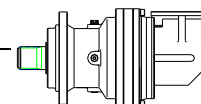


**NB309L**

**M2'=18500N.m**

	I 1:	Mn <sub>2</sub> (N.m)						P <sub>1</sub> (KW)	P <sub>t</sub> (KW) (ta=20°C) (n <sub>1</sub> =1500)	n <sub>1</sub> (min <sup>-1</sup> )	n <sub>1max</sub> (min <sup>-1</sup> )	M <sub>b</sub> (N.m)	Brake type 制动器
		n <sub>2.h</sub> 10000	n <sub>2.h</sub> 25000	n <sub>2.h</sub> 50000	n <sub>2.h</sub> 100000	n <sub>2.h</sub> 500000	n <sub>2.h</sub> 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<sub>2max</sub>=1.2×Mn2(n2×h=10 000)**



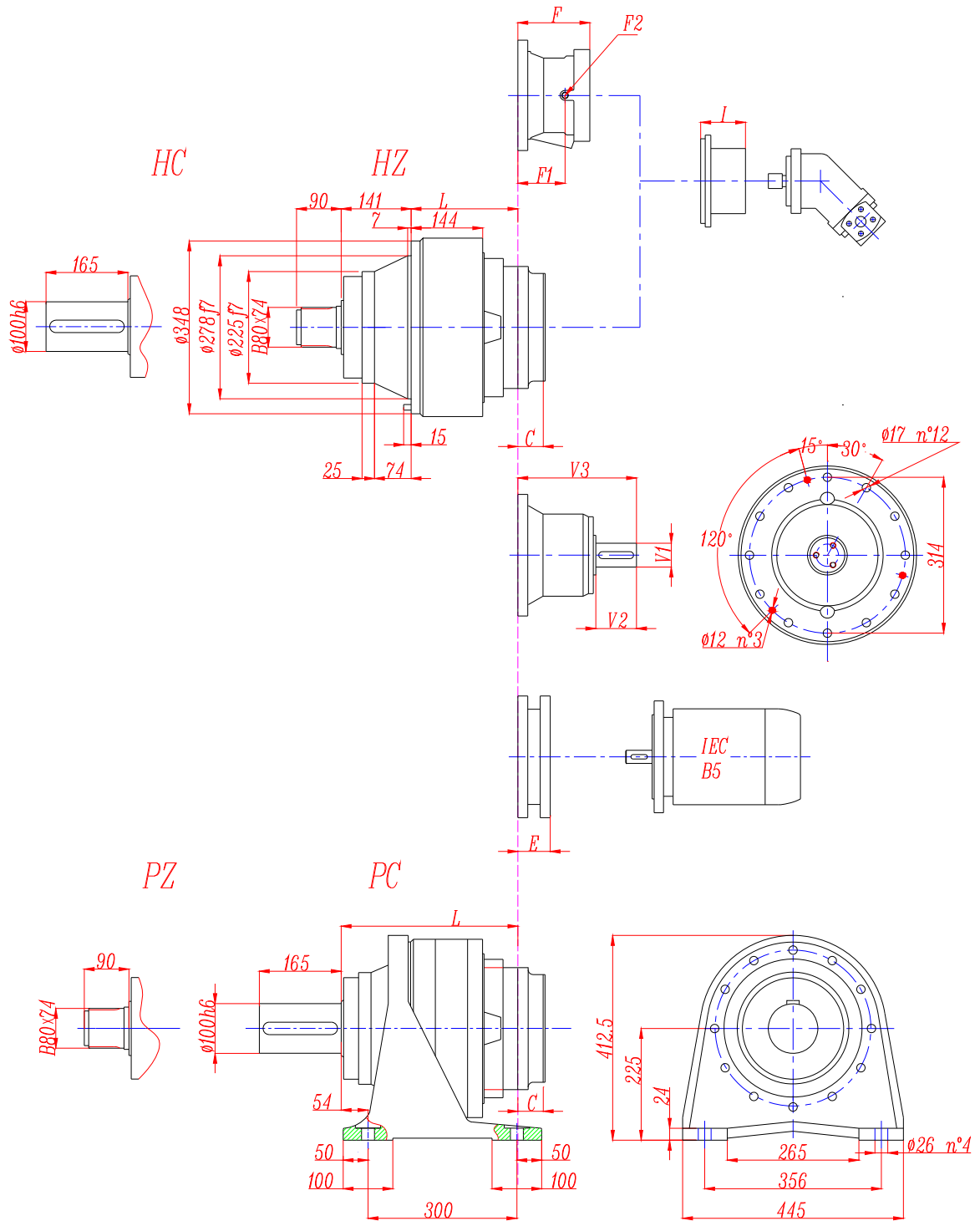
