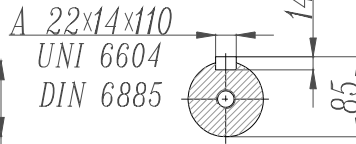
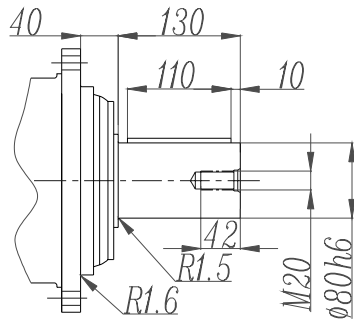


	R				Ref. weight (without input) (Kg)				C	P	I	Brake				
	MZ MC	FZ FP	HZ HC	PC PZ	MZ MC	FZ FP	HZ HC	PC PZ				F	F1	F2	Type	Ref. Weight
306R2	297	297	332	372	89	89	94	104	37	140	According to hydraulic motor	105	65	1/4 G	4	15 Kg
306R3	321	321	356	396	85	85	90	100	37	140		105	65	1/4 G	4	
306R4	374	374	409	449	79	79	84	94	37	122		105	65	1/4 G	4	

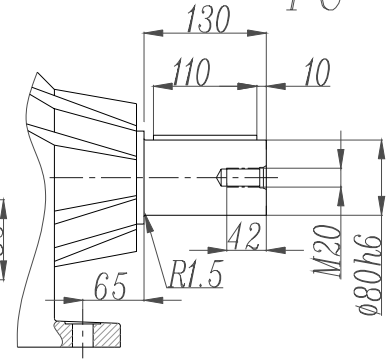
	P1	E (IEC motor input)						
		IEC71	IEC80	IEC90	IEC100	IEC112	IEC132	IEC160
306R2	186	65	84	84	94	94	114	144
306R3	186	65	84	84	94	94	114	144
306R4	186	65	84	84	94	94	114	144

EP306L - EP306R

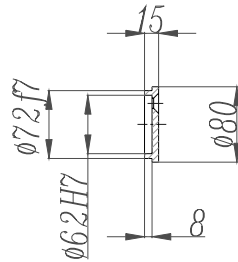
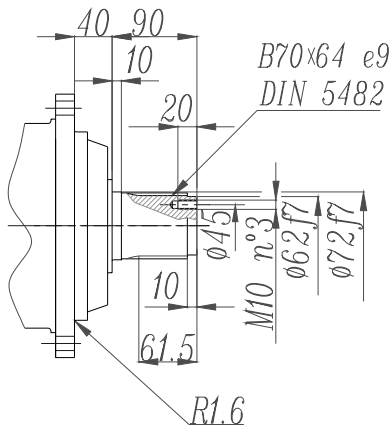
MC-HC



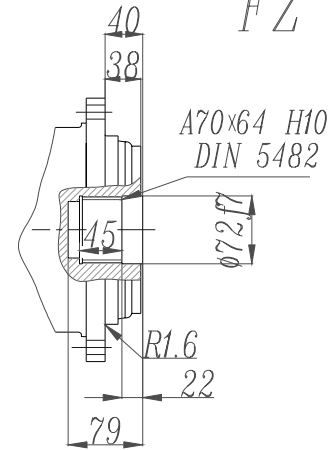
PC



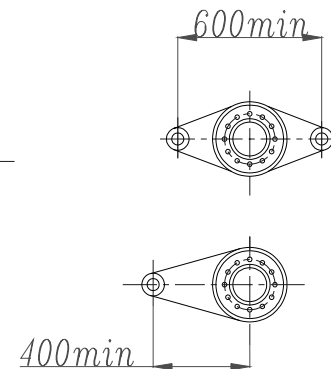
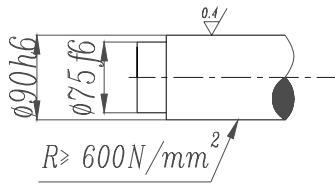
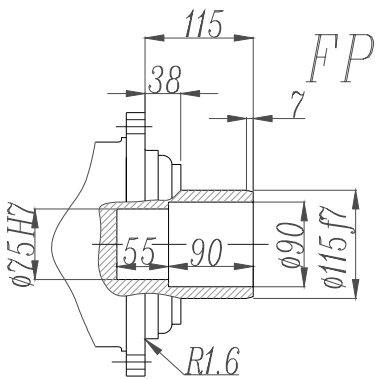
MZ-HZ



FZ



FP

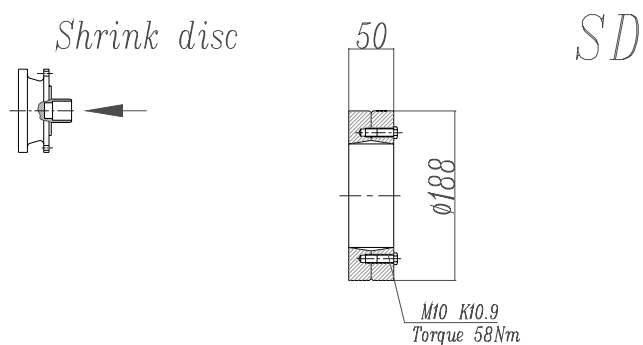
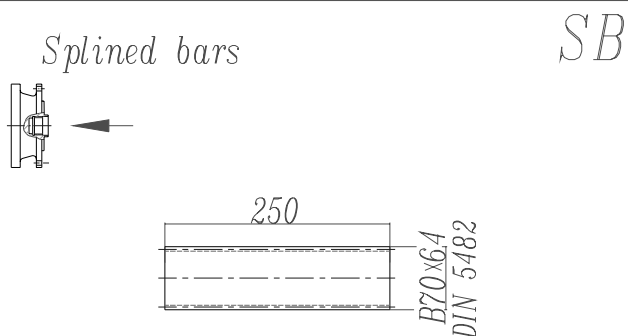
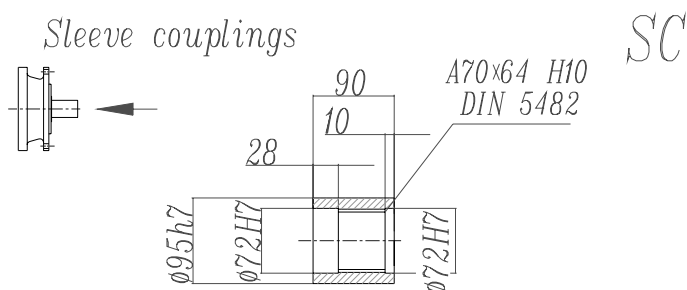
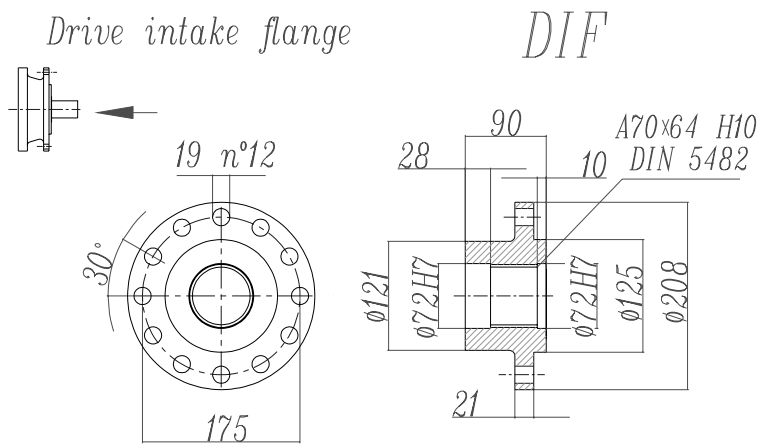


FP version

Max. transmissible

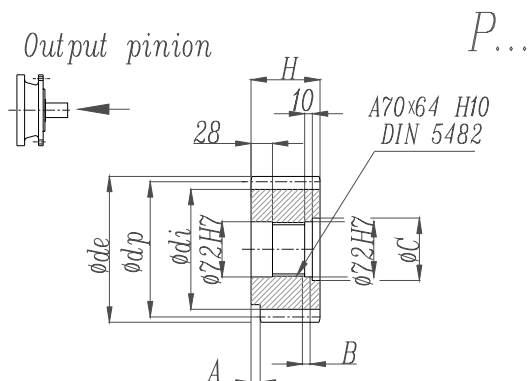
12000 N.m

EP306L - EP306R

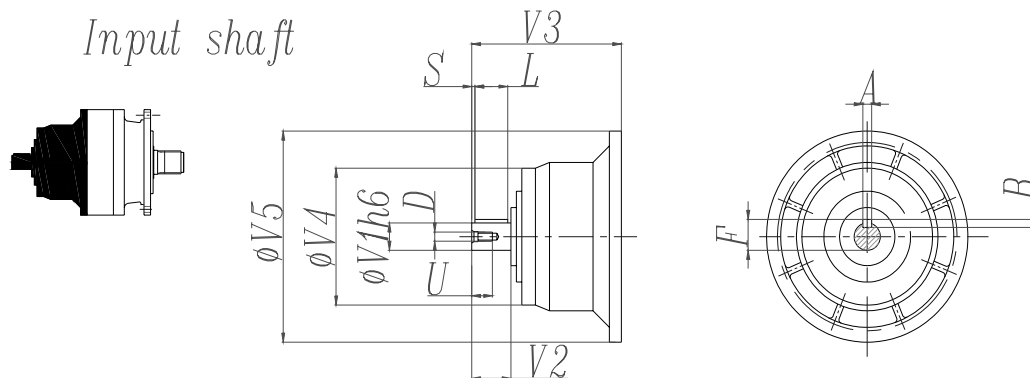




EP306L - EP306R



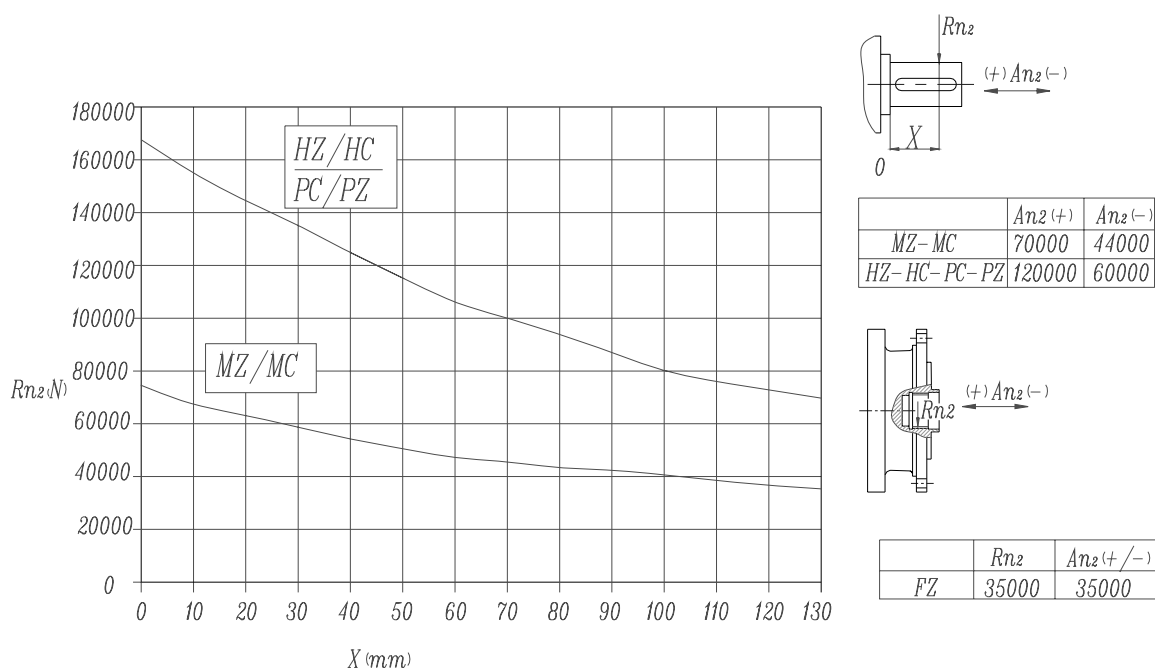
	m	z	x	dp	di	de	H	A	B	C
PFE1	8	15	0	120	100	134	90	0	0	0
PFE2	8	15	0.5000	120	108	141	90	0	0	0
PHB	10	11	0.500	110	95	136	90	10	0	0
PHC1	10	12	0.450	120	104	145	90	0	0	0
PHC2	10	12	0.320	120	100	144.2	90	0	0	0
PHC3	10	12	0.350	120	101	144	90	0	0	0
PHD1	10	13	0.950	130	124	165	90	0	0	0
PHD2	10	13	0.500	130	115	159	90	0	0	0
PHE1	10	14	0	140	115	160	90	0	0	0
PHE2	10	14	0.500	140	125	166	90	0	0	0
PHF	10	15	0	150	127	167	90	24	0	0
PHH	10	17	0.480	170	154	197.5	90	10	0	0
PHM	10	20	0	200	175	220	90	10	0	0



