



## Assignment of the PLE-Gears to the DA-Servo Motors 4DA04 - 8DA50 Series

Motortyp Motortype Motortype	Nennmoment Rated torque Couple nominale	Untersetzung / Gear reduction / Rapport de reduction												
		3	4	5	8	9	12	15	16	20	25	32	40	64
4DA04	0.135 Nm	40	40	40	40	40	40	40	40	40	40	40	40	60
5DA06	0.19 Nm	40	40	40	40	40	40	40	40	40	40	40	40	60
5DA12	0.39 Nm	40	40	40	40	40	40	40	40	40	40	40	40	60*
7DA20	0.65 Nm	80	80	80	80	80	80	80	80	80	80	80	80	80
7DA30	1.20 Nm	80	80	80	80	80	80	80	80	80	80	80	80	80*
8DA40	1.60 Nm	80	80	80	80	80	80	80	80	80	80	80	80	120
8DA50	2.00 Nm	80	80	80	80	80	80	80	80	80	80	80	80	120*

Motortyp Motortype Motortype	Nennmoment Rated torque Couple nominale	Untersetzung / Gear reduction / Rapord de reduction								
		60	80	100	120	160	200	256	320	512
4DA04	0.135 Nm	40	40	40	40	60	60	60	60*	60*
5DA60	0.19 Nm	40	40	40	60	60	60	60*	60*	60*
5DA12	0.39 Nm	40	60	60	60	60	60*	60*	60*	60*
7DA20	0.65 Nm	80	80	80	80	80	120	120	120	120*
7DA30	1.20 Nm	80	80	80	120	120	120*	120*	120*	120*
8DA40	1.60 Nm	80	120	120	120	120	120*	120*	120*	120*
8DA50	2.00 Nm	120	120	120	120*	120*	120*	120*	120*	120*

\* valid with reduced torque

**Remark:**

The numbers in the chart (e.g. 60) represent the specific gear size.





## Assignment of the DC-Servo Controllers to the DA-Servo Motors 4DA04 - 8DA50 Series

Motortyp Motortype Motortype	Nennspannung Rated voltage Tension nominale	Nennstrom Rated current Courant nominale	Spitzenstrom Peak current Courant maxi	DC-Servoregler Power amplifier Amplificateur de puissance
4DA04	24 VDC	2.9 A	8.7 A	Kern Drive 60 8/16
5DA06	75 VDC	1.3 A	3.9 A	Kern Drive 140 4/8
5DA12	75 VDC	2.3 A	6.9 A	Kern Drive 140 4/8
7DA20	75 VDC	3.6 A	10.8 A	Kern Drive 140 8/16
7DA30	75 VDC	5.1 A	15.3 A	Kern Drive 140 8/16
8DA40	85 VDC	5.9 A	17.7 A	Kern Drive 140 14/28
8DA50	90 VDC	6.6 A	19.8 A	Kern Drive 140 14/28