**NB309R**

**M2'=18500N.m**

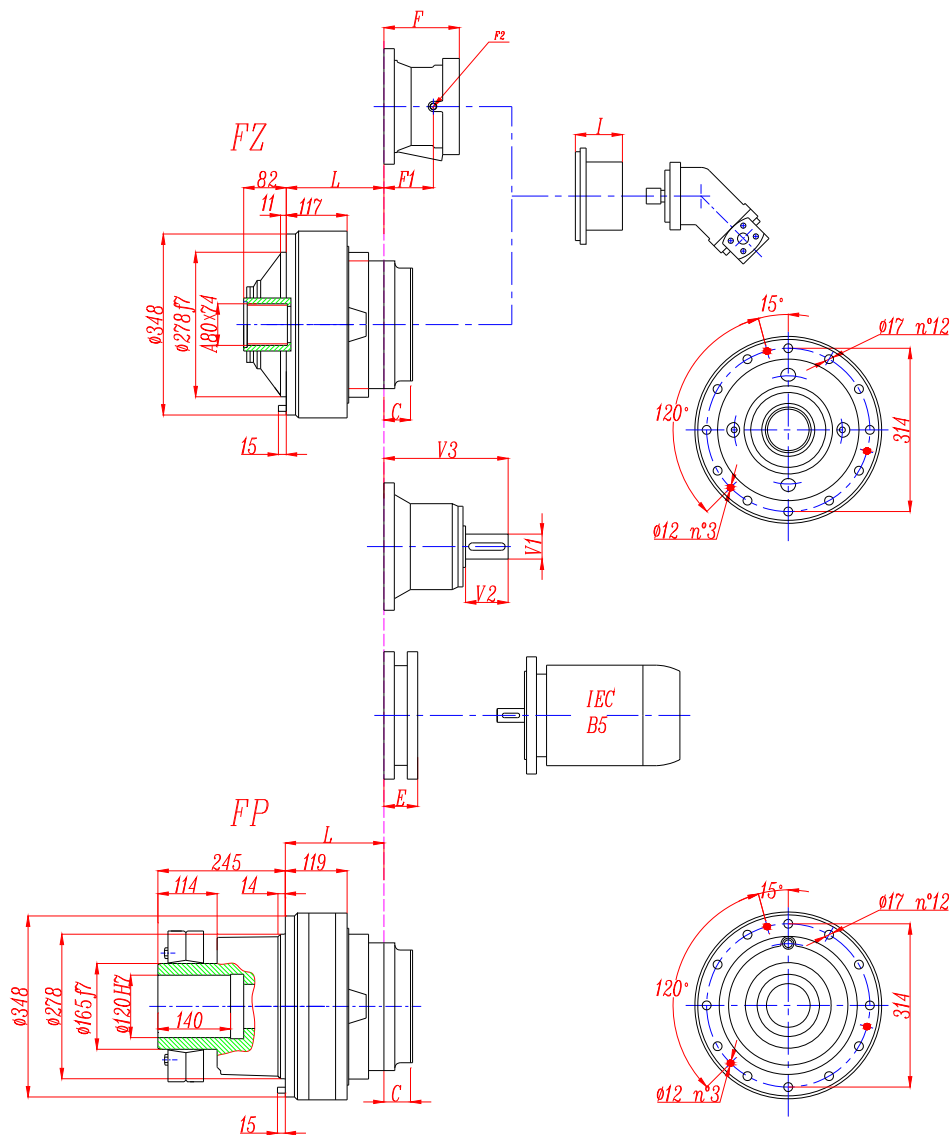
	I 1:	Mn <sub>2</sub> (N.m)						P <sub>1</sub> (KW)	P <sub>t</sub> (KW) (ta=20°C) (n <sub>1</sub> =1500)	n <sub>1</sub> (min <sup>-1</sup> )	n <sub>1max</sub> (min <sup>-1</sup> )	M <sub>b</sub> (N.m)	Brake type 制动器
		n <sub>2</sub> .h 10000	n <sub>2</sub> .h 25000	n <sub>2</sub> .h 50000	n <sub>2</sub> .h 100000	n <sub>2</sub> .h 500000	n <sub>2</sub> .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<sub>2max</sub>=1.2×Mn<sub>2</sub>(n<sub>2</sub>×h=10 000)**

