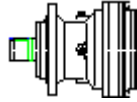


NB310 GEARBOX
(PARAMETER AND DIMENSION)
M2'-25000 N.M

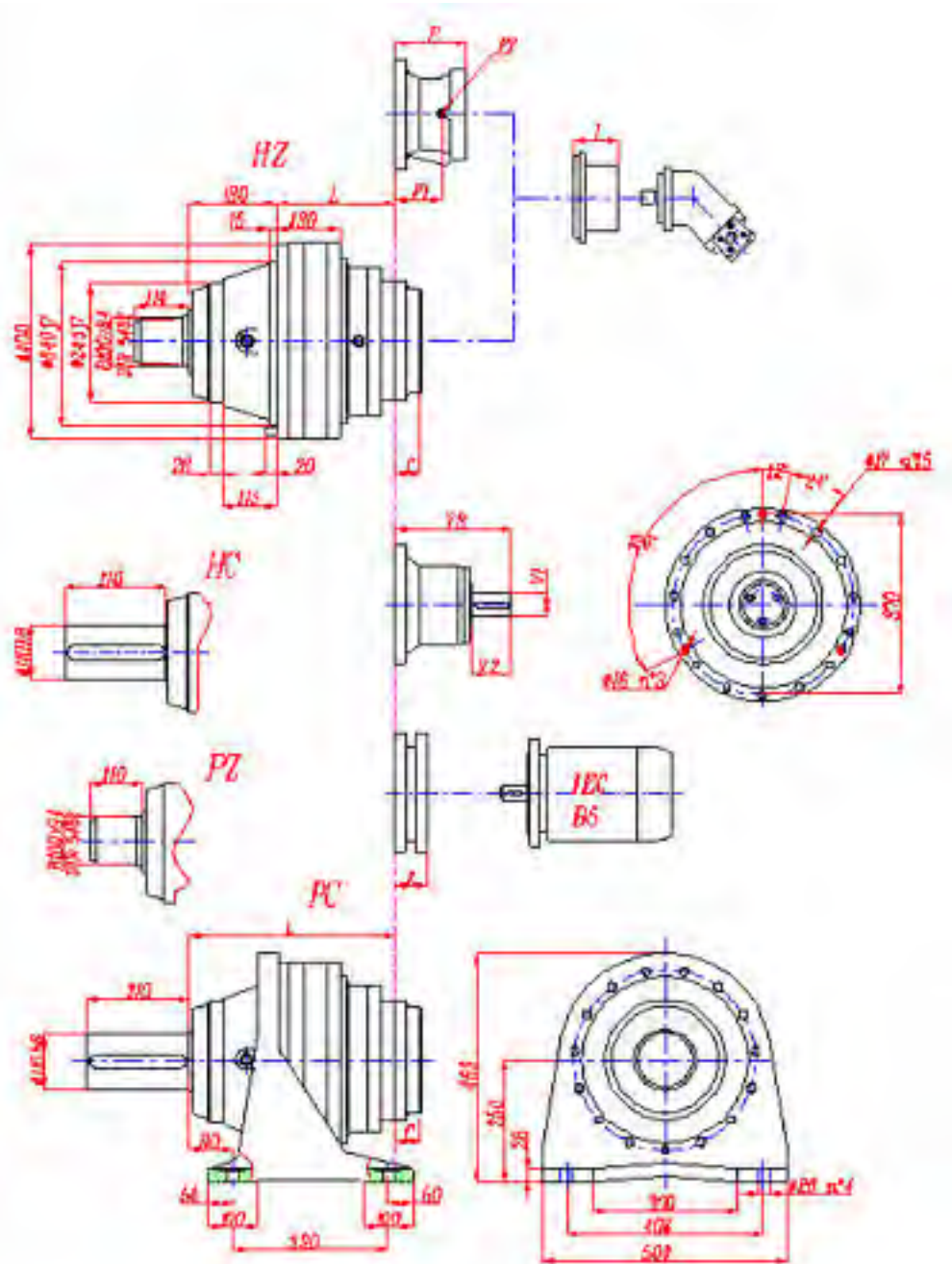


NB310L M2'=25000N.m

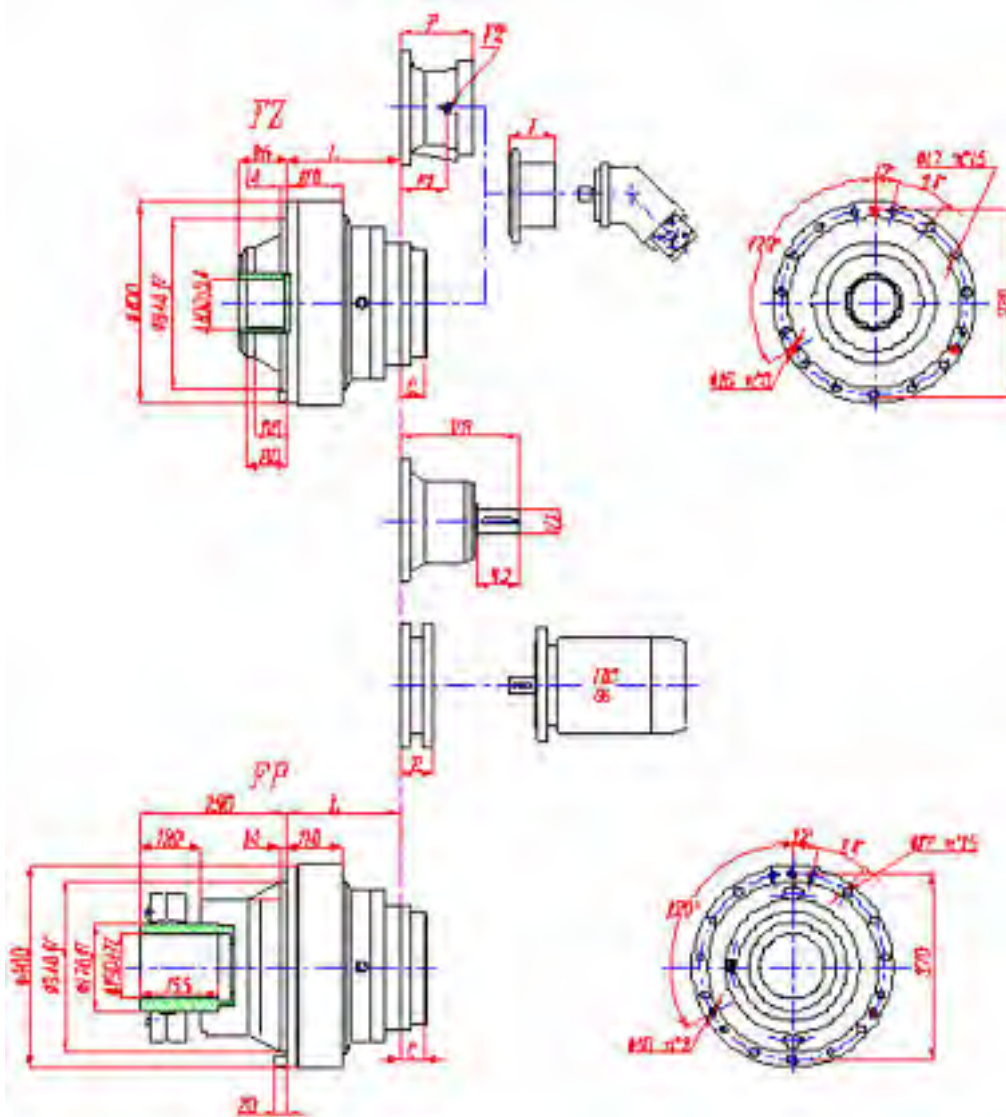
	I	Mn ₂ (N.m)					P ₁	P _t (KW)	n ₁	n _{1max}	M _b	Brake	
		n _{2.h}	n _{2.h}	n _{2.h}	n _{2.h}	n _{2.h}							n _{2.h}
	1:	10000	25000	50000	100000	500000	100000 0	(KW)	(n ₁ =1500)	(min ⁻¹)	(min ⁻¹)	(N.m)	制动 器械
L1	4.2	30000	30000	26000	21000	13000	11000	150	35	1000	1500		
	5.0	29000	25000	22000	20000	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

