

# Selection tables

The given torques apply for temperature rise values to VDE 0530, insulation class F, 100 K.  
With a temperature rise of up to 130 K, torque values increased by approx. 10 % can be obtained.

Type	Max. speed $n_{max}$ rev/min	Stand-still torque $M_0$ (Nm)	Armature current at $M_0$ $I_0$ (A)
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## DC Servomotors 1HU504 self cooled

1HU5 040-0AC01	2000	1,2	1,9
1HU5 040-0AF01	3000		2,8
1HU5 042-0AC01	2000	1,75	2,7
1HU5 042-0AF01	3000		4,0
1HU5 044-0AC01	2000	2,5	3,6
1HU5 044-0AF01	3000		5,3

## DC Servomotors 1HU307 – short armature self cooled

1HU3 070-0AC01	2000	3,2	4,5
1HU3 070-0AF01	3000		6,4
1HU3 071-0AC01	2000	5	7,1
1HU3 071-0AF01	3000		10,7
1HU3 073-0AC01	2000	7	10,0
1HU3 073-0AF01	3000		13,8

## DC Servomotors 1HU305 self cooled

1HU3 054-0AC01	2000	2,2	3,3
1HU3 054-0AF01	3000		4,7
1HU3 056-0AC01	2000	4,5	6,7
1HU3 056-0AF01	3000		10,0
1HU3 058-0AC01	2000	6	8,8
1HU3 058-0AF01	3000		12,7

## DC Servomotors 1HU310 self cooled

1HU3 102-0AD01	1200	18	15
1HU3 102-0AH01	2000		24
1HU3 104-0AD01	1200	25	19,5
1HU3 104-0AH01	2000		31
1HU3 106-0AD01	1200	32	24
1HU3 106-0AH01	2000		42
1HU3 108-0AD01	1200	38	31
1HU3 108-0AH01	2000		46

## DC Servomotors 1HU310 fan cooled

1HU3 102-0SD01	1200	29	23
1HU3 102-0SH01	2000		39
1HU3 104-0SD01	1200	40	31
1HU3 104-0SH01	2000		50
1HU3 106-0SD01	1200	50	38
1HU3 106-0SH01	2000		65
1HU3 108-0SD01	1200	60	48
1HU3 108-0SH01	2000		72

Type	Max. speed $n_{max}$ rev/min	Stand-still torque $M_0$ (Nm)	Armature current at $M_0$ $I_0$ (A)
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## DC Servomotors 1HU310 – short armature self cooled

1HU3 100-0AC01	2000	7	9,5
1HU3 100-0AF01	3000		14,2
1HU3 101-0AC01	2000	10	13,4
1HU3 101-0AF01	3000		20,5
1HU3 103-0AC01	2000	12,5	15,7
1HU3 103-0AF01	3000		23,5

## DC Servomotors 1HU307 self cooled

1HU3 074-0AC01	2000	7	9,7
1HU3 074-0AF01	3000		13,5
1HU3 076-0AC01	2000	10	12,5
1HU3 076-0AF01	3000		20
1HU3 078-0AC01	2000	14	17
1HU3 078-0AF01	3000		25

## DC Servomotors 1HU313 self cooled

1HU3 132-0AC01	1000	47	31
1HU3 132-0AF01	1500		45
1HU3 134-0AC01	1000	65	43
1HU3 134-0AF01	1500		62
1HU3 136-0AC01	1000	90	59
1HU3 136-0AF01	1500		83
1HU3 138-0AC01	1000	115	80
1HU3 138-0AF01	1800		134

## DC Servomotors 1HU313 fan cooled

1HU3 132-0SC01	1000	72	48
1HU3 132-0SF01	1500		70
1HU3 134-0SC01	1000	100	66
1HU3 136-0SC01	1000	135	89
1HU3 136-0SF01	1500		125
1HU3 138-0SC01	1000	165	116