



700T series Slew drives

Innovative solutions for slew drives.

The slew drives of the 700T series provide the safest and most effective solution to all slew drive applications.

The 700T units have long been established in the cranes, excavators and special equipment industries, and today are highly appreciated by all the major manufacturers.



Type	Excavator Torque [Nm]
700 T1	1000
701 T1	1800
703 T2	2500
705 T2	5000
706 T2	7500
707 T2	9000
709 T2	12000
710 T2	18000
711 T2	20000
712 T3	30000
713 T3	40000
714 T3	50000
715 T3	70000

Type	Crane Torque [Nm]
700 T1	1200
701 T1	2400
703 T2	3500
705 T2	6500
706 T2	10000
707 T2	15000
709 T2	20000
710 T2	30000
711 T2	35000
712 T3	45000
713 T3	55000
714 T3	65000
715 T3	80000



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

Applicable motors

Cartridge axial piston hydraulic motors; Flanged axial piston hydraulic motors; Hydraulic orbit motors; IEC electric motors

Hydraulic motor options

Pressure relief valve; Overcenter valve

Hydraulic Brake

Hydraulically released parking brake on request

Electric Brake

DC and AC type

Type	Range of ratios	Max. input speed	Hydraulic motor drive	Braking torque	Min. opening pressure	Weight	Design
	1:	min -1	(1)	Nm	bar	Kg	
700 T1 F	3.48-7.2	500	LS	50 - 400	10 - 30	22	A
701 T1 F	3.48-7.2	500	LS	50 - 400	10 - 30	27	A
703 T2 F	12-44	3000	HS	50 - 400	10 - 30	45	A
705 T2 F	12-44	3000	HS	50 - 400	10 - 30	55	A
705 T2 L	12-44	3000	HS	50 - 400	10 - 30	80	B
706 T2 N	15-46	3000	HS	400 - 1000	20 - 30	95	B
707 T2 N	17-47	3000	HS	400 - 1000	20 - 30	140	B
709 T2 N	17-47	3000	HS	400 - 1000	20 - 30	165	B
710 T2 N	19-38	3000	HS	400 - 1000	20 - 30	250	B
711 T2 C	14-39	3000	HS	400 - 1000	20 - 30	300	B
711 T2 F	14-39	3000	HS	400 - 1000	20 - 30	160	A
712 T3 F	80-200	3000	HS	400 - 1000	20 - 30	450	A
712 T3 N	80-200	3000	HS	400 - 1000	20 - 30	450	B
713 T3 N	50-300	3000	HS	400 - 1000	20 - 30	500	B
714 T3 F	90-180	3000	HS	400 - 1000	20 - 30	160	A
715 T3 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 T1 F	-	150	195	220	186	12.5	31	300		
701 T1 F	-	150	195	220	186	12.5	31	325		
703 T2 F	-	175	245	272	245	18	41	410		
705 T2 F	-	175	245	272	245	18	41	440		
705 T2 L	180	195	245	290	245	13	171	470		
706 T2 N	200	250	325	360	292	17	225	560		
707 T2 N	230	280	314	348	345	17	295	670		
709 T2 N	250	280	380	420	345	17	295	720		
710 T2 N	300	425	460	500	400	22	360	730		
711 T2 C	300	425	460	500	428	22	345	735		
711 T2 F	500	320	500	560	425	22	70	750		
712 T3 F	-	410	450	490	420	ø21 n°24	120	900		
712 T3 N	400	425	470	510	420	ø20 n°30	350	900		
713 T3 N	340	400	510	560	445	22	420	1030		
714 T3 F	-	420	490	530	490	ø22 n°24	160	1100		
715 T3 N	370	470	600	640	542	22	465	1250		

Module / number of teeth of pinion UPON REQUEST

