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**NB300L SERIES In Line Planetary drives**

**NB300R SERIES Right angle Planetary drives**



The **NB300L** and **NB300R** series planetary gearbox by DIGA - **planetary gearbox** enjoy following features:

**1. Output torque Range:** 1000 ... 450000 N.m

**2. Gear Ratios:**  $i=3.3... 9000$

**3. Output Configuratio:**

Foot or flange mounted  
Output shaft: solid with key, spline, spline hollow, hollow with shrink disc

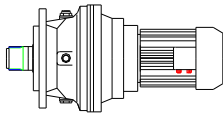
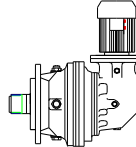
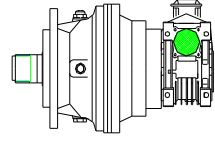
**4. Input Configuration:**

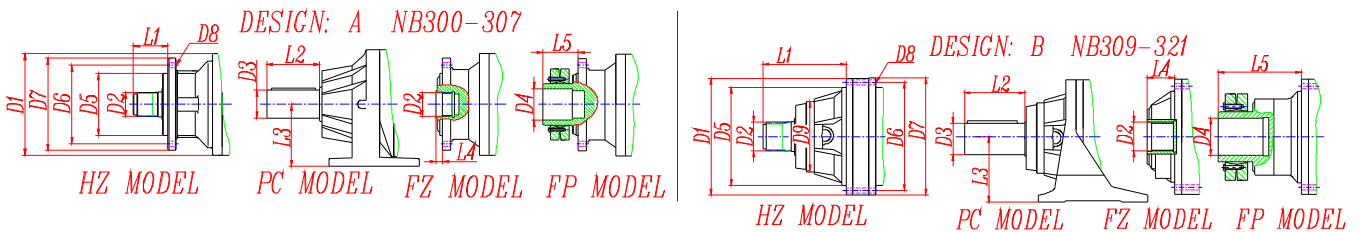
Flanged axial piston hydraulic  
Hydraulic orbit motors  
IEC and NEMA motor adaptors  
Solid input shaft

**5. Hydraulic Brake:** Hydraulic released parking brake on request

**6. Gear Unit Versions:** In line version  
Right angle (with a spiral bevel gear set)

**7. Electric Brake:** DC and AC type

Type	Rated torque (Max.) (N.m)	Rated power (KW)	Input speed (Max.) (rpm)	Range of ratios			Design
							
				In line	Right angle	Combined with worm gear	
NB300	1000	20	3000	3.3-2700	7-800	400-9000	A
NB301	1750	30	3000	3.3-2700	7-800	400-9000	A
NB303	2500	40	3000	3.6-2900	9-900	400-9000	A
NB305	5000	60	3000	3.6-2900	9-900	400-9000	A
NB306	8500	75	2500	3.7-2900	9-900	400-9000	A
NB307	12500	100	2500	3.4-2500	13-800	400-9000	A
NB309	18500	130	2500	3.4-2500	13-800	400-9000	B
NB310	25000	150	2000	3.8-2500	40-900	400-9000	B
NB311	35000	180	2000	4-2200	18-800	400-9000	B
NB313	50000	200	2000	4-2200	18-800	400-9000	B
NB315	80000	250	1500	4-2000	70-900	400-9000	B
NB316	105000	270	1500	4-2000	50-600	400-9000	B
NB317	150000	300	1000	4-1900	70-900	400-3000	B
NB318	200000	340	1000	4-1100	200-700	400-9000	B
NB319	300000	380	500	4-1400	300-800	1000-9000	B
NB321	450000	450	300	4-1100	300-800	1000-9000	B



Type	Dimensions														Design
	D1	D2	D3	D4	L1	L2	L3	L4	L5	D5	D6	D7	D8	D9	
NB300	185	40×36 DIN 5482	38	42	61	58	100	14	50	110	165	185	8-φ11	--	A
NB301	185	40×36 DIN 5482	50	42	61	82	132	14	50	110	165	185	8-φ11	--	A
NB303	245	58×53 DIN 5482	60	75	83	105	160	15	85	150	195	222	10-φ13	--	A
NB305	245	58×53 DIN 5482	60	75	83	105	160	15	85	150	195	222	10-φ13	--	A
NB306	292	70×64 DIN 5482	80	90	130	130	180	40	115	200	250	280	12-φ15	--	A
NB307	348	80×74 DIN 5482	90	100	162	170	200	36	120	230	295	325	10-φ17	--	A
NB309	348	80×74 DIN 5482	100	120	231	165	225	82	245	278	314	348	12-φ17	225	B
NB310	400	100×94 DIN 5482	110	130	290	210	250	95	290	340	370	400	15-φ17	245	B
NB311	428	100×94 DIN 5482	120	135	320	210	280	88	190	358	390	428	24-φ17	230	B
NB313	445	120×3 DIN 5480	140	145	357	200	280	81	235	385	415	445	30-φ17	260	B
NB315	542	150×5 DIN 5480	160	180	429	240	315	98	260	460	503	542	20-φ21	300	B
NB316	670	170×5 DIN 5480	180	180	275	260	400	145	265	580	625	670	30-φ22	--	B
NB317	695	200×5 DIN 5480	200	260	352	260	415	152	318	560	635	695	24-φ32	--	B
NB318	800	220×5 DIN 5480	250	220	340	330	500	155	305	700	750	800	32-φ26	--	B
NB319	940	260×5 DIN 5480	280	350	470	380	550	210	440	800	880	940	30-φ33	--	B
NB321	1100	300×8 DIN 5480	340	390	500	540	650	250	440	940	1020	1100	36-φ33	--	B