# NB309L



# NB309L

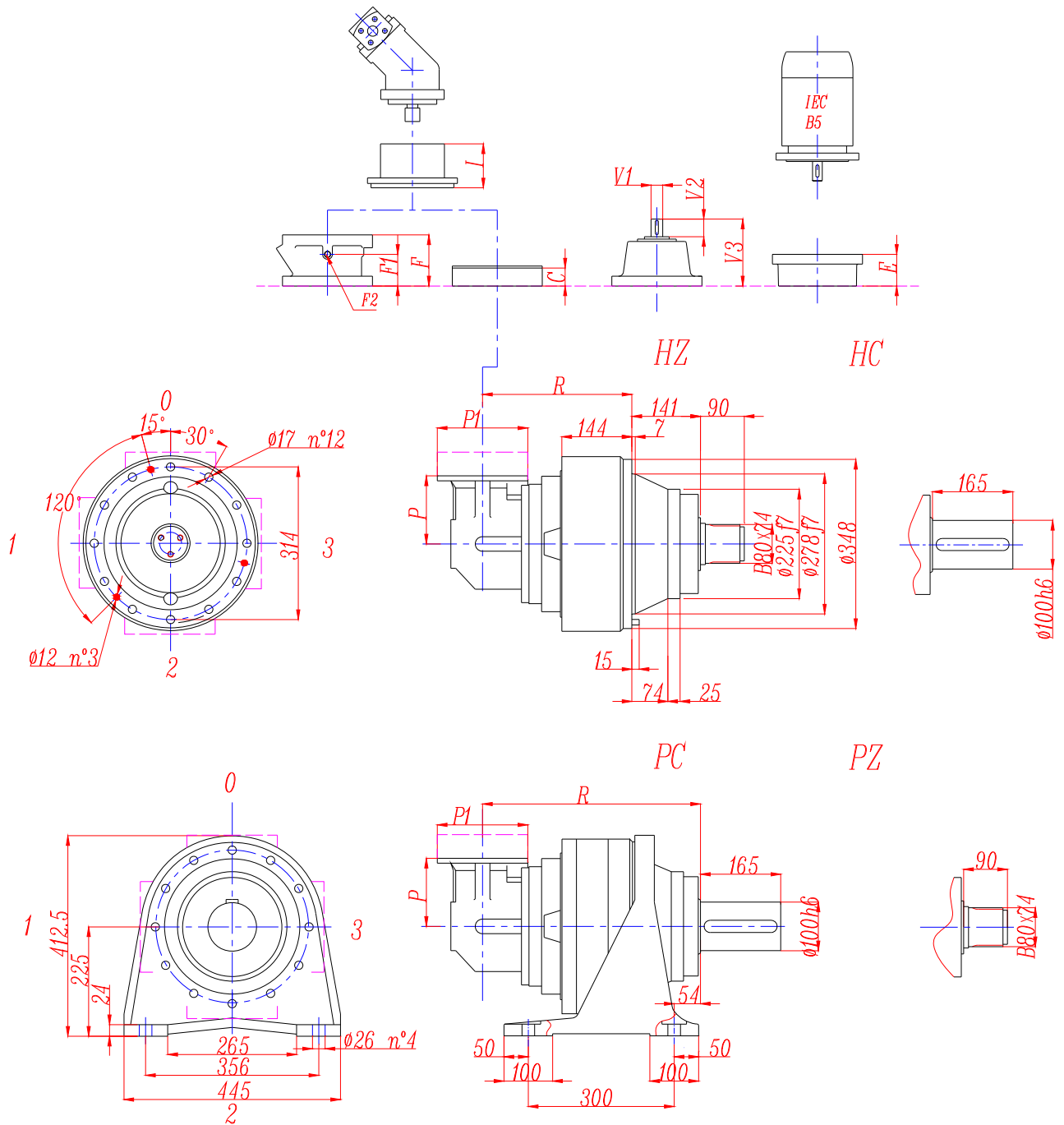


**FP version**  
**Max. transmissible**  
**25000 N.m**

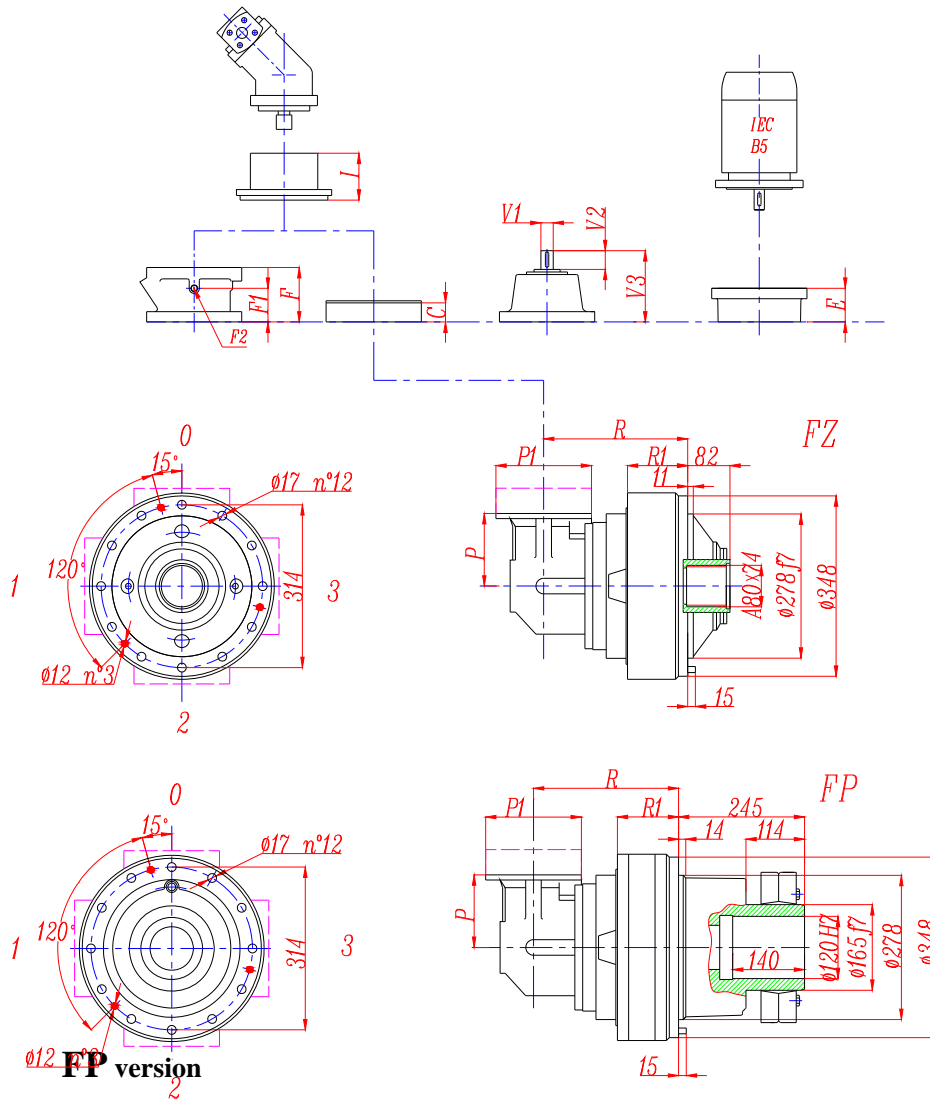
	L				Ref. weight (without input) (Kg)				C	I	Brake				
	HZ HC	PC PZ	FZ	FP	HZ HC	PC PZ	FZ	FP			F	F1	F2	Type	Ref. Weight
<b>309L1</b>	127	268	127	127	131	176	100	131	51	According to hydraulic motor	196	115	1/4 G	6	75 Kg
<b>309L2</b>	220	361	220	220	150	195	119	150	37		142	88	1/4 G	5	38 Kg
<b>309L3</b>	285	426	285	285	159	204	128	159	37		105	65	1/4 G	4	18 Kg
<b>309L4</b>	338	479	338	358	167	212	136	167	37		105	65	1/4 G	4	18 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			
<b>309L1</b>								159	159	198	198			
<b>309L2</b>						120	153	153	153	186				
<b>309L3</b>	77	97	97	107	107	120	153	153						
<b>309L4</b>	77	97	97	107	107	120	153	153						