	CODE	V1	V2	V3	V4	V5	A	B	F	L	S	D	U
306L1	V06B	60	105	307	155	292	18	11	64	90	7.5	M16	36
306L2	V05B	48	82	239	155	245	14	9	51.5	70	6	M16	36
306L3	V01A	24	36	137.5	120	186	8	7	27	30	3	M8	19
	V01B	38	58	158	120	186	10	8	41	50	4	M12	28
306L4	V01A	24	36	137.5	120	186	8	7	27	30	3	M8	19
	V01B	38	58	158	120	186	10	8	41	50	4	M12	28
306R2-R3-R4	V01A	24	36	137.5	120	186	8	7	27	30	3	M8	19
	V01B	38	58	158	120	186	10	8	41	50	4	M12	28

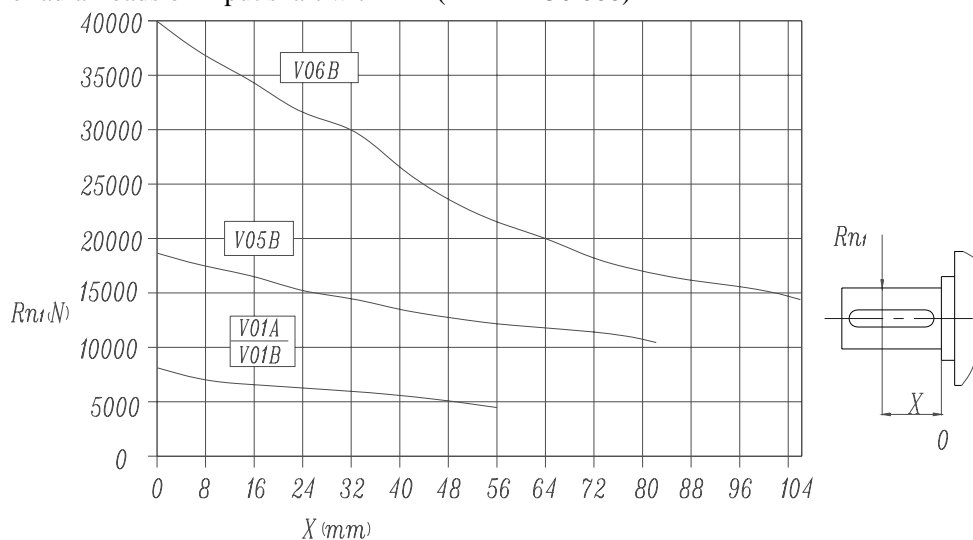
EP306L - EP306R

Permissible radial and axial loads on output shaft with Fh2 ($n_2 \cdot h=10\ 000$)

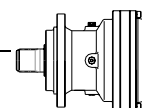


Load corrective factor fh2 on shafts	fh2= $n_2 \cdot h$		10 000	25 000	50 000	100 000	500 000	1 000 000
	fh2	MZ-MC-PC-PZ-FZ	1	0.74	0.58	0.46	0.27	0.21
		HZ-HC	1	0.76	0.61	0.50	0.31	0.25

Permissible radial loads on input shaft with Fh1 ($n_1 \cdot h=250\ 000$)



Load corrective factor fh1 on shafts	Fh1= $n_1 \cdot h$		250 000	500 000	1 000 000	2 00 000	5 000 000	10 000 000
	fh1		1	0.79	0.63	0.50	0.37	0.29



EP307L

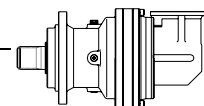
M2'=12500N.m

	I 1:	Mn ₂ (N.m)						P ₁ (KW)	P _t (KW) (ta=20°C) (n ₁ =1500)	n ₁ (min ⁻¹)	n _{1max} (min ⁻¹)	M _b (N.m)	Brake type 制动器
		n ₂ .h 10000	n ₂ .h 25000	n ₂ .h 50000	n ₂ .h 100000	n ₂ .h 500000	n ₂ .h 1000000						
L1	3.4	15 000	13 800	12 900	12 500	7 900	6 400	100	22	1 500	2 500	3 200	6L
	4.4	15 000	13 800	12 900	12 500	7 900	6 400	100	22	1 500	2 500	3 200	6L
	5.3	14 000	12 000	10 700	10 500	7 700	6 200	100	22	1 500	2 500	3 200	6L
	6.2	11 000	9 600	8 700	8 700	7 700	6 200	100	22	1 500	2 500	2 100	6K
L2	12.6	15 000	13 800	12 900	12 500	7 900	6 400	60	18	1 750	3 500	1 000	5K
	16.1	15 000	13 800	12 900	12 500	7 900	6 400	60	18	1 750	3 500	1 000	5K
	18.5	15 000	13 800	12 900	12 500	7 900	6 400	60	18	1 750	3 500	1 000	5K
	22	15 000	13 800	12 900	12 500	7 900	6 400	55	18	1 750	3 500	1 000	5K
	26.3	14 000	12 000	10 700	10 500	7 700	6 200	50	18	1 750	3 500	800	5G
	29.2	14 000	12 000	10 700	10 500	7 700	6 200	45	18	1 750	3 500	630	5E
	35.8	14 000	12 000	10 700	10 500	7 700	6 200	37	18	1 750	3 500	500	5C
	42.5	11 000	9 600	8 700	8 700	7 700	6 200	32	18	1 750	3 500	400	5B
	L3	42.5	15 000	13 800	12 900	12 500	7 900	6 400	35	11	1 750	3 500	400
54.6		15 000	13 800	12 900	12 500	7 900	6 400	28	11	1 750	3 500	330	4H
62.5		15 000	13 800	12 900	12 500	7 900	6 400	25	11	1 750	3 500	330	4H
82.1		15 000	13 800	12 900	12 500	7 900	6 400	20	11	1 750	3 500	260	4F
107		15 000	13 800	12 900	12 500	7 900	6 400	16	11	1 750	3 500	160	4D
127		15 000	13 800	12 900	12 500	7 900	6 400	14	11	1 750	3 500	160	4D
151		14 000	12 000	10 700	10 500	7 700	6 200	11.8	11	1 750	3 500	160	4D
169		14 000	12 000	10 700	10 500	7 700	6 200	10	11	1 750	3 500	100	4B
211		14 000	12 000	10 700	10 500	7 700	6 200	8	11	1 750	3 500	100	4B
258		14 000	12 000	10 700	10 500	7 700	6 200	7	11	1 750	3 500	100	4B
306	11 000	9 600	8 700	8 700	7 700	6 200	5	11	1 750	3 500	50	4A	
L4	278	15 000	13 800	12 900	12 500	7 900	6 400	6	7.5	1 750	3 500	50	4A
	365	15 000	13 800	12 900	12 500	7 900	6 400	5	7.5	1 750	3 500	50	4A
	474	15 000	13 800	12 900	12 500	7 900	6 400	4	7.5	1 750	3 500	50	4A
	591	15 000	13 800	12 900	12 500	7 900	6 400	3.3	7.5	1 750	3 500	50	4A
	768	15 000	13 800	12 900	12 500	7 900	6 400	2.6	7.5	1 750	3 500	50	4A
	914	15 000	13 800	12 900	12 500	7 900	6 400	2.2	7.5	1 750	3 500	50	4A
	1090	14 000	12 000	10 700	10 500	7 700	6 200	2	7.5	1 750	3 500	50	4A
	1215	14 000	12 000	10 700	10 500	7 700	6 200	1.7	7.5	1 750	3 500	50	4A
	1516	14 000	12 000	10 700	10 500	7 700	6 200	1.2	7.5	1 750	3 500	50	4A
	1856	14 000	12 000	10 700	10 500	7 700	6 200	1	7.5	1 750	3 500	50	4A
	2202	11 000	9 600	8 700	8 700	7 700	6 200	0.8	7.5	1 750	3 500	50	4A

M_{2max}=1.2×Mn₂(n₂×h=10 000)



