

CFHK SERIES DESCRIPTION

Precision Planetary Gearbox



Candy's CFHK is an alloy steel right angle gearbox that features hardened and ground planetary gears designed for increased wear resistance required in high cycle rate applications. This high precision gearbox uses hardened and ground hypoid and spiral bevel gears to provide a high torque, smooth running 90 degree input that will accommodate most NEMA and metric servo motors.

- Increased gear wear resistance for high cycle rate applications
- Low backlash design, ≤ 2 arc minutes
- Up to 4 gear stages for ratios from 4:1 to 10,000:1



Ordering Information

CFHK 060 – 003 – S1 / Motor Mfgr/Model Number

Shaft Type: S1 = Smooth Output Shaft
S2 = Output Shaft with Key
S3 = DIN5480 Output Shaft
S4 = Hollow Output Shaft

Ratio(1)

CFHK (2 Stg.) 12/16/20/25/28/35/40/50/70/100
CFHKA (3 Stg.) 100/125/140/175/200/250/280/350/400/500/700/1,000
CFHKB (3 Stg.) 48/64/84/100/125/140/175/200/250/280/350/400/500/700/1,000
CFHK (4 Stg.) 1,225/1,400/1,750/2,000/2,800/3,500/5,000/7,000/10,000
CFHKC (2 Stg.) 4/5/7/8/10

Gearbox Size

CFHK 060/075/100/140/180/210/240