# NB309R



# NB309R



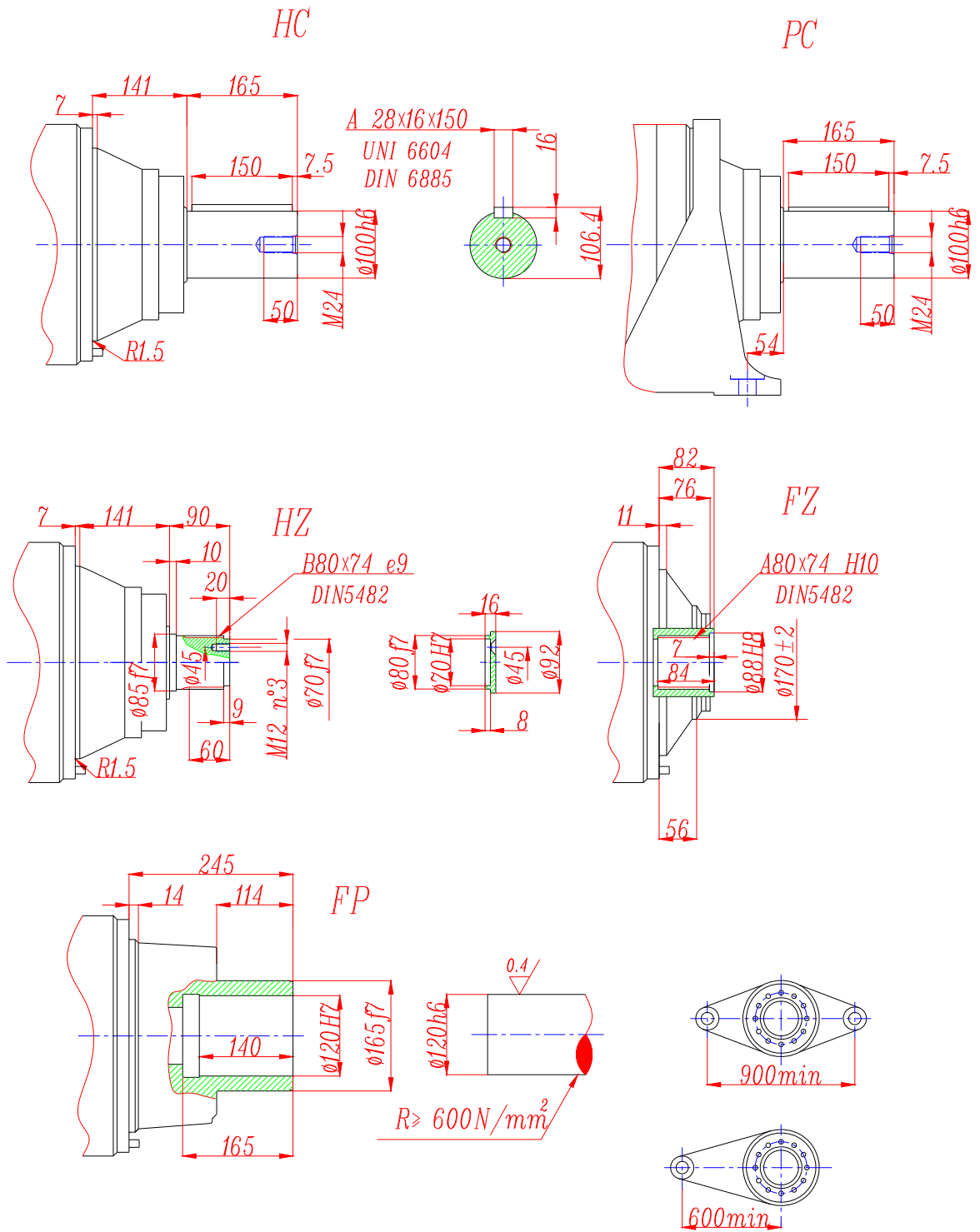
Max. transmissible

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 Kg
<b>309R2</b>	282	423	282	282	275	320	244	275	37	209	According to hydraulic motor	142	88	1/4 G	4	38
<b>309R3</b>	327	468	327	327	186	231	155	186	37	140		105	65	1/4 G	4	18
<b>309R4</b>	363	504	363	363	173	218	142	173	37	122		105	65	1/4 G	4	18

