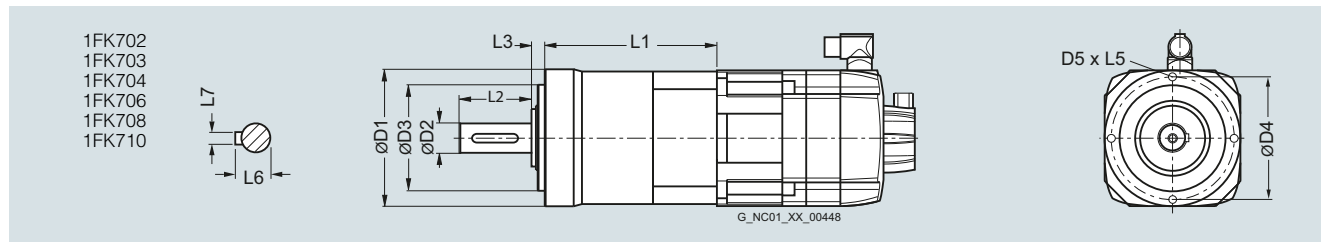


## Dimensional drawings

### SIMOTICS S geared motors for SINAMICS S120

#### Planetary gearbox series NP for SIMOTICS S-1FK7 synchronous motors

#### Dimensional drawings



For planetary gearbox series NP on SIMOTICS S-1FK7 motors

Dimensions in mm (inches)

Planetary gearbox Motor

Type	Type	L1	L2	L3	L5	L6	L7	D1	D2	D3	D4	D5
<b>SIMOTICS S-1FK7 with NP series planetary gearbox</b>												
NP 005	1FK702	64 (2.52)	18 (0.71)	6.5 (0.26)	8 (0.31)	13.5 (0.53)	4 (0.16)	50 (1.97)	12 (0.47)	35 (1.38)	44 (1.73)	M4
NP 015	1FK702	82.5 (3.25)	28 (1.10)	8 (0.31)	10 (0.39)	18 (0.71)	5 (0.20)	70 (2.76)	16 (0.63)	52 (2.05)	62 (2.44)	M5
	1FK703	90 (3.54)										
NP 025	1FK704	112.5 (4.43)	36 (1.42)	10 (0.39)	12 (0.47)	24.5 (0.96)	6 (0.24)	90 (3.54)	22 (0.87)	68 (2.68)	80 (3.15)	M6
NP 035	1FK706	141 (5.55)	58 (2.28)	12 (0.47)	16 (0.63)	35 (1.38)	10 (0.39)	120 (4.72)	32 (1.26)	90 (3.54)	108 (4.25)	M8
NP 045	1FK708	167 (6.57)	82 (3.23)	15 (0.59)	20 (0.79)	43 (1.69)	12 (0.47)	155 (6.10)	40 (1.57)	120 (4.72)	140 (5.51)	M10
	1FK710	188.5 (7.42)										