3	6		0		0	0							
	45.	26000	2100 0	18000	1700 0	1200 0	10000	45	20	1 750	3 500	440	4L
	53.	29000	2500 0	22000	2000 0	1300 0	11000	41	20	1 750	3 500	440	4L
	63.	29000	2500 0	22000	2000 0	1300 0	11000	37	20	1 750	3 500	440	4L
	74.	29000	2500 0	22000	2000 0	1300 0	11000	33	20	1 750	3 500	440	4L
	86.	26000	2100 0	18000	1700 0	1200 0	10000	27	20	1 750	3 500	400	4K
	10	26000	2100 0	18000	1700 0	1200 0	10000	24	20	1 750	3 500	400	4K
	12	26000	2100 0	18000	1700 0	1200 0	10000	20	20	1 750	3 500	330	4H
				<, DIV align=ce nter>									
R	14	30000	3000 0	26000	2100 0	1300 0	11000	21	14	1 750	3 500	330	4H
4	18	30000	3000 0	26000	2100 0	1300 0	11000	17	14	1 750	3 500	330	4H
	22	30000	3000 0	26000	2100 0	1300 0	11000	15	14	1 750	3 500	260	4F
	26	29000	2500 0	22000	2000 0	1300 0	11000	13	14	1 750	3 500	160	4D
	31	29000	2500 0	22000	2000 0	1300 0	11000	11.	14	1 750	3 500	160	4D
	37	29000	2500 0	22000	2000 0	1300 0	11000	10.	14	1 750	3 500	100	4B
	41	29000	2500 0	22000	2000 0	1300 0	11000	9.3	14	1 750	3 500	100	4B
	50	29000	2500 0	22000	2000 0	1300 0	11000	7.7	14	1 750	3 500	100	4B
	56	26000	2100 0	18000	1700 0	1200 0	10000	6	14	1 750	3 500	100	4B
	68	26000	2100 0	18000	1700 0	1200 0	10000	5	14	1 750	3 500	50	4A
	84	26000	2100 0	18000	1700 0	1200 0	10000	4.3	14	1 750	3 500	50	4A
$M_{2max}=1.2 \times Mn2(n2 \times h=10\ 000)$													

