For Y: ; ; For Delta: ;

; ; Stator Current:

Small Slip: Large Slip:

Starting torque (S = 1) Max Torque:

if

DC test: To obtain stator Res(R1) DC voltage applied between two terminals of Stator such that rated current flows

Locked Rotor Test: To obtain R2 & X1+X2: 3-phase V applied, rated I flows; applied fT = 0.25fR; Measure input V, I, P; ignore jXm

; ; ;

No-Load test: To obtain Rot Loss & XM; Apply rated V & Freq @ no load, meas input I & P; ; Neglect I2