	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	IEC <b>250</b>
<b>309R2</b>	245	144	144	144	144						120	153	153	153	186
<b>309R3</b>	186	144	144	144	144	77	97	97	107	107	120	153	153		
<b>309R4</b>	186	144	144	144	144	77	97	97	107	107	120	153	153		

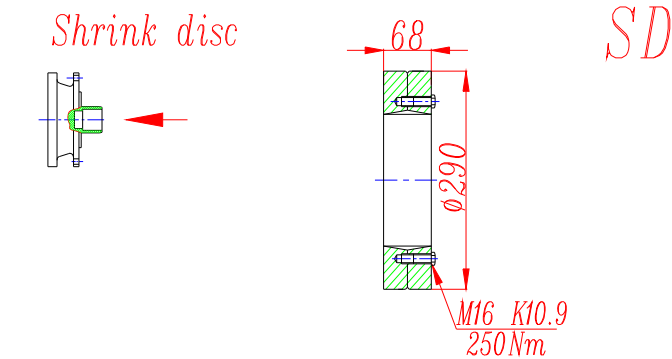
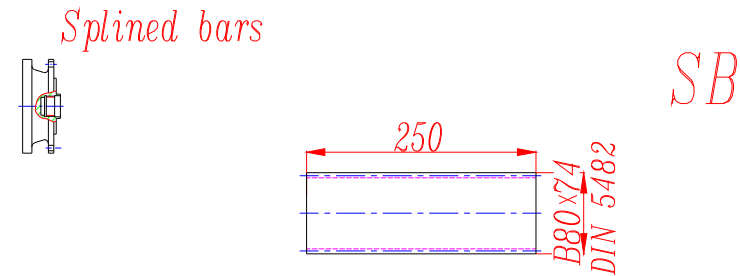
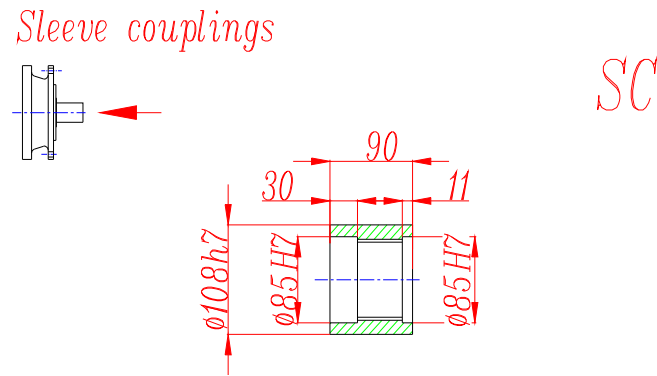
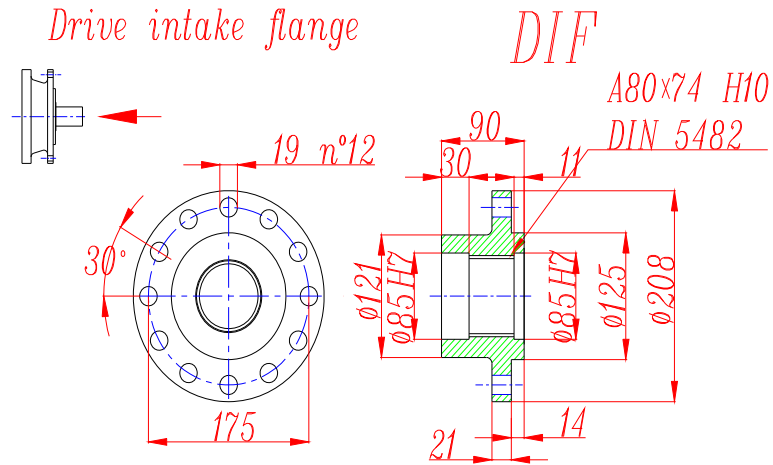
**NB309L - NB309R**