TMM2'=12500N.m

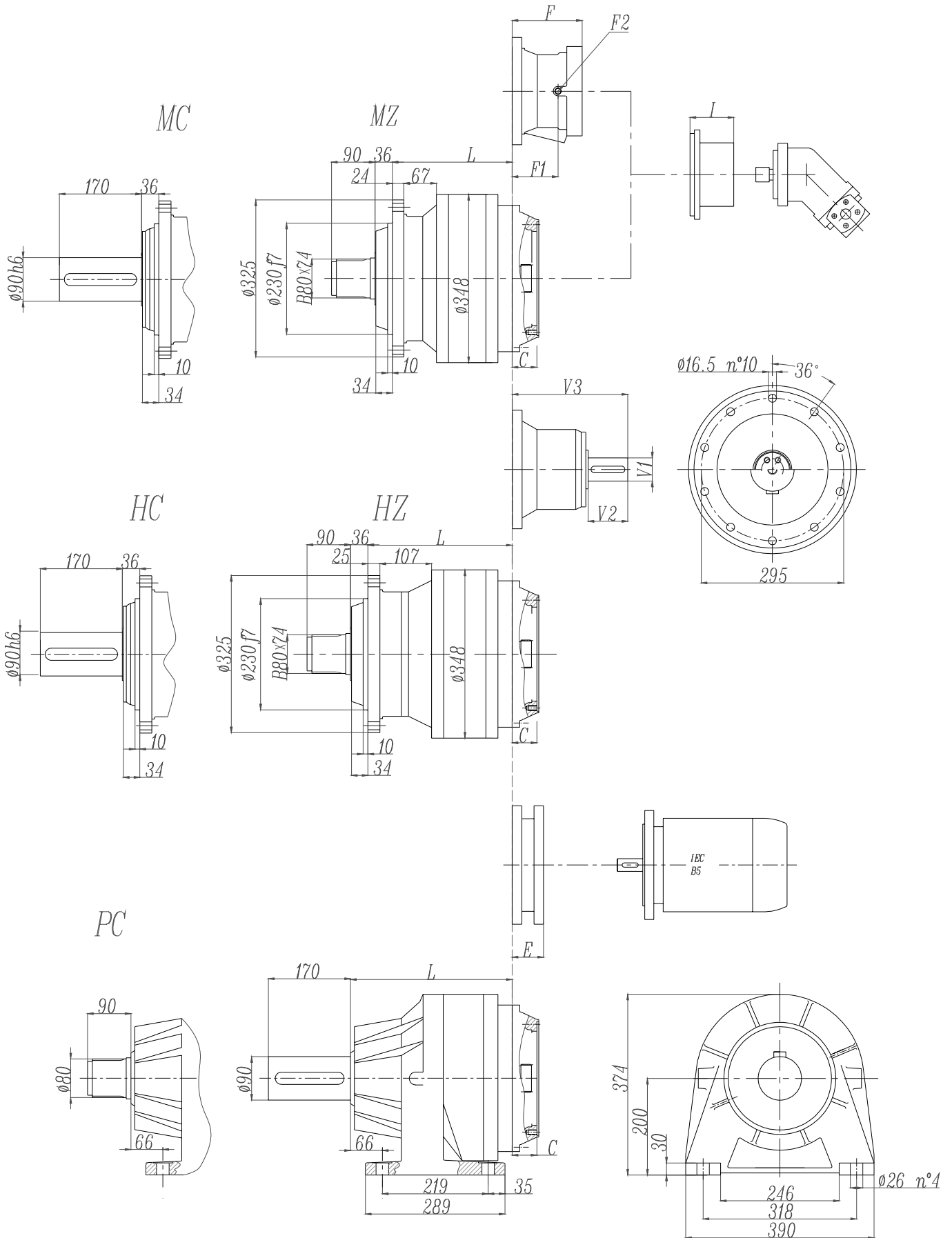


EP307R

	I 1:	Mn ₂ (N.m)						P ₁ (KW)	P _t (KW) (ta=20°C) (n ₁ =1500)	n ₁ (min ⁻¹)	n _{1max} (min ⁻¹)	M _b (N.m)	Brake type 制动器
		n ₂ .h 10000	n ₂ .h 25000	n ₂ .h 50000	n ₂ .h 100000	n ₂ .h 500000	n ₂ .h 1000000						
R2	13	9 100	8 500	7 600	6 800	5 500	4 400	60	35	1 750	3 500	1000	5K
	16.7	11 000	9 800	8 900	12 500	7 900	6 400	50	35	1 750	3 500	800	5G
	19.9	14 000	12 000	10 700	10 500	7 700	6 200	45	35	1 750	3 500	800	5G
	23.6	11 000	9 600	8 700	8 700	7 700	6 200	42	35	1 750	3 500	800	5G
R3	32.2	9 100	8 500	7 600	6 800	5 500	4 400	30	20	1 750	3 500	400	4K
	41.3	11 000	9 800	8 900	12 500	7 900	6 400	28	20	1 750	3 500	400	4K
	47.4	14 000	12 000	10 700	10 500	7 700	6 200	25	20	1 750	3 500	400	4K
	56.4	15 000	13 800	12 900	12 500	7 900	6 400	22	20	1 750	3 500	330	4H
	67.3	14 000	12 000	10 700	10 500	7 700	6 200	20	20	1 750	3 500	330	4H
	75	14 000	12 000	10 700	10 500	7 700	6 200	18	20	1 750	3 500	260	4F
	91.8	14 000	12 000	10 700	10 500	7 700	6 200	15	20	1 750	3 500	260	4F
	109	11 000	9 600	8 700	8 700	7 700	6 200	12	20	1 750	3 500	160	4D
R4	112	15 000	13 800	12 900	12 500	7 900	6 400	12	14	1 750	3 500	160	4D
	128	15 000	13 800	12 900	12 500	7 900	6 400	11	14	1 750	3 500	160	4D
	168	15 000	13 800	12 900	12 500	7 900	6 400	9	14	1 750	3 500	160	4D
	219	15 000	13 800	12 900	12 500	7 900	6 400	7	14	1 750	3 500	100	4B
	260	15 000	13 800	12 900	12 500	7 900	6 400	6	14	1 750	3 500	100	4B
	310	14 000	12 000	10 700	10 500	7 700	6 200	5.5	14	1 750	3 500	100	4B
	346	14 000	12 000	10 700	10 500	7 700	6 200	5	14	1 750	3 500	100	4B
	433	14 000	12 000	10 700	10 500	7 700	6 200	4	14	1 750	3 500	50	4A
	529	14 000	12 000	10 700	10 500	7 700	6 200	3.3	14	1 750	3 500	50	4A
	627	11 000	9 600	8 700	8 700	7 700	6 200	2.5	14	1 750	3 500	50	4A

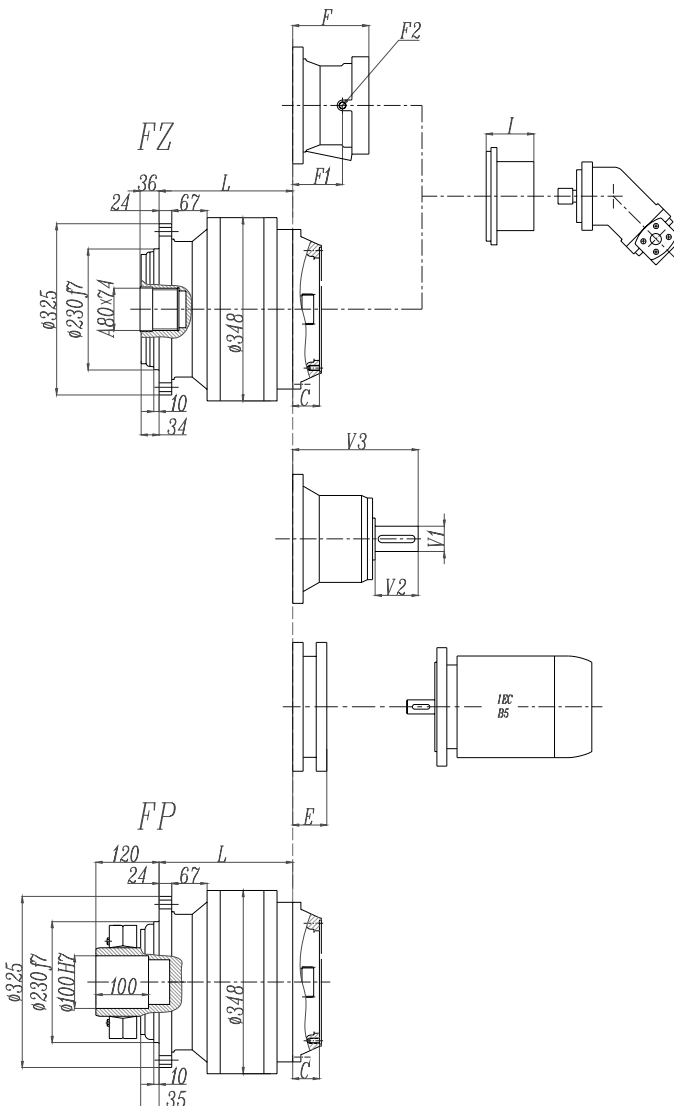
$$M_{2max}=1.2 \times Mn_2(n_2 \times h=10\ 000)$$

EP307L





EP307L

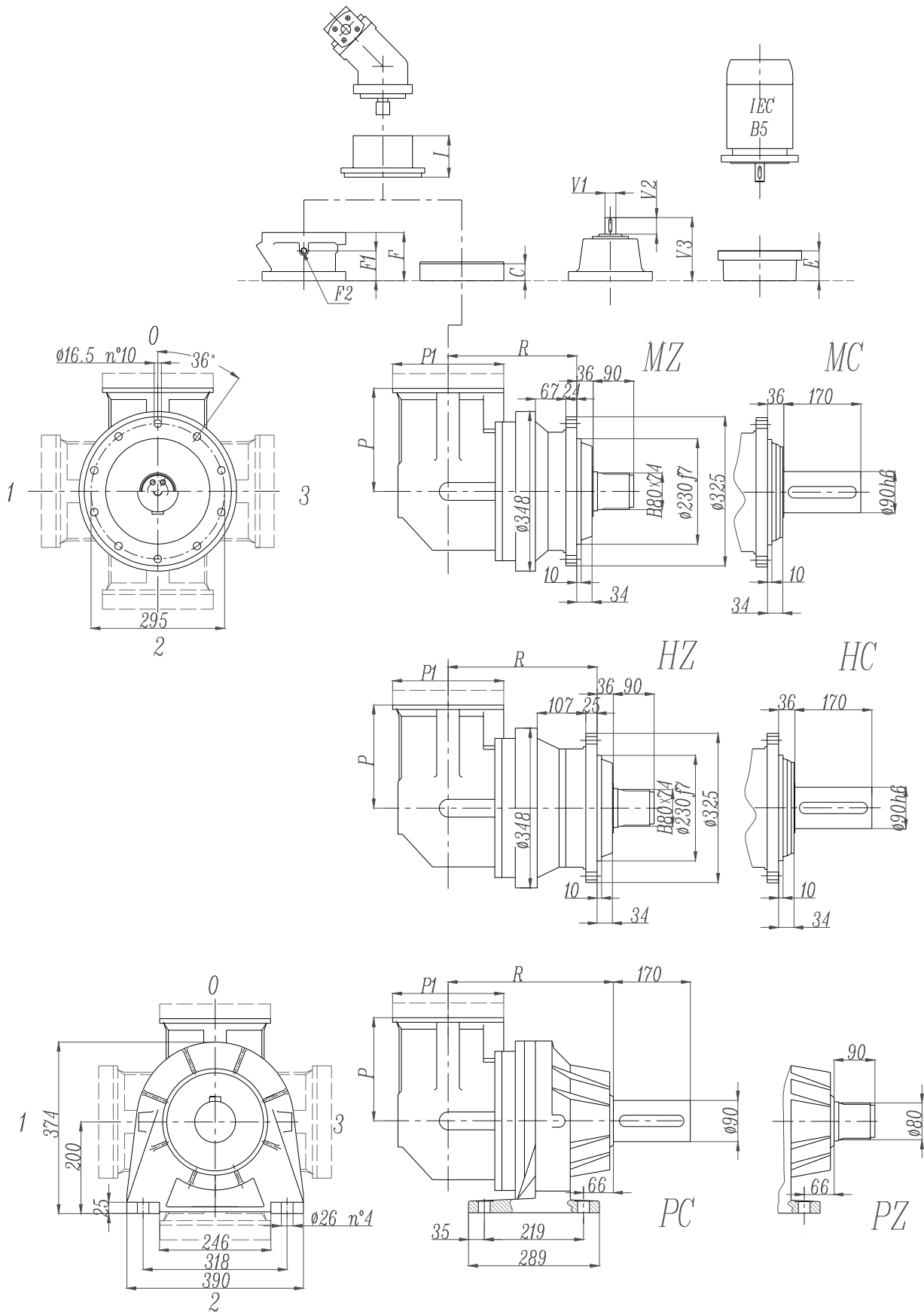


FP version
Max. transmissible
18000 N.m

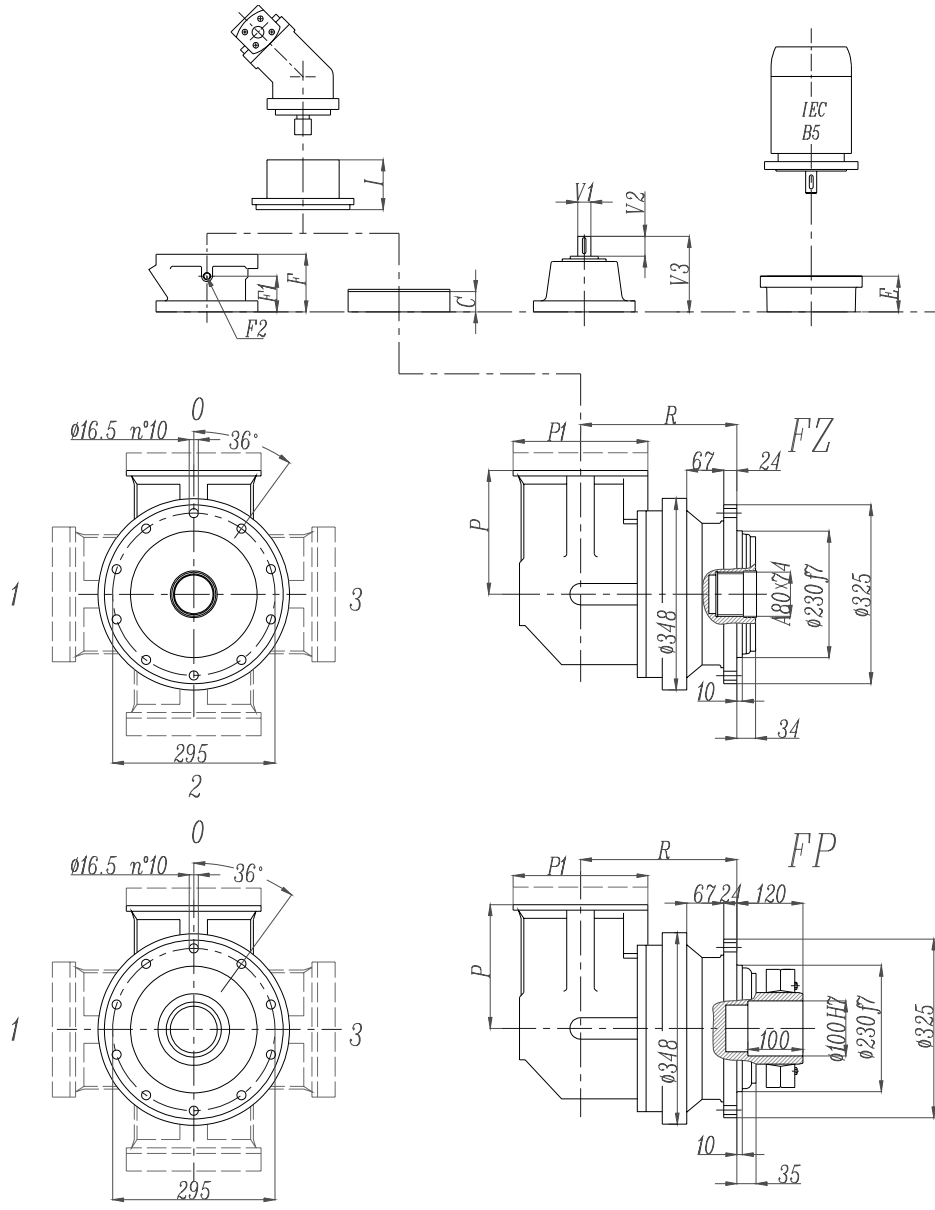
	L				Ref. weight (without input) (Kg)				C	I	Brake				
	MZ MC	FZ FP	HZ HC	PC PZ	MZ MC	FZ FP	HZ HC	PC PZ			F	F1	F2	Type	Ref. Weight
307L1	165	165	210	246	95	85	105	120	51	According to hydraulic motor	201	153	1/4 G	6	38 Kg
307L2	258	258	303	339	107	97	117	132	37		145	95	1/4 G	5	22 Kg
307L3	323	323	368	404	114	104	124	139	37		105	65	1/4 G	4	15 Kg
307L4	376	376	421	457	118	108	128	143	37		105	65	1/4 G	4	15 Kg