NB 310L



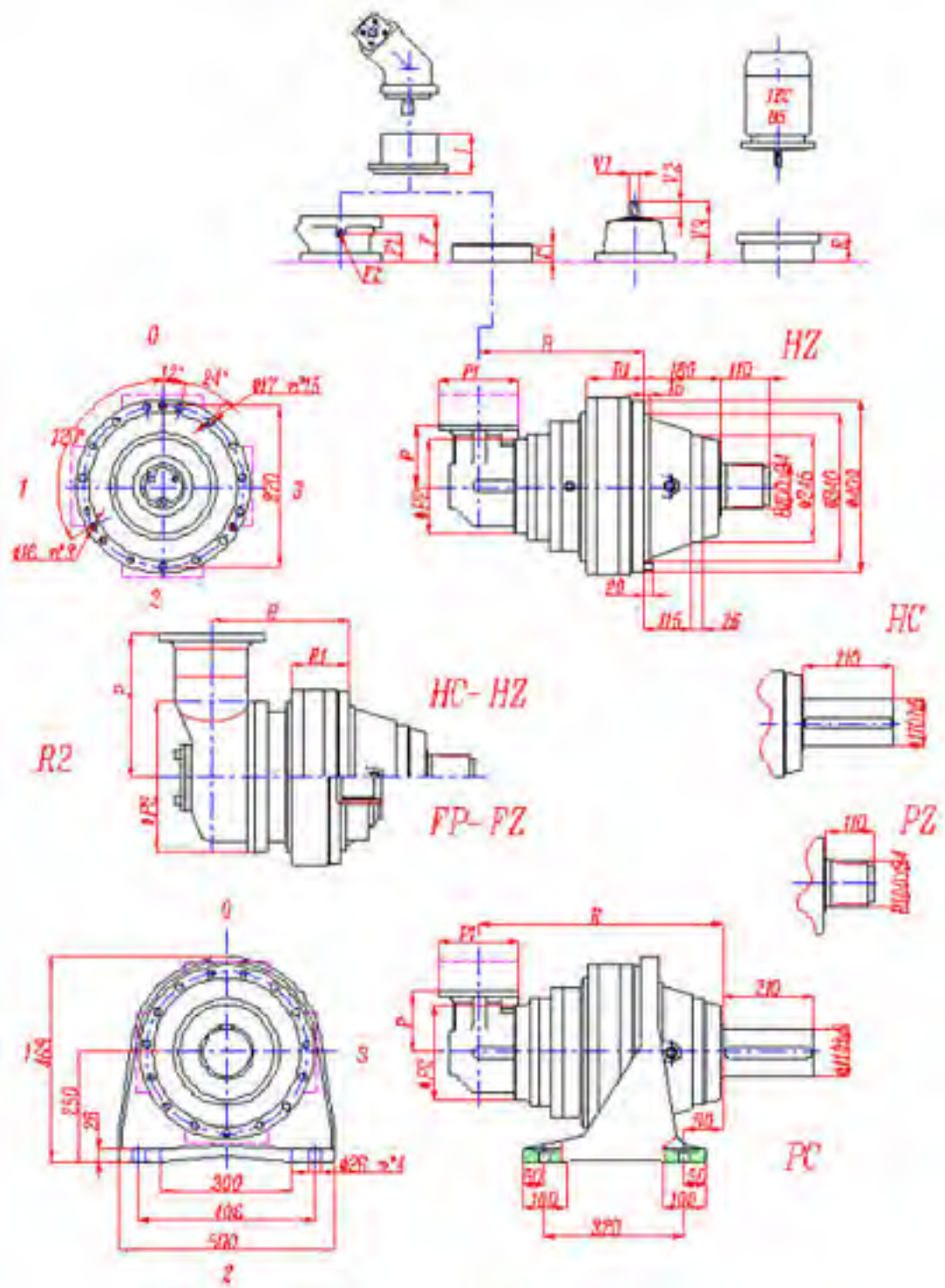
NB310L



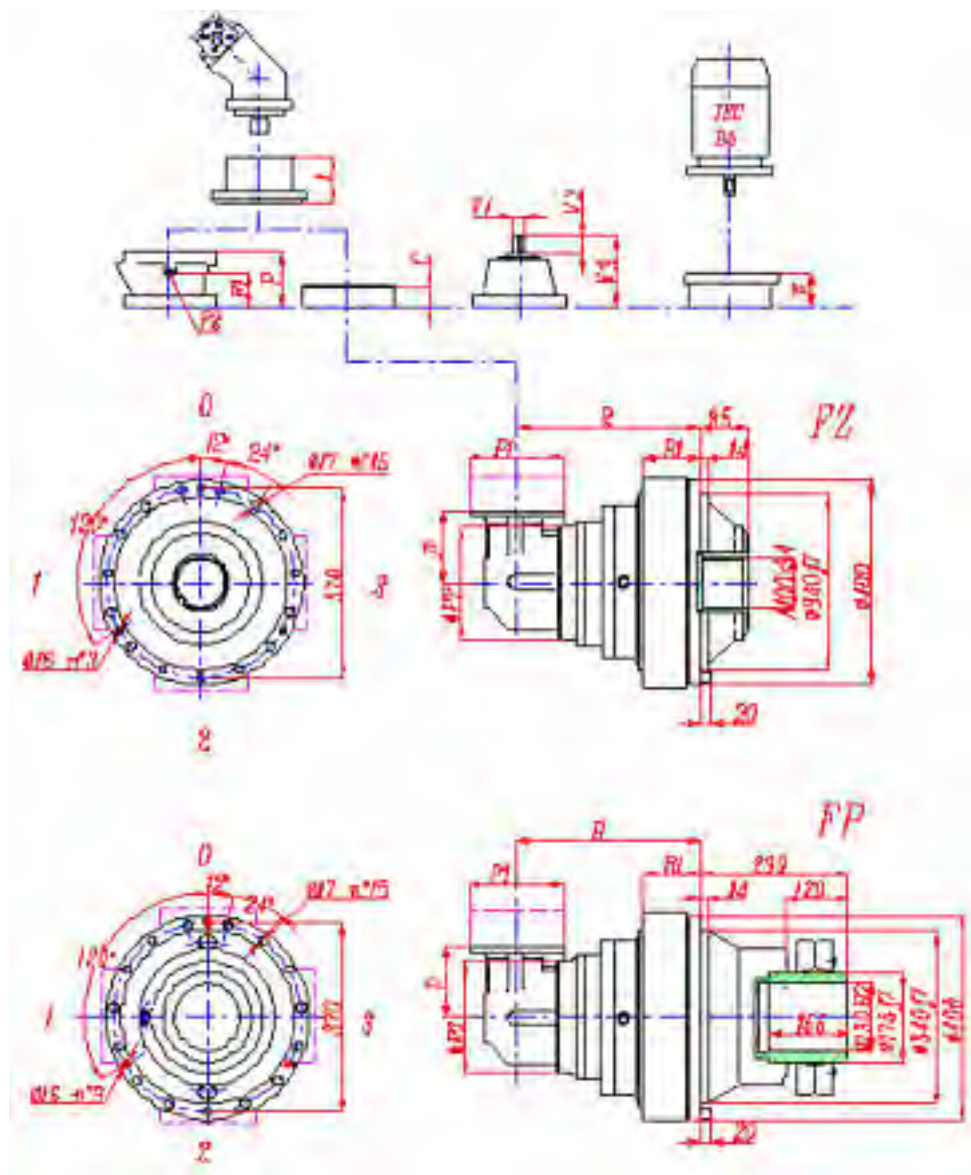
	L				Ref. weight (without input)(Kg)				C	I	Brake				
	HZHC	PCPZ	FZ	FP	HZHC	PCPZ	FZ	FP			F	F1	F2	Type	Ref. Weight
310L1	108	288	88	88	135	130	110	115	88	According to hydraulic motor					
310L2	244	424	224	224	165	142	140	145	45		195	147	1/4 G	6	38 Kg
310L3	313	493	293	293	178	149	153	158	37		145	95	1/4 G	5	22 Kg
310L4	366	546	346	346	182	153	157	162	37		105	65	1/4 G	4	15 Kg

	E (IEC motor input)													
	IEC71	IEC80	IEC90	IEC100	IEC112	IEC132	IEC160	IEC180	IEC200	IEC225	IEC250			
310L1									271	301	281			
310L2								152	182	212	193			
310L3						114	144	144	174					
310L4	65	84	84	94	94	114	144							