**FP version**

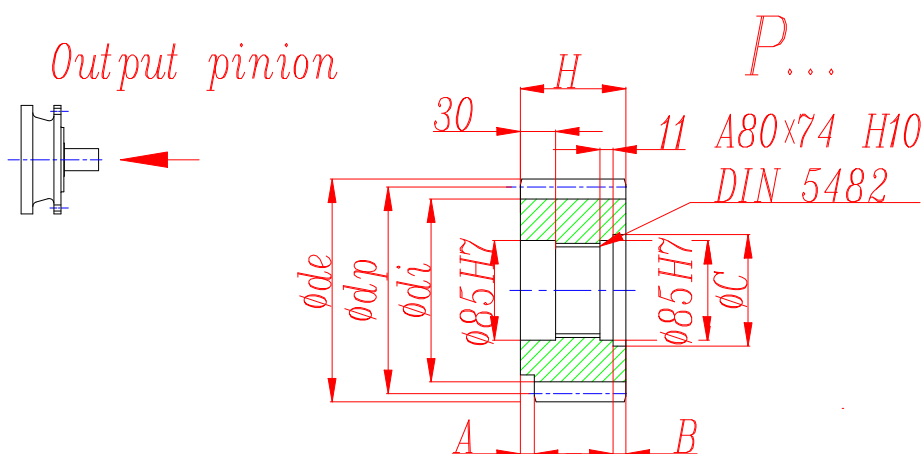
**Max. transmissible  
25000 N.m**

**NB309L - NB309R**

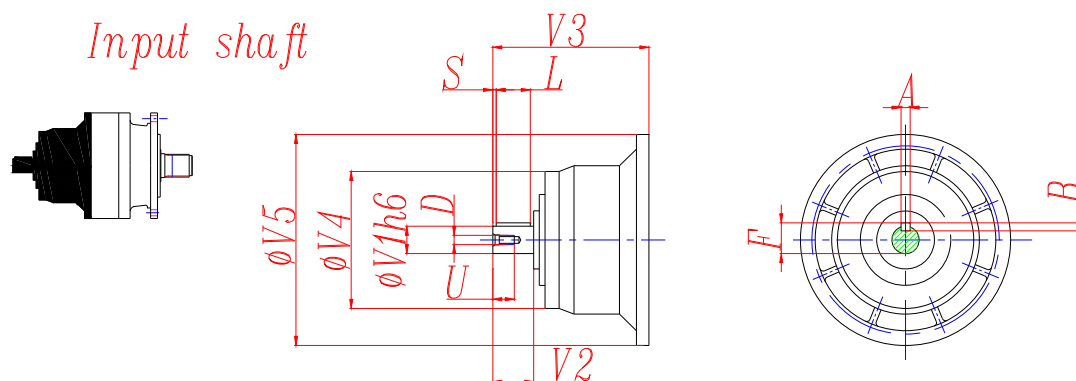




## NB309L - NB309R



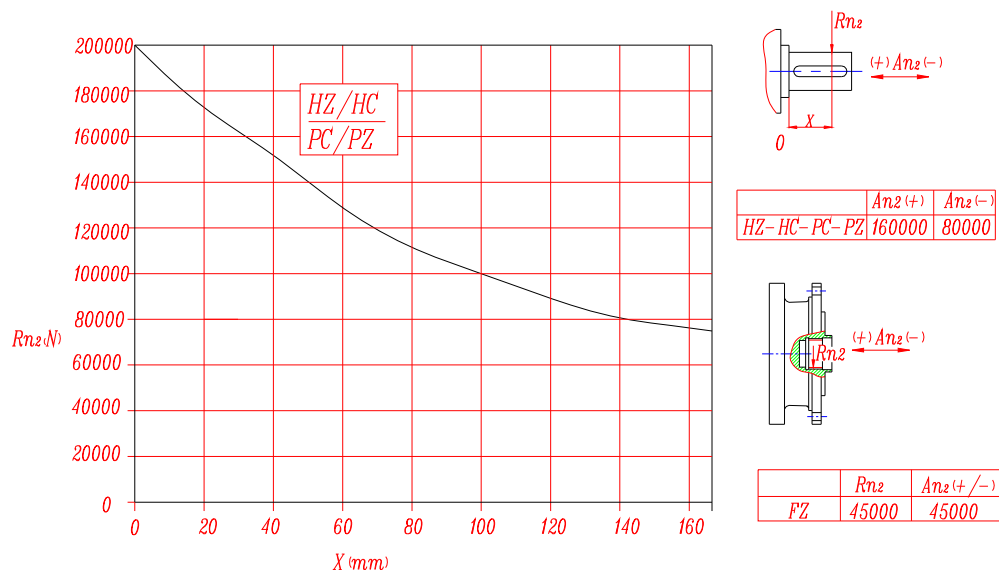
	m	z	x	dp	di	de	H	A	B	C
<b>PFG</b>	8	16	0.5000	128	117	149.5	90	0	0	0
<b>PHC</b>	10	12	0.4500	120	104	145	90	0	0	0
<b>PHE</b>	10	14	0.320	140	121	162.5	116	13	26	95
<b>PHF</b>	10	15	0.150	150	130	171.5	107	20	17	100
<b>PHG</b>	10	16	0.500	160	145	186	90	10	0	0
<b>PHH1</b>	10	17	0	170	145	190	90	0	0	0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



	CODE	V1	V2	V3	V4	V5	A	B	F	L	S	D	U
<b>309L1</b>	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