	E (IEC motor input)												
	IEC 71	IEC 80	IEC 90	IEC 100	IEC 112	IEC 132	IEC 160	IEC 180	IEC 200	IEC 225	IEC 250		
307L1								195	186	216	216		
307L2	65	84	84	94	94	114	144						
307L3	65	84	84	94	94	114	144						
307L4	65	84	84	94	94	114	144						

EP307R



EP307R



FP version
Max. transmissible
18000 N.m

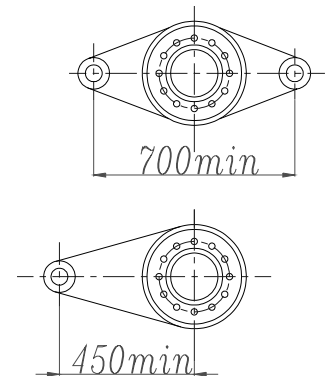
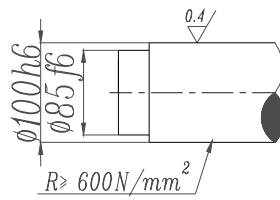
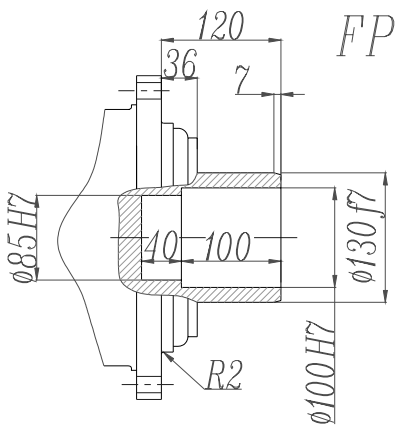
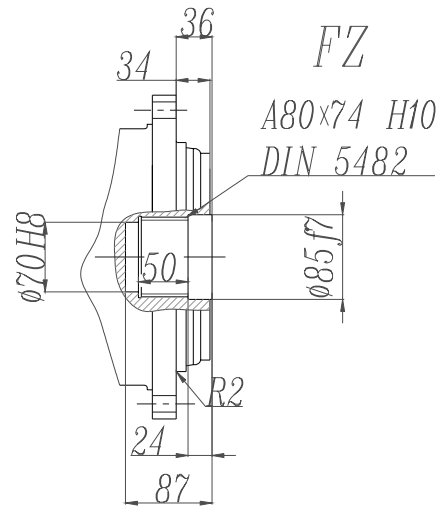
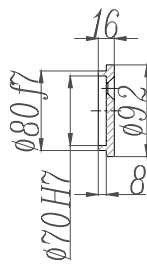
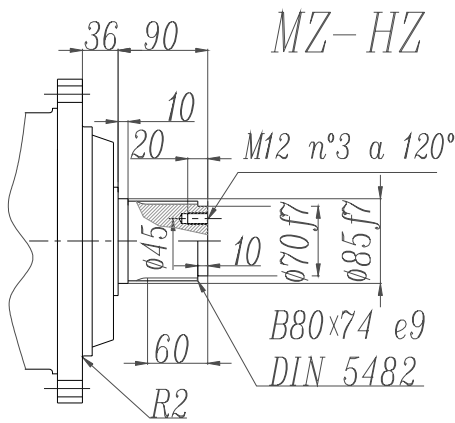
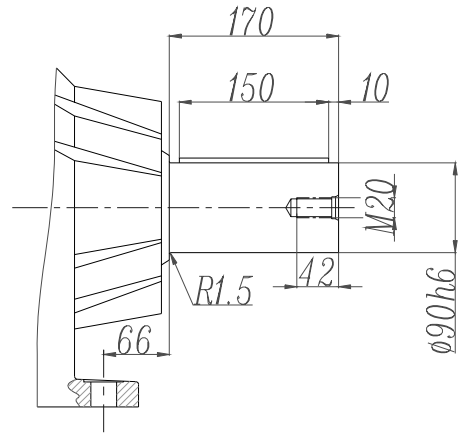
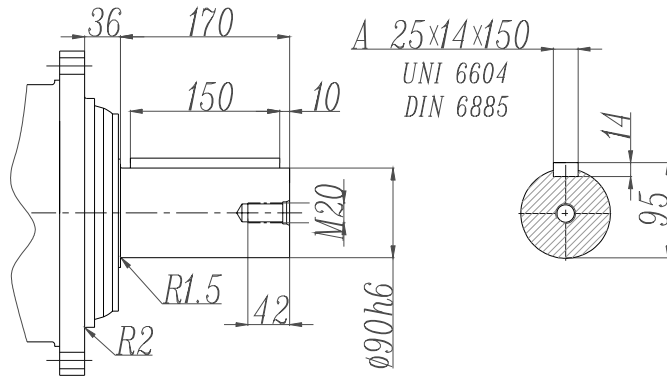
	R				Ref. weight (without input) (Kg)				C	P	I	Brake				
	MZ MC	FZ FP	HZ HC	PC PZ	MZ MC	FZ FP	HZ HC	PC PZ				F	F1	F2	Type	Ref. Weight 15 Kg
307R2	284	284	329	365	145	135	155	170	37	225	According to hydraulic motor	145	95	1/4 G	4	22
307R3	350	350	395	431	127	117	137	152	37	140		105	65	1/4 G	4	15
307R4	415	415	460	496	128	118	138	153	37	122		105	65	1/4 G	4	15

	P1	E (IEC motor input)									
		IEC 71	IEC 80	IEC 90	IEC 100	IEC 112	IEC 132	IEC 160	IEC 180	IEC 200	
307R2	245	65	84	84	94	94	114	144	144	174	
307R3	186	65	84	84	94	94	114	144			
307R4	186	65	84	84	94	94	114	144			

