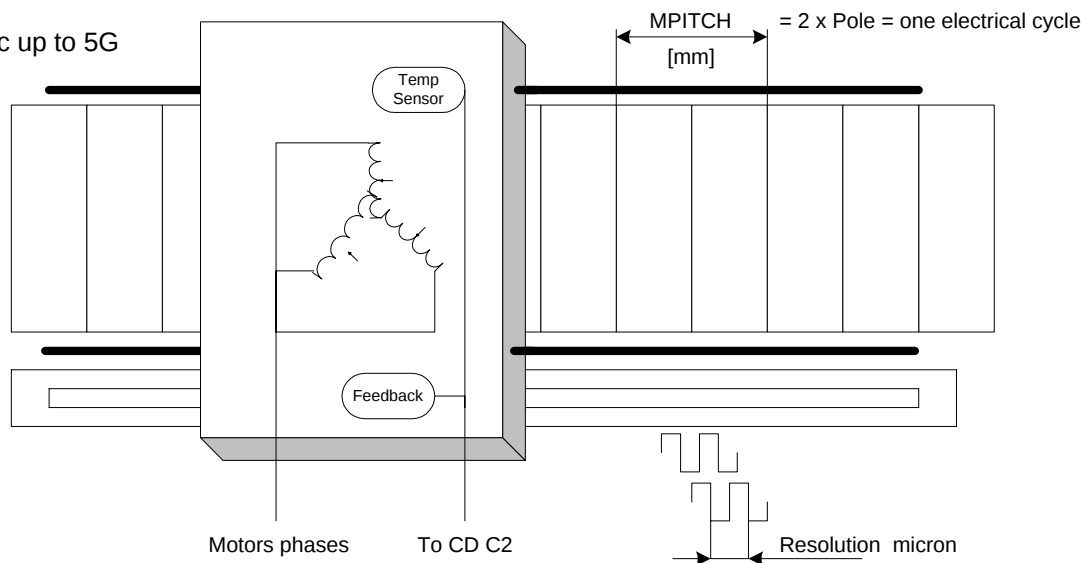


Linear Motor w/ CD Drive

Advance:
precise
very strong w/ Acc/Dec up to 5G



Linear Motor is like rotary motor w/ 2 poles

Pole [mMeter] [mm]
Vmax [mm/Sec]
BEMF [Vpeak/m/sec L-L]
Motors poles always 2
Resolution [uM]

$$MI(MPITCH) = PFB(MPITCH) = MENCRES \times 4 = MPITCH / \text{Resolution}$$

MENCTYPE Select like rotary

MOTORTYPE=2: permanent magnet linear motor

MPITCH = 2 x Pole = one electrical cycle

MSPEED = linear: mm/sec

MKT

MENCRES = MPITCH/Resolution [lines/MPITCH]

from ver 3.2.0

MENCOFF

MPHASE

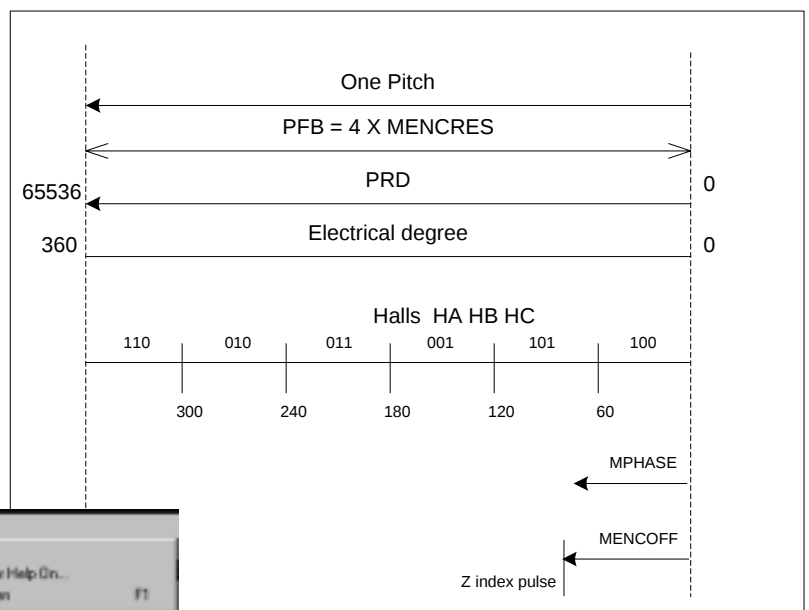
VLIM

VOSPD

VSCALE

VMAX

J mm/sec (linear)



Linear_motor_installation.pdf 34 pg

