

Hydraulic Starter Part No. Matrix

A 1 - 0 9 A 1 2 0 0 - 1 0 1 2 2 - X X X

Pinion Gear Pitch
 A = MOD 2.5 - Metric
 B = MOD 3 - Metric
 C = 6/8
 D = 8/10
 E = 10/12
 F = 10

Number of Pinion Teeth
 09 = 9 Teeth
 10 = 10 Teeth
 11 = 11 Teeth
 12 = 12 Teeth
 13 = 13 Teeth
 14 = 14 Teeth

Starter Rotation
 1 = Clockwise Rotation - CW
 2 = Counter Clockwise Rotation - CCW

Starter Model - Displacement Basis
 A = 0.5 in³/Rev Previously CMO
 B = 1.35 in³/Rev Previously CMA
 C = 2.00 in³/Rev Previously CMD-2A
 D = 3.50 in³/Rev Previously CMD-3A
 E = 5.88 in³/Rev Previously CME

Pinion Gear Pressure Angle
 1 = 14.5°
 2 = 20°

Pinion Gear Pitch Diameter
 3 digit numerical code w/ assumed decimal example:
 2.00" pitch dia. = 200
 1.83" pitch dia. = 183

Flange Style Type
 1 = SAE 1
 2 = SAE 2
 3 = SAE 3
 4 = SAE 4
 C = Non-standard
 F = 4 Bolt Flange
 K = K Flange
 L = Slotted
 T = Two-Bolt Flange

Housing
 0 = Integral Flange
 A = HG-200541
 B = HG-206118
 C = HG-206949
 J = Welded
 R = Right Hand Cut
 L = Left Hand Cut

Flange Distance to Ring Gear
 3 digit numerical code w/ assume decimal example:
 1.22" DTRG = 122
 2.00" DTRG = 200

*Optional Case - 3 character code controlled by KTI engineering, not for public release.

Several variations available but not shown