EP307L - EP307R

MC-HC

PC



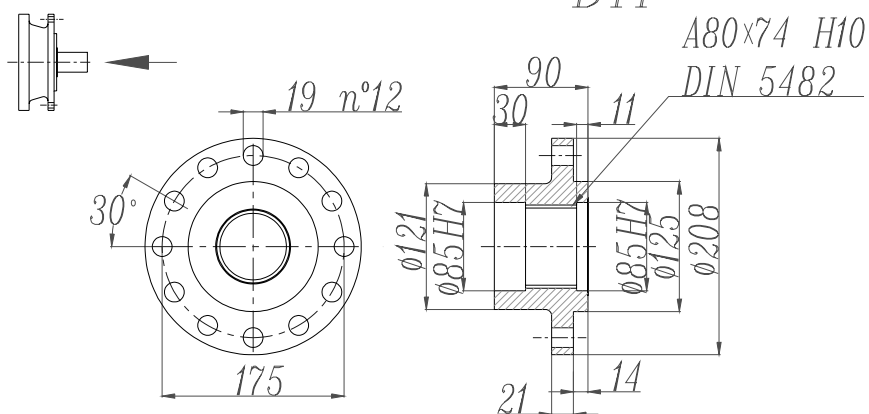
FP version

Max. transmissible

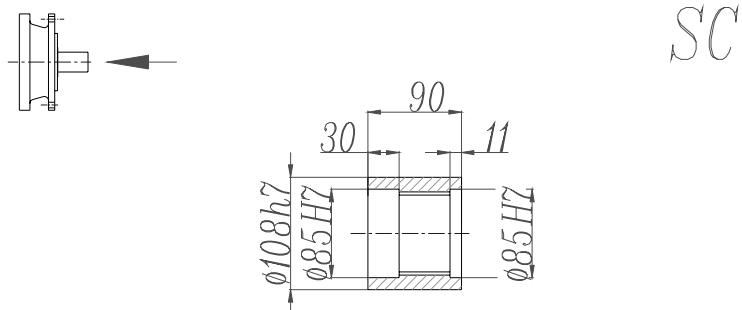
18000 N.m

EP307L - EP307R

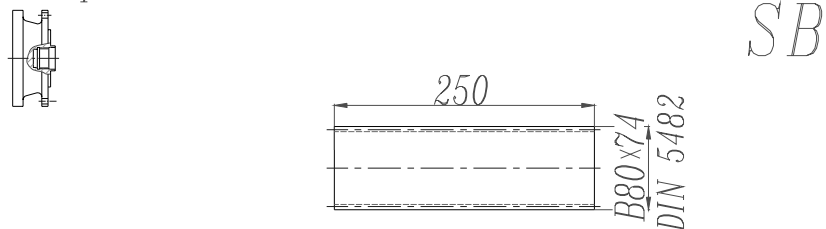
Drive intake flange



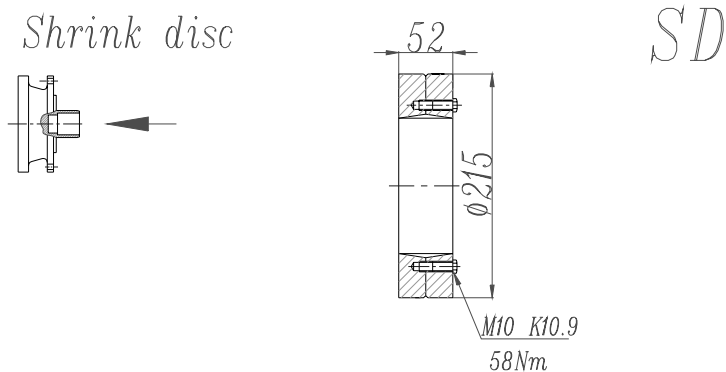
Sleeve couplings



Splined bars

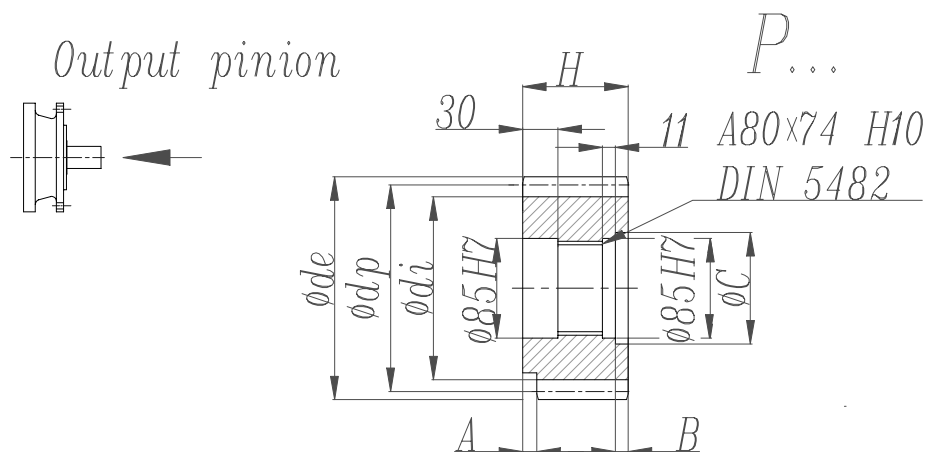


Shrink disc

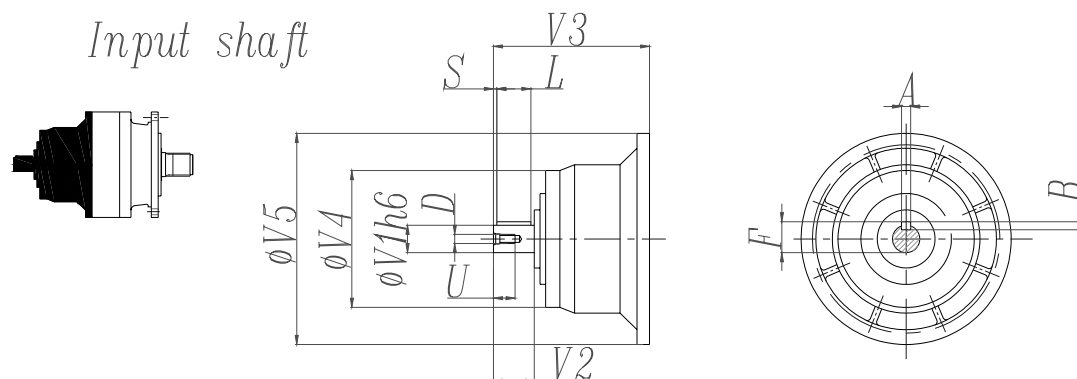




EP307L - EP307R



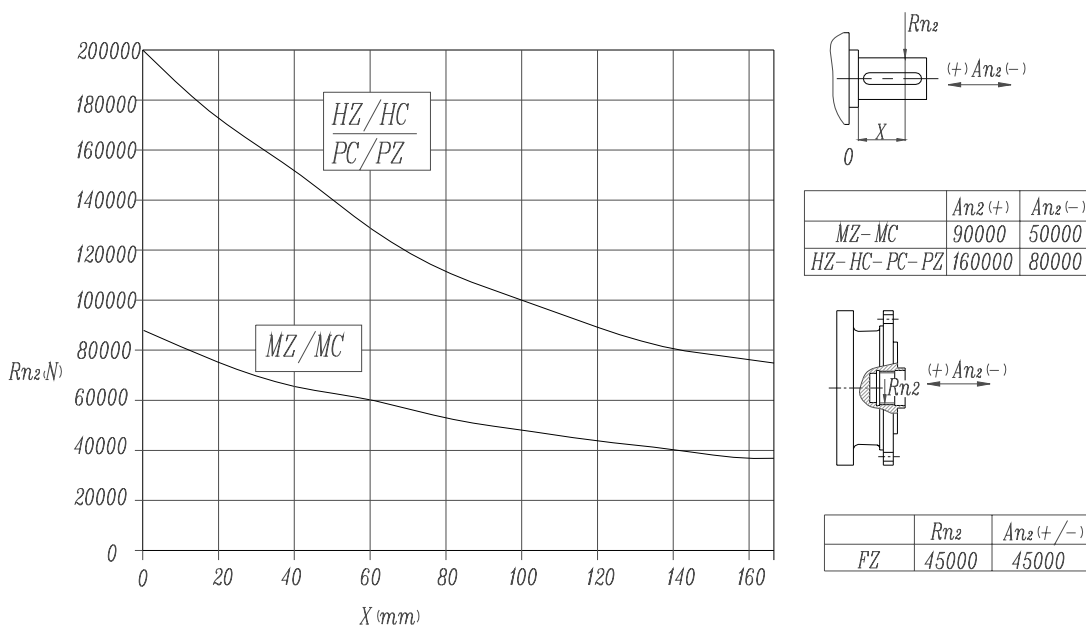
	m	z	x	dp	di	de	H	A	B	C
PFG	8	16	0.5000	128	117	149.5	90	0	0	0
PHC	10	12	0.4500	120	104	145	90	0	0	0
PHE	10	14	0.320	140	121	162.5	116	13	26	95
PHF	10	15	0.150	150	130	171.5	107	20	17	100
PHG	10	16	0.500	160	145	186	90	10	0	0
PHH1	10	17	0	170	145	190	90	0	0	0
PHH2	10	17	0.500	170	154	198	90	0	0	0
PLD	12	13	0.500	156	138	192	102	0	12	95
PLE	12	14	0.500	168	150	199.2	90	0	0	0
PLI	12	18	0.500	216	198	249.6	107	7	17	95
PLT	12	26	0	312	282	336	90	0	0	0



	CODE	V1	V2	V3	V4	V5	A	B	F	L	S	D	U
307L1	V07B	80	130	315	200	345	22	14	85	110	10	M16	36
	V07A	60	105	313	155	345	18	11	64	90	7.5	M16	36
307L2	V05B	48	82	239	155	245	14	9	51.5	70	6	M16	36
307L3	V01A	24	36	137.5	120	186	8	7	27	30	3	M8	19
	V01B	38	58	158	120	186	10	8	41	50	4	M12	28
307L4	V01A	24	36	137.5	120	186	8	7	27	30	3	M8	19
	V01B	38	58	158	120	186	10	8	41	50	4	M12	28
307R2	V05B	48	82	239	155	245	14	9	51.5	70	6	M16	36
307 R3-R4	V01A	24	36	137.5	120	186	8	7	27	30	3	M8	19
	V01B	38	58	158	120	186	10	8	41	50	4	M12	28

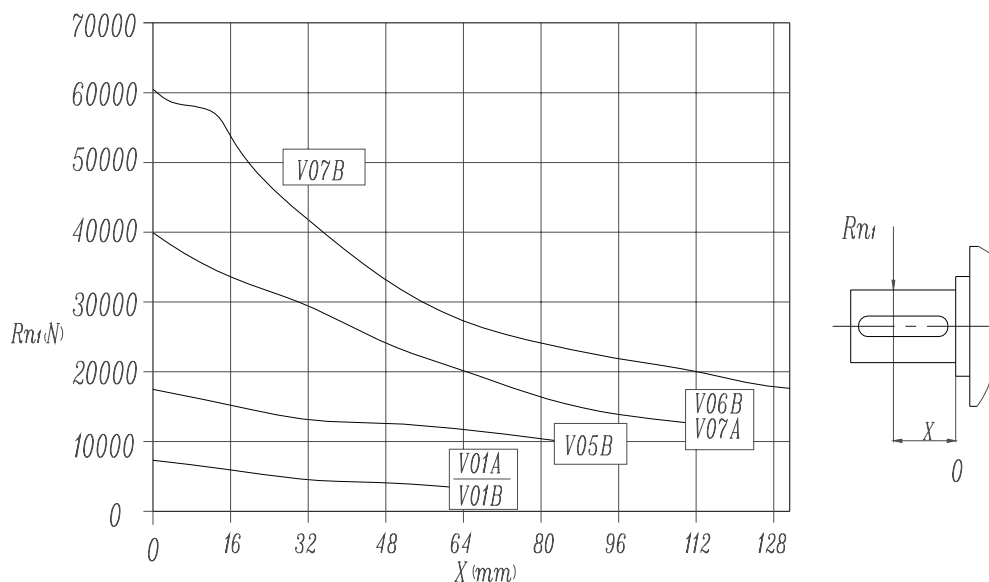
EP307L - EP307R

Permissible radial and axial loads on output shaft with Fh2 ($n_2 \cdot h=10\ 000$)

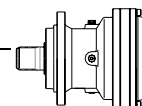


Load corrective factor fh2 on shafts	fh2= $n_2 \cdot h$		10 000	25 000	50 000	100 000	500 000	1 000 000	
	fh2	MZ-MC-PC-PZ-FZ		1	0.74	0.58	0.46	0.27	0.21
		HZ-HC		1	0.76	0.61	0.50	0.31	0.25

Permissible radial loads on input shaft with Fh1 ($n_1 \cdot h=250\ 000$)



Load corrective factor fh1 on shafts	Fh1= $n_1 \cdot h$	250 000	500 000	1 000 000	2 00 000	5 000 000	10 000 000
	fh1	1	0.79	0.63	0.50	0.37	0.29



EP309L

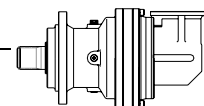
M2'=18500N.m

	I 1:	Mn ₂ (N.m)						P ₁ (KW)	P _t (KW) (ta=20°C) (n ₁ =1500)	n ₁ (min ⁻¹)	n _{1max} (min ⁻¹)	M _b (N.m)	Brake type 制动器	
		n ₂ .h 10000	n ₂ .h 25000	n ₂ .h 50000	n ₂ .h 100000	n ₂ .h 500000	n ₂ .h 1000000							
L1	3.4	22 500	20 600	19 000	16 800	10 400	8 400	130	25	1 500	2 000	3 200	6L	
	4.4	22 500	20 600	19 000	16 800	10 400	8 400	130	25	1 500	2 000	3 200	6L	
	5.3	21 000	18 100	16 200	16 000	10 700	8 700	130	25	1 500	2 000	3 200	6L	
	6.2	17 000	14 400	13 000	13 000	10 400	8 500	130	25	1 500	2 000	3 200	6L	
L2	12.6	18 000	17 500	16 500	15 200	9 400	7 600	60	18	1 750	3 500	1 000	5K	
	16.1	21 300	20 600	19 000	15 600	9 600	7 800	60	18	1 750	3 500	1 000	5K	
	18.5	21 300	20 600	19 000	15 600	9 600	7 800	60	18	1 750	3 500	1 000	5K	
	22	18 000	17 500	16 500	15 200	9 400	7 600	60	18	1 750	3 500	1 000	5K	
	26.3	21 000	18 100	16 200	16 000	10 700	8 700	60	18	1 750	3 500	1000	5K	
	29.2	18 000	17 500	16 500	15 200	9 400	7 600	60	18	1 750	3 500	1000	5K	
	35.8	17 000	14 400	13 000	13 000	10 400	8 500	57	18	1 750	3 500	800	5E	
	42.5	17 000	14 400	13 000	13 000	10 400	8 500	42	18	1 750	3 500	500	5C	
	L3	42.5	18 000	17 500	16 500	15 200	9 400	7 600	42	11	1 750	3 500	440	4L
		54.6	21 300	20 600	19 000	15 600	9 600	7 800	36	11	1 750	3 500	440	4L
62.5		21 300	20 600	19 000	15 600	9 600	7 800	33	11	1 750	3 500	400	4K	
82.1		21 300	20 600	19 000	15 600	9 600	7 800	28	11	1 750	3 500	330	4H	
107		21 300	20 600	19 000	15 600	9 600	7 800	23	11	1 750	3 500	260	4F	
127		18 000	17 500	16 500	15 200	9 400	7 600	20	11	1 750	3 500	260	4F	
151		21 000	18 100	16 200	16 000	10 700	8 700	17	11	1 750	3 500	160	4D	
169		18 000	17 500	16 500	15 200	9 400	7 600	16	11	1 750	3 500	160	4D	
211		18 000	17 500	16 500	15 200	9 400	7 600	13	11	1 750	3 500	100	4B	
258		17 000	14 400	13 000	13 000	10 400	8 500	8	11	1 750	3 500	100	4B	
306	17 000	14 400	13 000	13 000	10 400	8 500	7	11	1 750	3 500	100	4B		
L4	278	21 300	20 600	19 000	15 600	9 600	7 800	10	7.5	1 750	3 500	100	4B	
	365	21 300	20 600	19 000	15 600	9 600	7 800	8	7.5	1 750	3 500	100	4B	
	474	21 300	20 600	19 000	15 600	9 600	7 800	6.5	7.5	1 750	3 500	50	4A	
	591	21 300	20 600	19 000	15 600	9 600	7 800	5.5	7.5	1 750	3 500	50	4A	
	768	21 300	20 600	19 000	15 600	9 600	7 800	4.5	7.5	1 750	3 500	50	4A	
	914	21 000	18 100	16 200	16 000	10 700	8 700	3.3	7.5	1 750	3 500	50	4A	
	1090	18 000	17 500	16 500	15 200	9 400	7 600	2.7	7.5	1 750	3 500	50	4A	
	1215	18 000	17 500	16 500	15 200	9 400	7 600	2.5	7.5	1 750	3 500	50	4A	
	1516	18 000	17 500	16 500	15 200	9 400	7 600	2.1	7.5	1 750	3 500	50	4A	
	1856	17 000	14 400	13 000	13 000	10 400	8 500	1.6	7.5	1 750	3 500	50	4A	
2202	17 000	14 400	13 000	13 000	10 400	8 500	1.4	7.5	1 750	3 500	50	4A		

M_{2max}=1.2×Mn2(n2×h=10 000)