NB310R

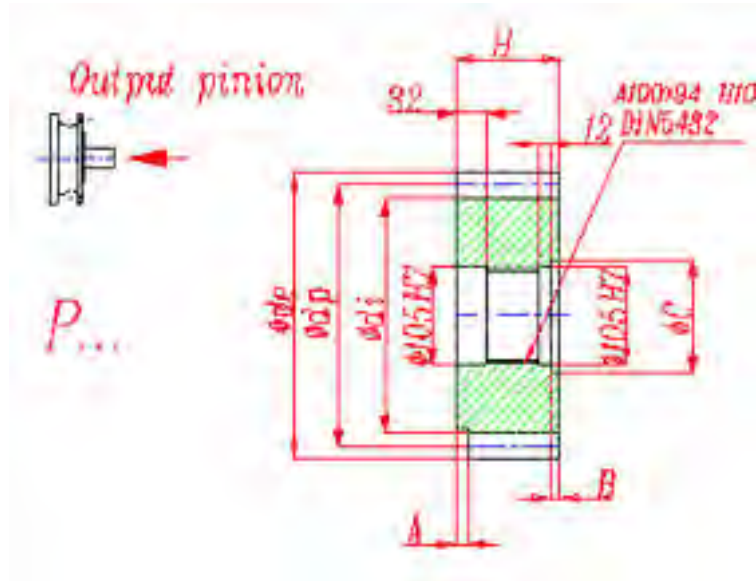


NB310R

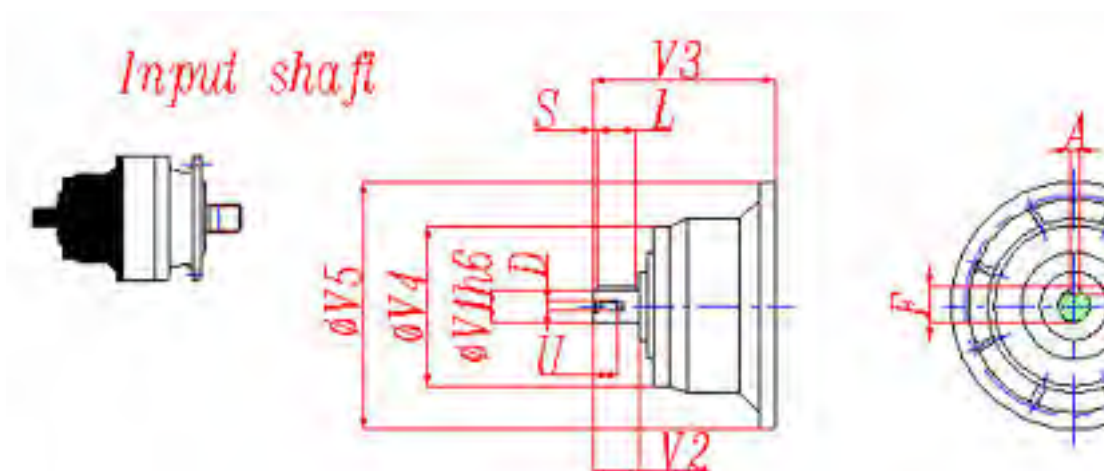


FP version
 Max. transmissible
 36000 N.m

	R				Ref. weight (without input)(Kg)				C	P	I	Brake					
	HZHC	PCPZ	FZ	FP	HZHC	PCPZ	FZ	FP				F	F1	F2	Type	Ref. Weight	
310R2	315	495	218	295	260	280	240	250	453	37	122	According to hydraulic motor	195	147	1/4 G	6	38
310R3	381	561	284	361	189	209	164	169	37	140	145		95	1/4 G	4	22	
310R4	405	585	349	385	194	214	169	174	37	140	105		65	1/4	4	15	



