

700T series Slew drives

Bonfiglioli 700T series provide the safest and most effective solution for cranes, excavators and forestry machines.

Highly appreciated by all the major manufacturers, the 700T Series have long been established in the cranes, excavators and special equipment industries.



Torque Range

1000 ... 80000 Nm

Gear Ratios

3.4 ... 2000

Key Features

- Flange mounted
- Output shaft: splined or with integral pinion
- Rugged construction
- High torque capacity
- Output shafts supported by heavy duty capacity bearings

Hydraulic motor options

- Pressure relief valve
- Overcenter valve

Hydraulic Brake

Hydraulically released parking brake on request

Electric Brake

DC and AC type

Type (Nm)

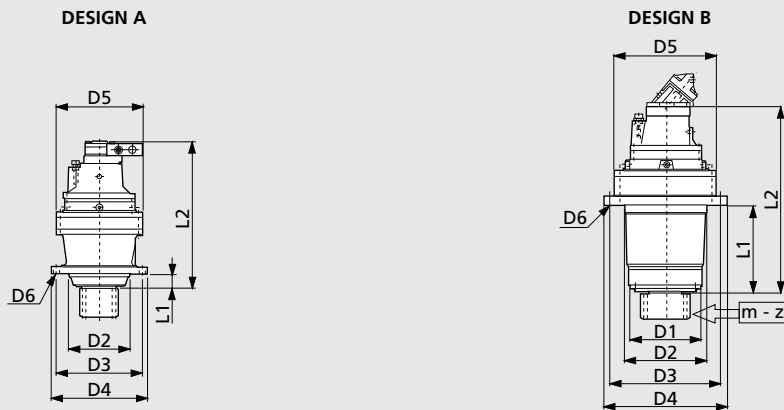
Type	Excavator Torque (Nm)	Crane Torque (Nm)
700 T	1000	1200
	1800	2400
701 T	2500	3500
	3600	4800
704 T	5000	6500
	7500	10000
706 T	9000	15000
	12000	20000
709 T	18000	30000
	20000	35000
710 T	30000	45000
	35000	50000
711 T	40000	55000
	50000	65000
712 T	70000	80000
	80000	

■ Excavator Torque
■ Crane Torque



TYPE	RANGE OF RATIOS	MAX. INPUT SPEED	HYDRAULIC MOTOR DRIVE ⁽¹⁾	BRAKING TORQUE	MIN. OPENING PRESSURE	WEIGHT	DESIGN
	max/min	bar		Nm	bar	Kg	
700 T F	3.48-7.2	500	LS	50 - 400	10 - 30	22	A
701 T F	3.48-7.2	500	LS	50 - 400	10 - 30	27	A
703 T F	12-44	3000	HS	50 - 400	10 - 30	45	A
704 T F	12-44	3000	HS	50 - 400	10 - 30	50	A
705 T F	12-44	3000	HS	50 - 400	10 - 30	55	A
705 T L	12-44	3000	HS	50 - 400	10 - 30	80	B
706 T N	15-46	3000	HS	400 - 1000	20 - 30	95	B
707 T N	17-47	3000	HS	400 - 1000	20 - 30	140	B
709 T N	17-47	3000	HS	400 - 1000	20 - 30	165	B
710 T N	19-38	3000	HS	400 - 1000	20 - 30	250	B
711 T C	14-39	3000	HS	400 - 1000	20 - 30	300	B
711 T F	14-39	3000	HS	400 - 1000	20 - 30	160	A
712 T F	80-200	3000	HS	400 - 1000	20 - 30	450	A
712 T N	80-200	3000	HS	400 - 1000	20 - 30	450	B
713 T N	50-300	3000	HS	400 - 1000	20 - 30	500	B
714 T F	90-180	3000	HS	400 - 1000	20 - 30	160	A
715 T N	57-250	3000	HS	400 - 1000	20 - 30	650	B

(1) LS = Low speed motor / HS = High speed motor



TYPE	D1	D2	D3	D4	D5	D6	L1	L2	m	z
700 T F	-	150	195	220	186	12.5	31	300		
701 T F	-	150	195	220	186	12.5	31	325		
703 T F	-	175	245	272	245	18	41	410		
704 T F	-	175	245	272	245	18	41	400		
705 T F	-	175	245	272	245	18	41	440		
705 T L	180	195	245	290	245	13	171	470		
706 T N	200	250	325	360	292	17	225	560		
707 T N	230	280	314	348	345	17	295	670		
709 T N	250	280	380	420	345	17	295	720		
710 T N	300	425	460	500	400	22	360	730		
711 T C	300	425	460	500	428	22	345	735		
711 T F	500	320	500	560	425	22	70	750		
712 T F	-	410	450	490	420	ø21 n°24	120	900		
712 T N	400	425	470	510	420	ø20 n°30	350	900		
713 T N	340	400	510	560	445	22	420	1030		
714 T F	-	420	490	530	490	ø22 n°24	160	1100		
715 T N	370	470	600	640	542	22	465	1250		

Module / number of teeth of pinion UPON REQUEST

HEADQUARTERS

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