™M2'=18500N.m

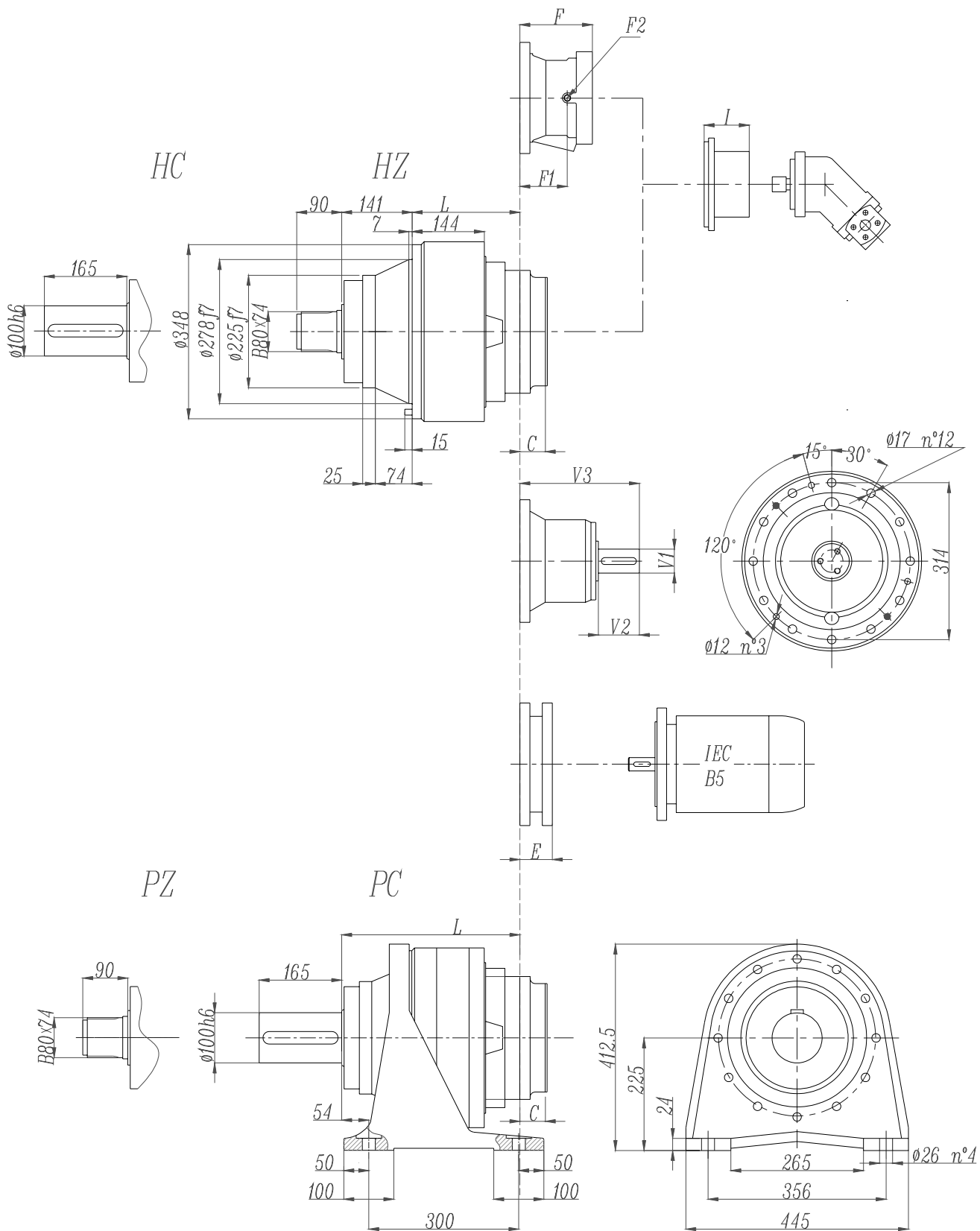


EP309R

	I 1:	Mn ₂ (N.m)						P ₁ (KW)	P _t (KW) (ta=20°C) (n ₁ =1500)	n ₁ (min ⁻¹)	n _{1max} (min ⁻¹)	M _b (N.m)	Brake type 制动器
		n ₂ .h 10000	n ₂ .h 25000	n ₂ .h 50000	n ₂ .h 100000	n ₂ .h 500000	n ₂ .h 1000000						
R2	13	9 100	8 500	7 600	6 800	5 500	4 400	60	35	1 750	3 500	1000	5K
	16.7	11 000	9 800	8 900	12 500	7 900	6 400	50	35	1 750	3 500	1000	5K
	19.9	14 000	12 000	10 700	10 500	7 700	6 200	45	35	1 750	3 500	1000	5K
	23.6	16 000	14 000	12 500	11 200	8 000	6 500	45	35	1 750	3 500	800	5G
R3	32.2	12 000	11 000	9 500	7 200	4 400	3 600	25	20	1 750	3 500	440	4L
	41.3	14 300	12 600	10 000	8 600	5 600	4 800	22	20	1 750	3 500	440	4L
	47.4	17 300	14 600	11 000	9 600	5 600	4 800	20	20	1 750	3 500	440	4L
	56.4	18 000	17 000	16 000	14 200	8 400	6 600	20	20	1 750	3 500	400	4K
	67.3	21 000	18 100	16 200	16 000	10 700	8 700	22	20	1 750	3 500	400	4K
	75	18 000	17 500	16 500	15 200	9 400	7 600	20	20	1 750	3 500	330	4H
	91.7	17 000	14 400	13 000	13 000	10 400	8 500	18	20	1 750	3 500	260	4F
	109	17 000	14 400	13 000	13 000	10 400	8 500	16	20	1 750	3 500	260	4F
R4	128	21 300	20 600	19 000	15 600	9 600	7 800	15.5	14	1 750	3 500	260	4F
	168	21 300	20 600	19 000	15 600	9 600	7 800	15	14	1 750	3 500	160	4D
	219	21 300	20 600	19 000	15 600	9 600	7 800	12	14	1 750	3 500	160	4D
	260	18 000	17 500	16 500	15 200	9 400	7 600	10.5	14	1 750	3 500	100	4B
	310	21 000	18 100	16 200	16 000	10 700	8 700	9	14	1 750	3 500	100	4B
	346	18 000	17 500	16 500	15 200	9 400	7 600	8	14	1 750	3 500	100	4B
	433	18 000	17 500	16 500	15 200	9 400	7 600	7	14	1 750	3 500	50	4A
	529	17 000	14 400	13 000	13 000	10 400	8 500	4.5	14	1 750	3 500	50	4A
	627	17 000	14 400	13 000	13 000	10 400	8 500	4	14	1 750	3 500	50	4A
	714	7 000	5 900	5 500	5 500	4 700	3 850	1.5	12	1 750	3 500	50	4A

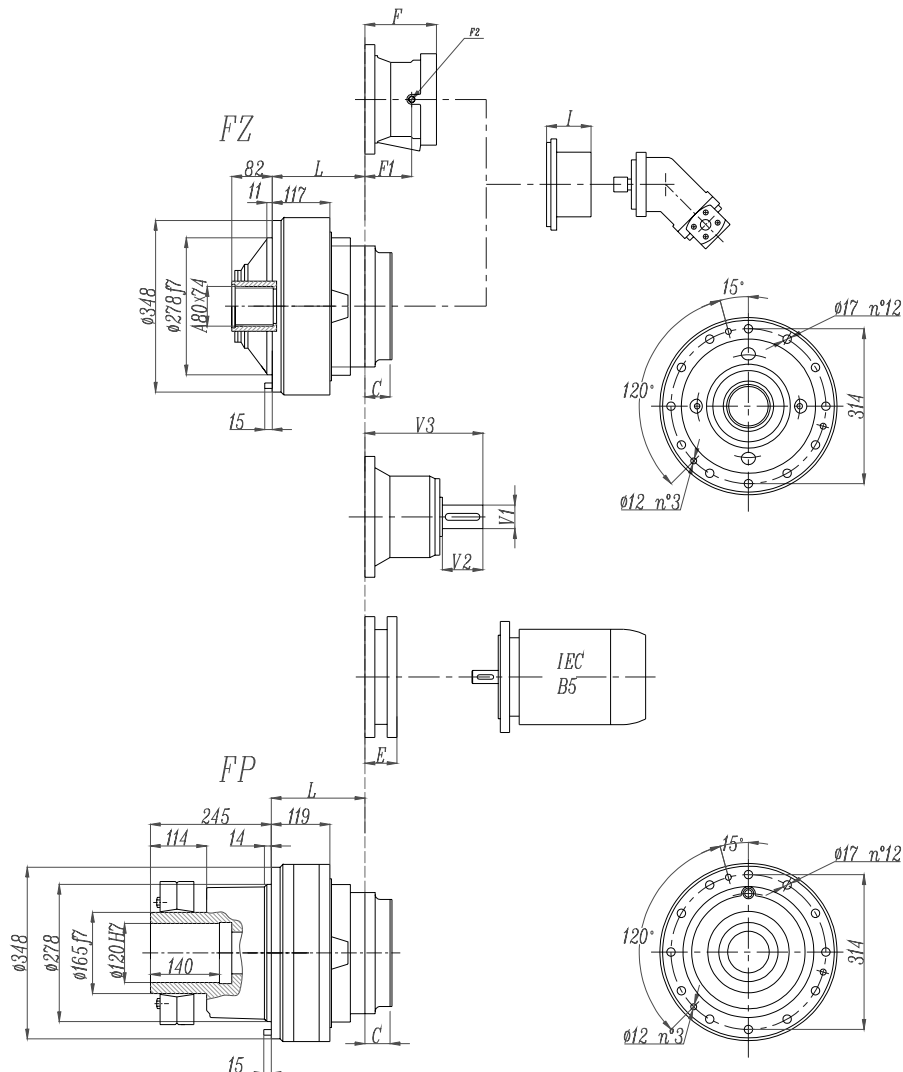
$$M_{2max}=1.2 \times Mn_2(n_2 \times h=10\ 000)$$

EP309L





EP309L

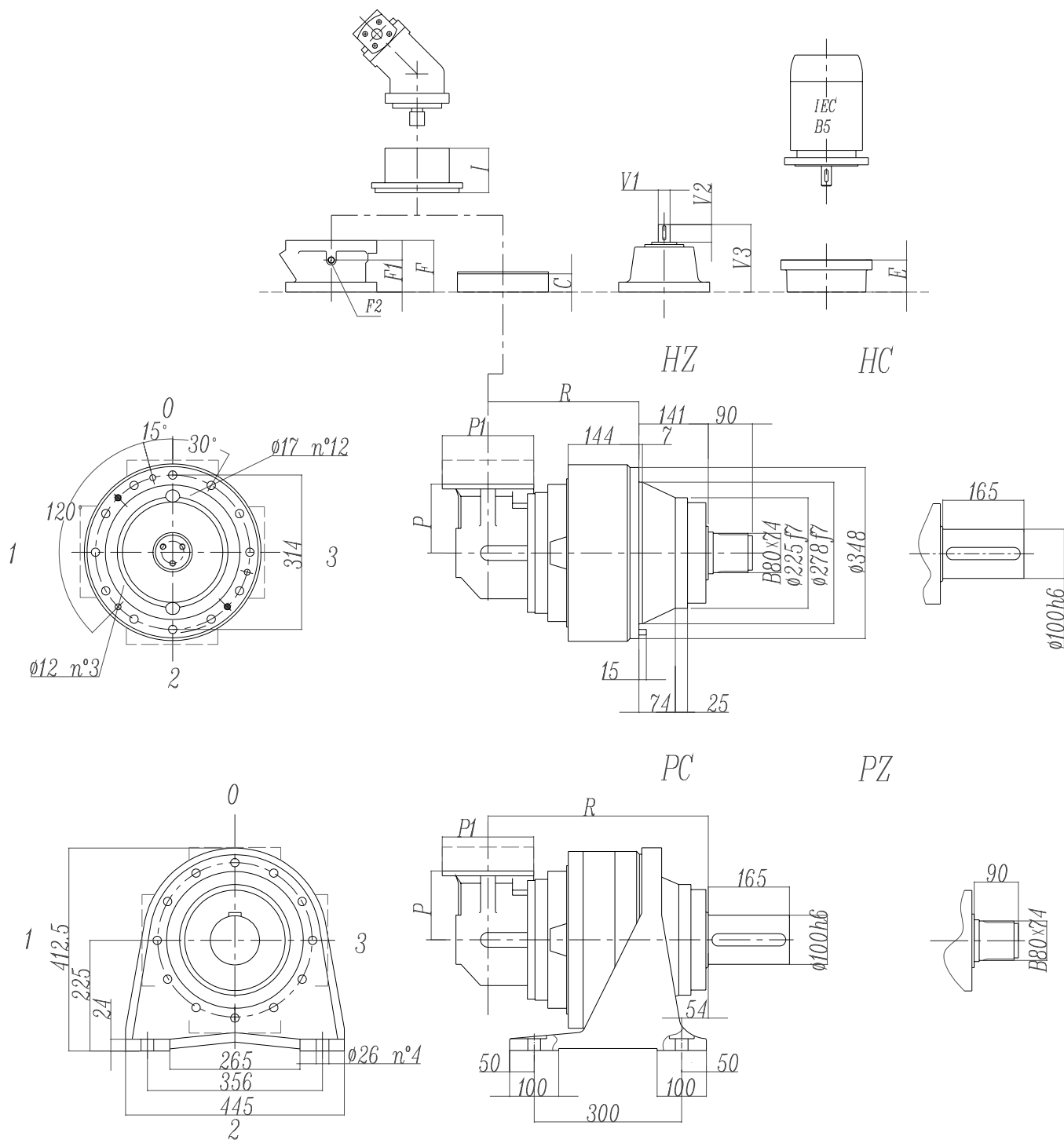


FP version
Max. transmissible
25000 N.m

	L				Ref. weight (without input) (Kg)				C	I	Brake				
	HZ HC	PC PZ	FZ	FP	HZ HC	PC PZ	FZ	FP			F	F1	F2	Type	Ref. Weight
309L1	126	267	99	101	115	130	95	100	51	According to hydraulic motor	201	153	1/4 G	6	38 Kg
309L2	219	360	192	194	127	142	107	112	37		145	95	1/4 G	5	22 Kg
309L3	284	425	257	259	134	149	114	119	37		105	65	1/4 G	4	15 Kg
309L4	337	478	310	312	138	153	118	123	37		105	65	1/4 G	4	15 Kg