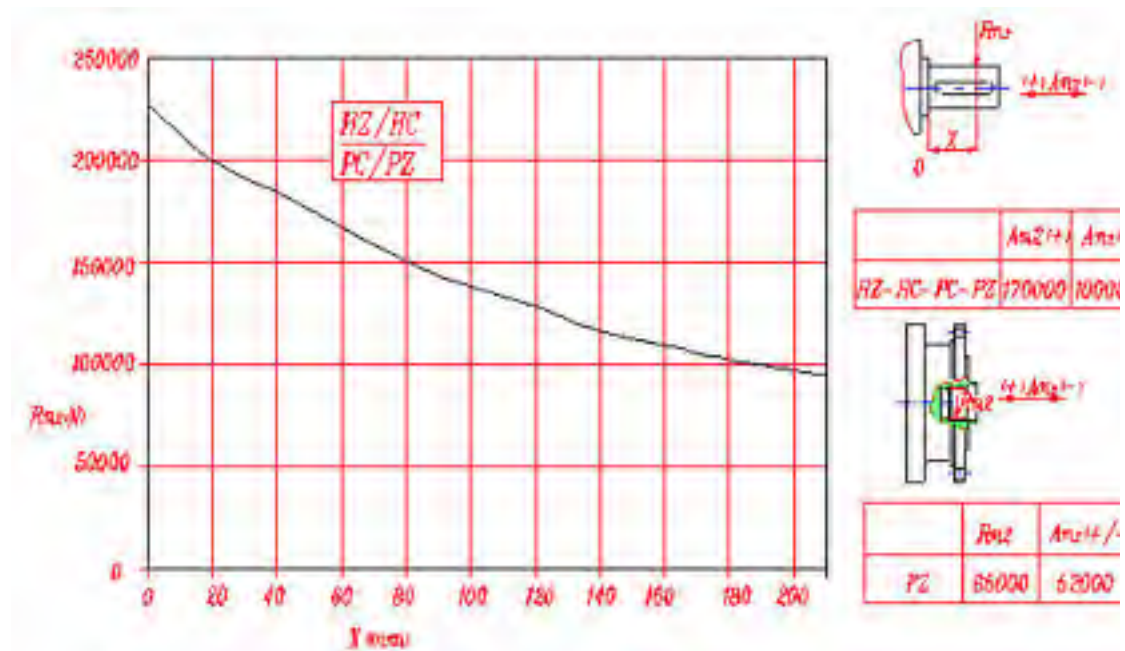
	m	z	x	dp	di	de	H	A	B	C
PLQ	12	23	0	276	246	300	110	0	0	0
PPD	16	13	0.5000	208	184	252.5	145	0	35	116
PPF	16	15	0.450	240	215	280	125	0	15	120



	CODE	V1	V2	V3	V4	V5	A	B	F	L	S	D	U
310L1	V10B	80	130	377	200	400	22	14	85	110	10	M16	36
310L2	V06B	60	105	307	155	292	18	11	64	90	7.5	M16	36
310L3	V05B	48	82	239	155	245	14	9	51.5	70	6	M16	36
310L4	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
310R2	V06B	60	105	307	155	292	18	11	64	90	7.5	M16	36
310 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

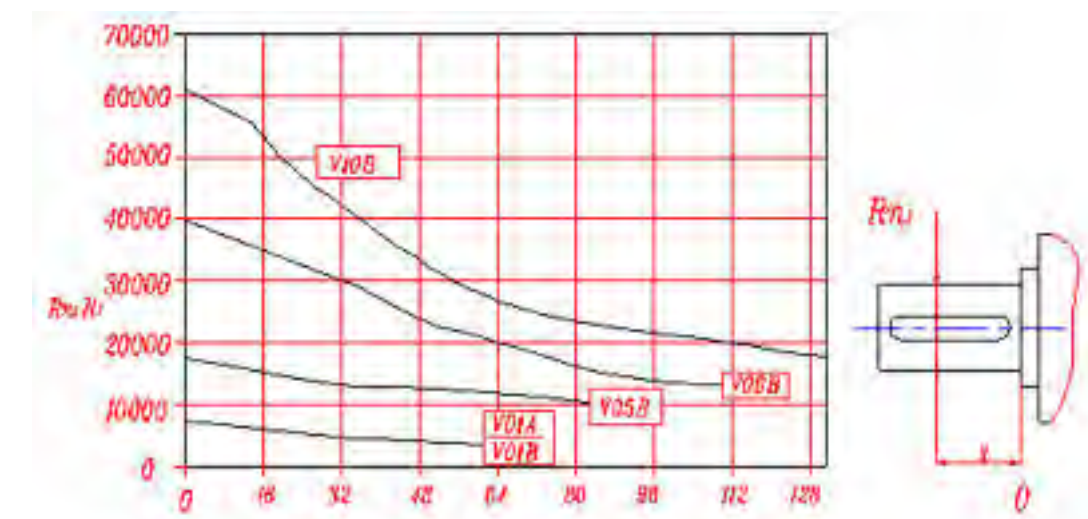
NB310L - NB310R

Permissible radial and axial loads on output shaft with Fh2 (n2·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 (n1·h=250 000)



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