<b>309L2</b>	V05B	48	82	239	155	245	14	9	51.5	70	6	M16	36
<b>309L3</b>	V01A	24	36	136	130	186	8	7	27	30	3	M8	19
	V01B	38	58	158	130	186	10	8	41	50	4	M12	28
<b>309L4</b>	V01A	24	36	136	130	186	8	7	27	30	3	M8	19
	V01B	38	58	158	130	186	10	8	41	50	4	M12	28
<b>309R2</b>	V05B	48	82	239	155	245	14	9	51.5	70	6	M16	36
<b>309 R3-R4</b>	V01A	24	36	136	130	186	8	7	27	30	3	M8	19
	V01B	38	58	158	130	186	10	8	41	50	4	M12	28

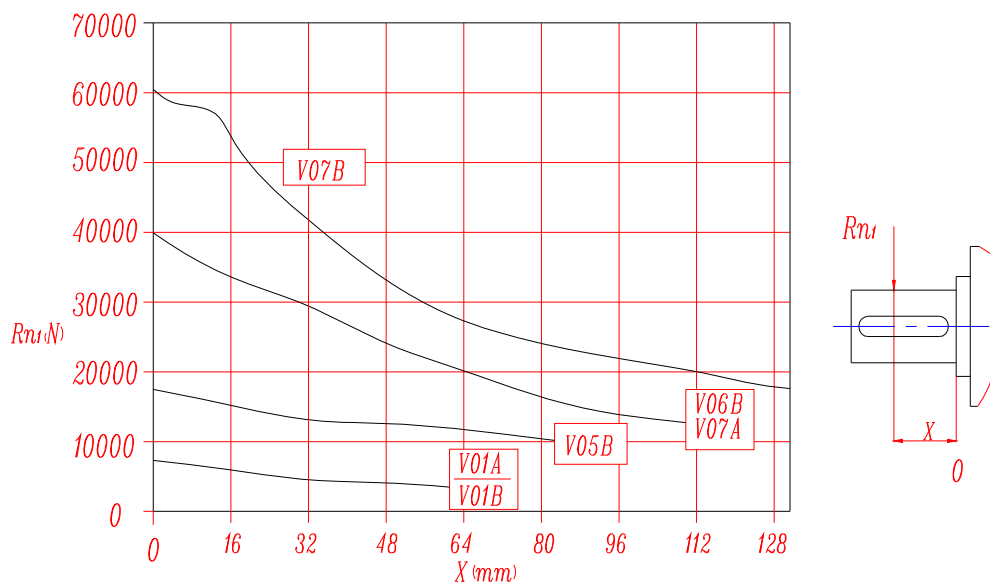
## NB309L - NB309R

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	FZ	1	0.74	0.58	0.46	0.27
		HZ-HC-PC-PZ	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