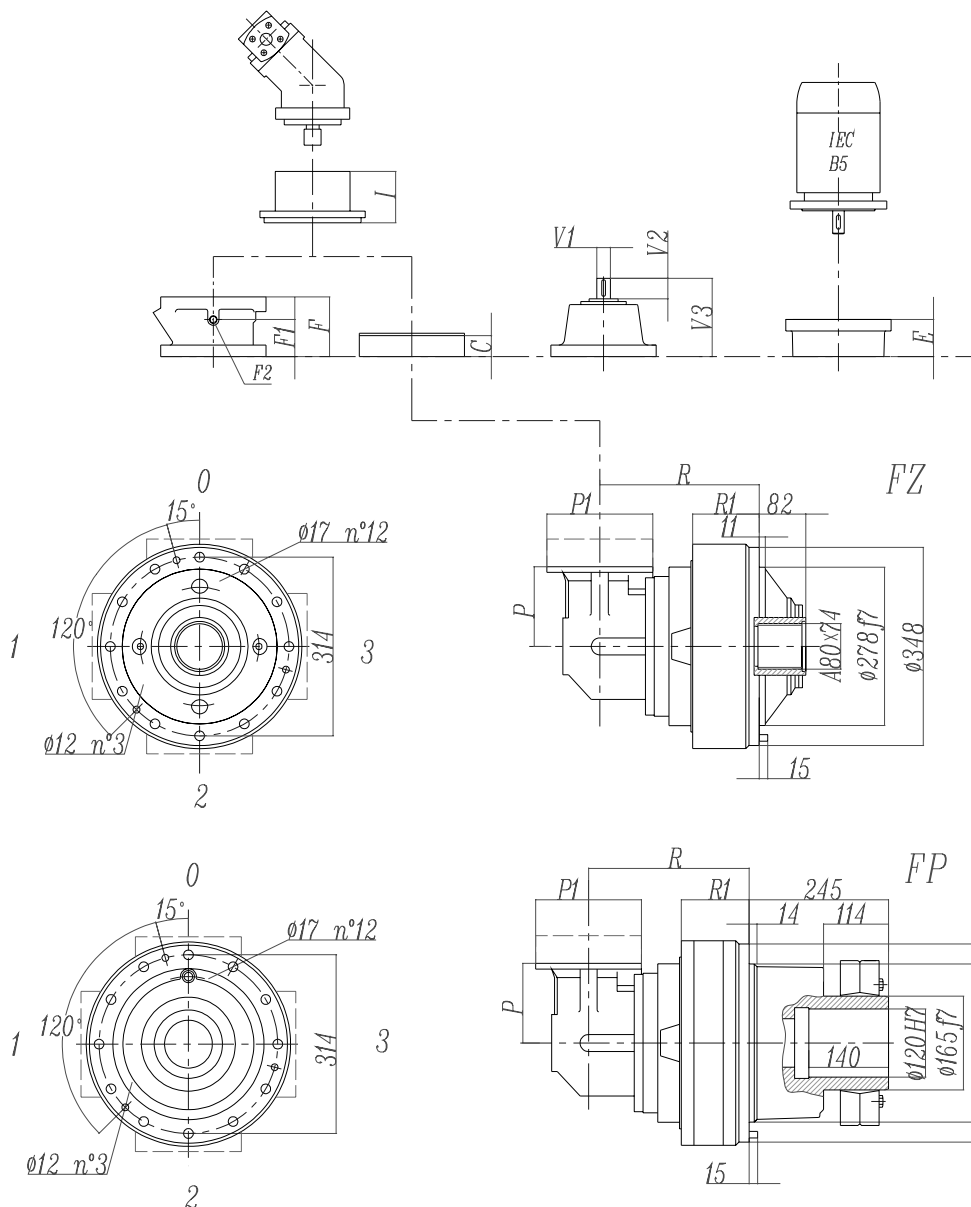
	E (IEC motor input)														
	IEC 71	IEC 80	IEC 90	IEC 100	IEC 112	IEC 132	IEC 160	IEC 180	IEC 200	IEC 225	IEC 250				
309L1								195	186	216	216				
309L2						114	144	144	174						
309L3	65	84	84	94	94	114	144								
309L4	65	84	84	94	94	114	144								

EP309R





EP309R



FP version
Max. transmissible
25000 N.m

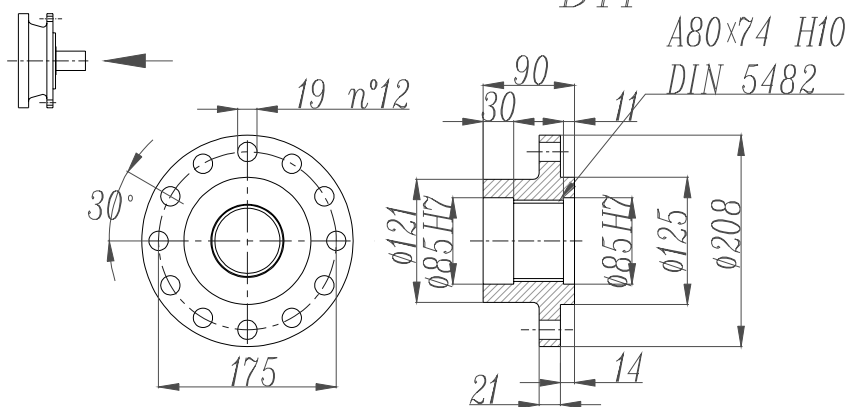
	R				Ref. weight (without input) (Kg)				C	P	I	Brake				
	HZ HC	PC PZ	FZ	FP	HZ HC	PC PZ	FZ	FP				F	F1	F2	Type	Ref. Weight 15 Kg
309R2	245	386	218	220	165	180	145	150	37	225	According to hydraulic motor	145	95	1/4 G	4	22
309R3	311	452	284	286	147	162	127	132	37	140		105	65	1/4 G	4	15
309R4	376	517	349	351	148	163	128	133	37	122		105	65	1/4 G	4	15

	P1	R1				E (IEC motor input)									
		HZ	HC	FZ	FP	IEC 71	IEC 80	IEC 90	IEC 100	IEC 112	IEC 132	IEC 160	IEC 180	IEC 200	
309R2	245	168	168	141	143						114	144	144	174	
309R3	186	144	144	117	119	65	84	84	94	94	114	144			
309R4	186	144	144	117	119	65	84	84	94	94	114	144			

EP309L - EP309R

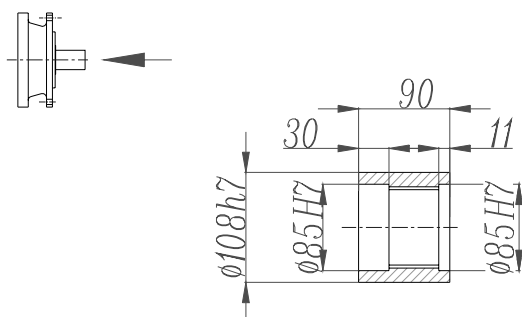
Drive intake flange

DIF



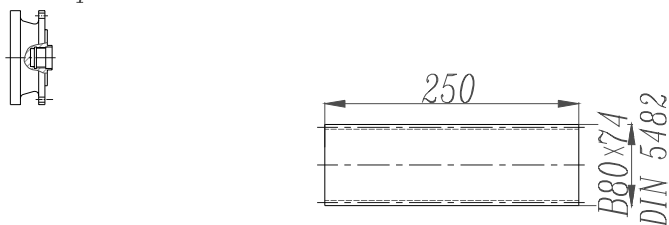
Sleeve couplings

SC



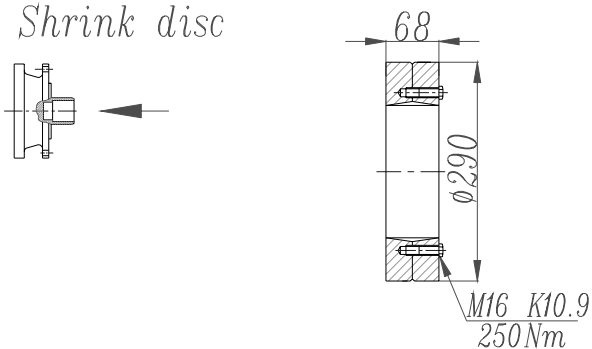
Splined bars

SB



Shrink disc

SD

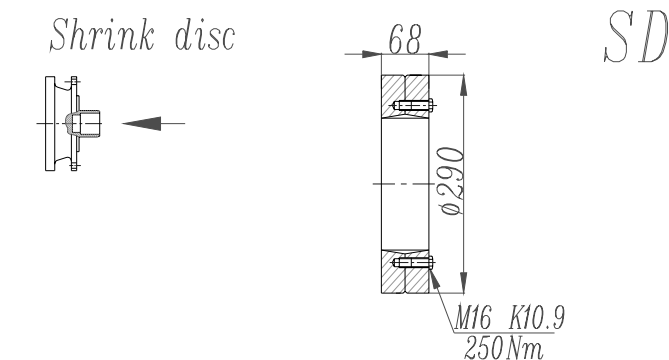
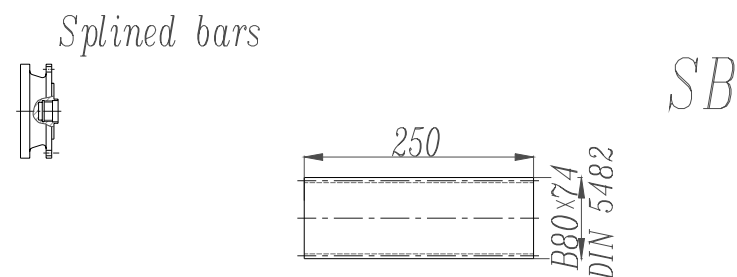
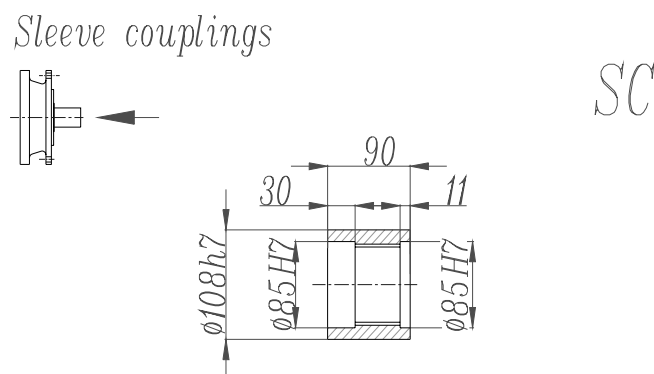
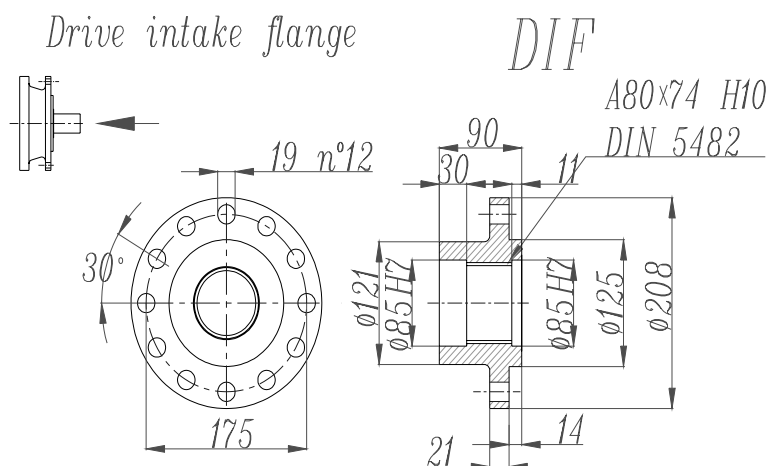


