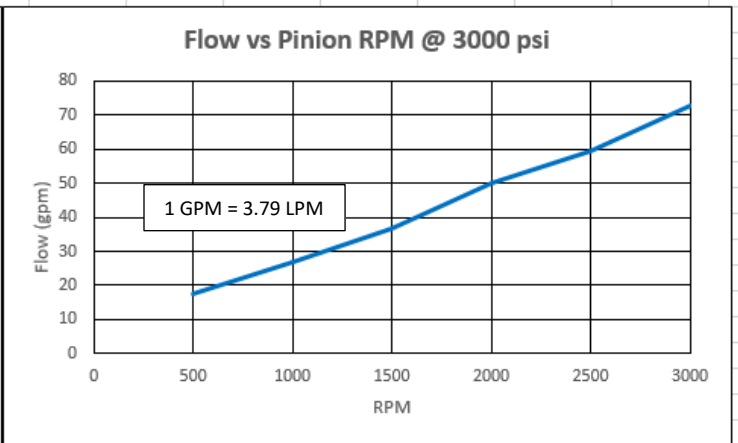
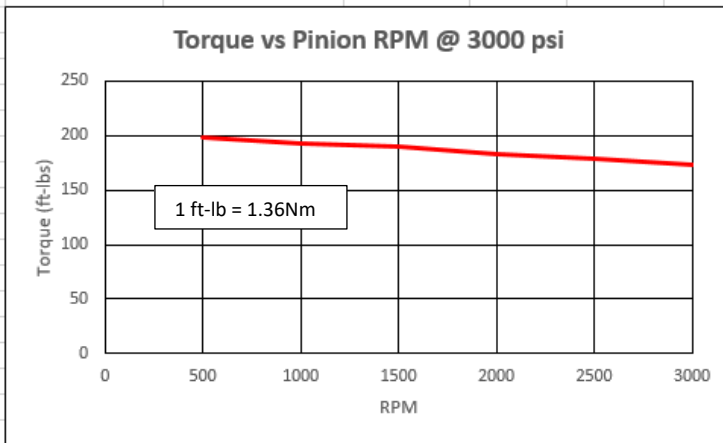


Hydraulic Starter Part Number: 6-HS-360-A, 6-HS-360-P, 6-HS-360-X

Hydraulic Starter Specification	
Engine Application	>50 Liter (Cat, Cummins, MTU)
Hydraulic Oil, Supply Pressure	3000 psi (207 BAR) – recommended
Hydraulic Oil, Flow @ 3000 psi	See Chart Below (Do not exceed 72 gpm {273 lpm})
Max starter torque output at 3000psi (207 BAR)	200 ft-lbs (271Nm)
Hydraulic Oil, Specification	Normal operating viscosity range: 80-1000 SUS (16-220 cSt) Maximum startup viscosity should not exceed 4000 SUS (864 cSt)
Operating Temperatures	-40° F to 180° F (-40°C to 82°C)
Flange Characteristics	SAE # 3
Pinion Characteristics	12 Tooth - 6/8 DP - RH Rotation
Weight	77 lbs (35 kg)

$$\text{Pinion speed} = \text{engine speed} * \frac{\text{ring gear tooth count}}{\text{pinion tooth count}}$$

$$\text{Engine torque} = \text{starter torque} * \frac{\text{ring gear tooth count}}{\text{pinion tooth count}}$$



Note: Fitting installation torque
SAE # 16: 130-> 143 ft-lbs (176 -> 194 Nm)