FP version

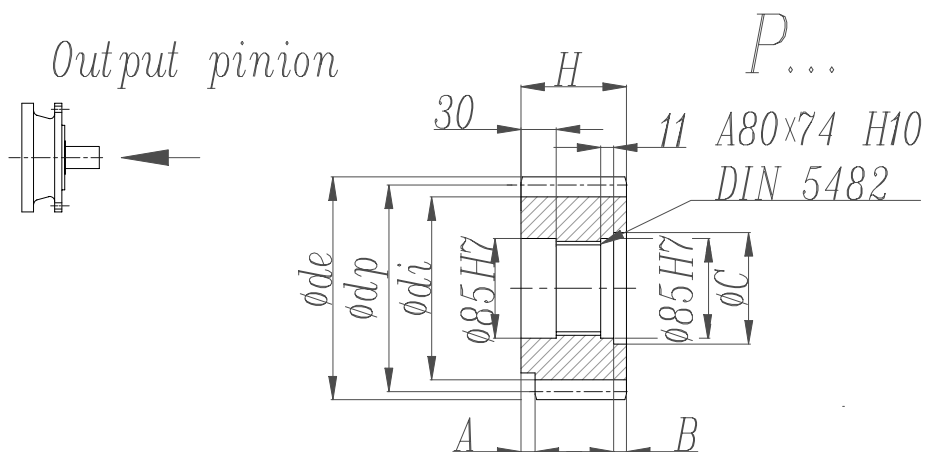
Max. transmissible

25000 N.m

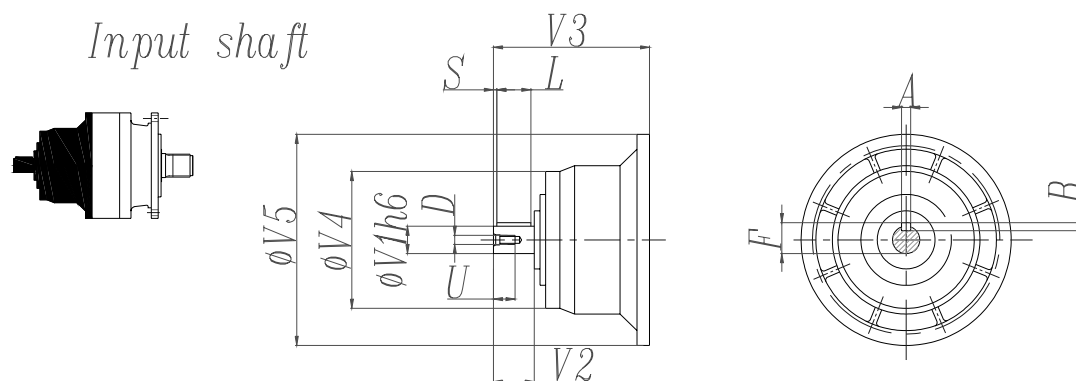
EP309L - EP309R



EP309L - EP309R



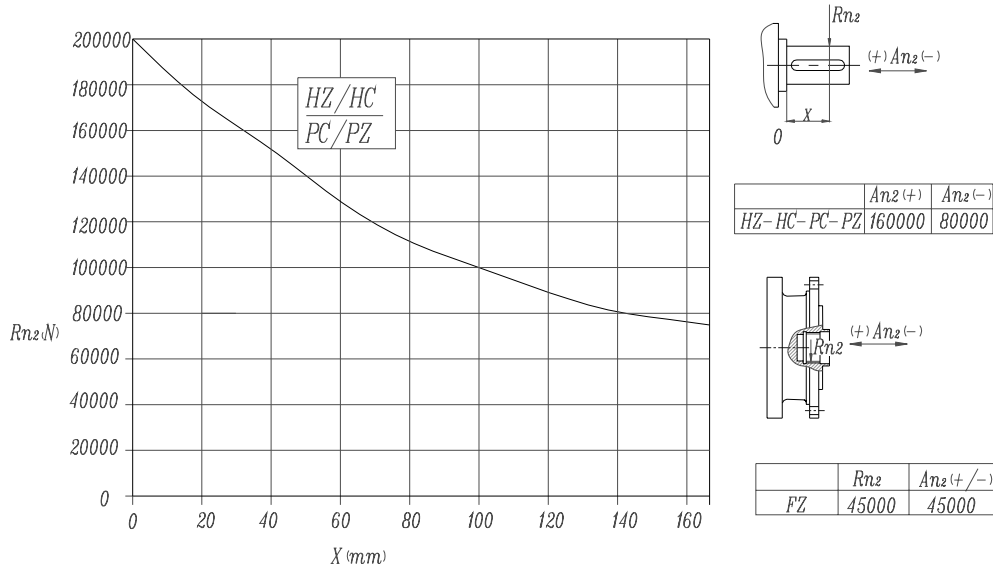
	m	z	x	dp	di	de	H	A	B	C
PFG	8	16	0.5000	128	117	149.5	90	0	0	0
PHC	10	12	0.4500	120	104	145	90	0	0	0
PHE	10	14	0.320	140	121	162.5	116	13	26	95
PHF	10	15	0.150	150	130	171.5	107	20	17	100
PHG	10	16	0.500	160	145	186	90	10	0	0
PHH1	10	17	0	170	145	190	90	0	0	0
PHH2	10	17	0.500	170	154	198	90	0	0	0
PLD	12	13	0.500	156	138	192	102	0	12	95
PLE	12	14	0.500	168	150	199.2	90	0	0	0
PLI	12	18	0.500	216	198	249.6	107	7	17	95
PLT	12	26	0	312	282	336	90	0	0	0



	CODE	V1	V2	V3	V4	V5	A	B	F	L	S	D	U
309L1	V07B	80	130	315	200	345	22	14	85	110	10	M16	36
	V07A	60	105	313	155	345	18	11	64	90	7.5	M16	36
309L2	V05B	48	82	239	155	245	14	9	51.5	70	6	M16	36
309L3	V01A	24	36	137.5	120	186	8	7	27	30	3	M8	19
	V01B	38	58	158	120	186	10	8	41	50	4	M12	28
309L4	V01A	24	36	137.5	120	186	8	7	27	30	3	M8	19
	V01B	38	58	158	120	186	10	8	41	50	4	M12	28
309R2	V05B	48	82	239	155	245	14	9	51.5	70	6	M16	36
309 R3-R4	V01A	24	36	137.5	120	186	8	7	27	30	3	M8	19
	V01B	38	58	158	120	186	10	8	41	50	4	M12	28

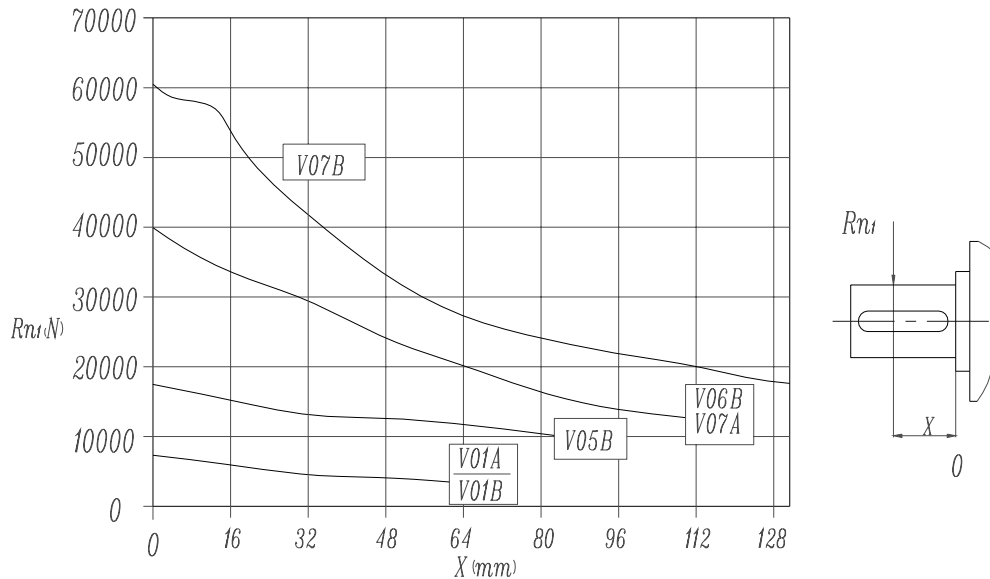
EP309L - EP309R

Permissible radial and axial loads on output shaft with Fh2 ($n_2 \cdot h=10\ 000$)

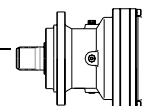


Load corrective factor fh2 on shafts	fh2= n2 · h		10 000	25 000	50 000	100 000	500 000	1 000 000
	fh2	MZ-MC-PC-PZ-FZ	1	0.74	0.58	0.46	0.27	0.21
		HZ-HC	1	0.76	0.61	0.50	0.31	0.25

Permissible radial loads on input shaft with Fh1 ($n_1 \cdot h=250\ 000$)



Load corrective factor fh1 on shafts	Fh1= n1 · h	250 000	500 000	1 000 000	2 00 000	5 000 000	10 000 000
	fh1	1	0.79	0.63	0.50	0.37	0.29



EP310L

M2'=25000N.m

	I 1:	Mn ₂ (N.m)						P ₁ (KW)	P _t (KW) (ta=20°C) (n ₁ =1500)	n ₁ (min ⁻¹)	n _{1max} (min ⁻¹)	M _b (N.m)	Brake type 制动器	
		n ₂ .h 10000	n ₂ .h 25000	n ₂ .h 50000	n ₂ .h 100000	n ₂ .h 500000	n ₂ .h 1000000							
L1	4.2	30000	30000	26000	21000	13000	11000	150	35	1000	1500			
	5.0	29000	25000	22000	20000	13000	11000	150	35	1000	1500			
	6.8	26000	21000	18000	17000	12000	10000	150	35	1000	1500			
L2	15.5	30000	30000	26000	21000	13000	11000	100	22	1500	2500	2100	6G	
	17.6	30000	30000	26000	21000	13000	11000	90	22	1500	2500	2100	6G	
	21.0	29000	25000	22000	20000	13000	11000	80	22	1500	2500	1500	6E	
	24.7	29000	25000	22000	20000	13000	11000	75	22	1500	2500	1500	6E	
	28.9	29000	25000	22000	20000	13000	11000	70	22	1500	2500	1100	6C	
	33.7	26000	21000	18000	17000	12000	10000	65	22	1500	2500	1100	6C	
	39.4	26000	21000	18000	17000	12000	10000	55	22	1500	2500	850	6B	
	48.3	26000	21000	18000	17000	12000	10000	50	22	1500	2500	850	6B	
	L3	56.7	30000	30000	26000	21000	13000	11000	50	18	1 750	3 500	630	5E
		73.9	30000	30000	26000	21000	13000	11000	42	18	1 750	3 500	630	5E
88.0		30000	30000	26000	21000	13000	11000	37	18	1 750	3 500	500	5C	
105		29000	25000	22000	20000	13000	11000	32	18	1 750	3 500	400	5B	
124		29000	25000	22000	20000	13000	11000	28	18	1 750	3 500	400	5B	
145		29000	25000	22000	20000	13000	11000	24	18	1 750	3 500	400	5B	
161		29000	25000	22000	20000	13000	11000	22	18	1 750	3 500	400	5B	
197		29000	25000	22000	20000	13000	11000	19	18	1 750	3 500	400	5B	
220		26000	21000	18000	17000	12000	10000	14	18	1 750	3 500	400	5B	
269		26000	21000	18000	17000	12000	10000	11.5	18	1 750	3 500	400	5B	
330	26000	21000	18000	17000	12000	10000	9.5	18	1 750	3 500	400	5B		
L4	329	30000	30000	26000	21000	13000	11000	12	11	1 750	3 500	100	4B	
	426	30000	30000	26000	21000	13000	11000	9.5	11	1 750	3 500	100	4B	
	508	30000	30000	26000	21000	13000	11000	8.5	11	1 750	3 500	100	4B	
	604	29000	25000	22000	20000	13000	11000	6.5	11	1 750	3 500	100	4B	
	713	29000	25000	22000	20000	13000	11000	5.6	11	1 750	3 500	50	4A	
	834	29000	25000	22000	20000	13000	11000	4.8	11	1 750	3 500	50	4A	
	930	29000	25000	22000	20000	13000	11000	4.4	11	1 750	3 500	50	4A	
	1160	29000	25000	22000	20000	13000	11000	3.8	11	1 750	3 500	50	4A	
	1268	26000	21000	18000	17000	12000	10000	3	11	1 750	3 500	50	4A	
	1420	29000	25000	22000	20000	13000	11000	3.3	11	1 750	3 500	50	4A	
	1582	26000	21000	18000	17000	12000	10000	2.5	11	1 750	3 500	50	4A	
	1937	26000	21000	18000	17000	12000	10000	2.2	11	1 750	3 500	50	4A	
2373	26000	21000	18000	17000	12000	10000	1.8	11	1 750	3 500	50	4A		

M_{2max}=1.2×Mn2(n2×h=10 000)