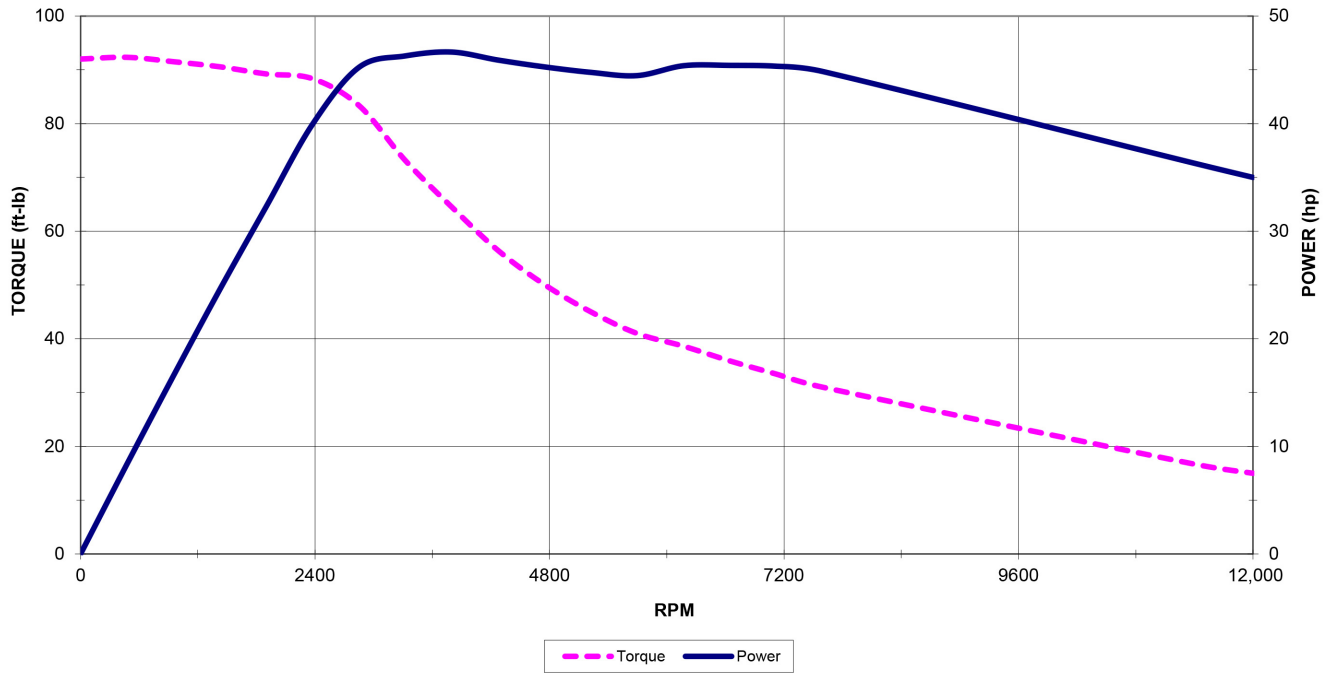




VF Series, VM Series, UMC Series, EC-400
12,000-rpm, Inline-Drive Spindle
40 Taper - 30 hp
Standard: VF-SS, VM, UMC-500SS/750SS/1000SS
Optional: VF Series, EC-400

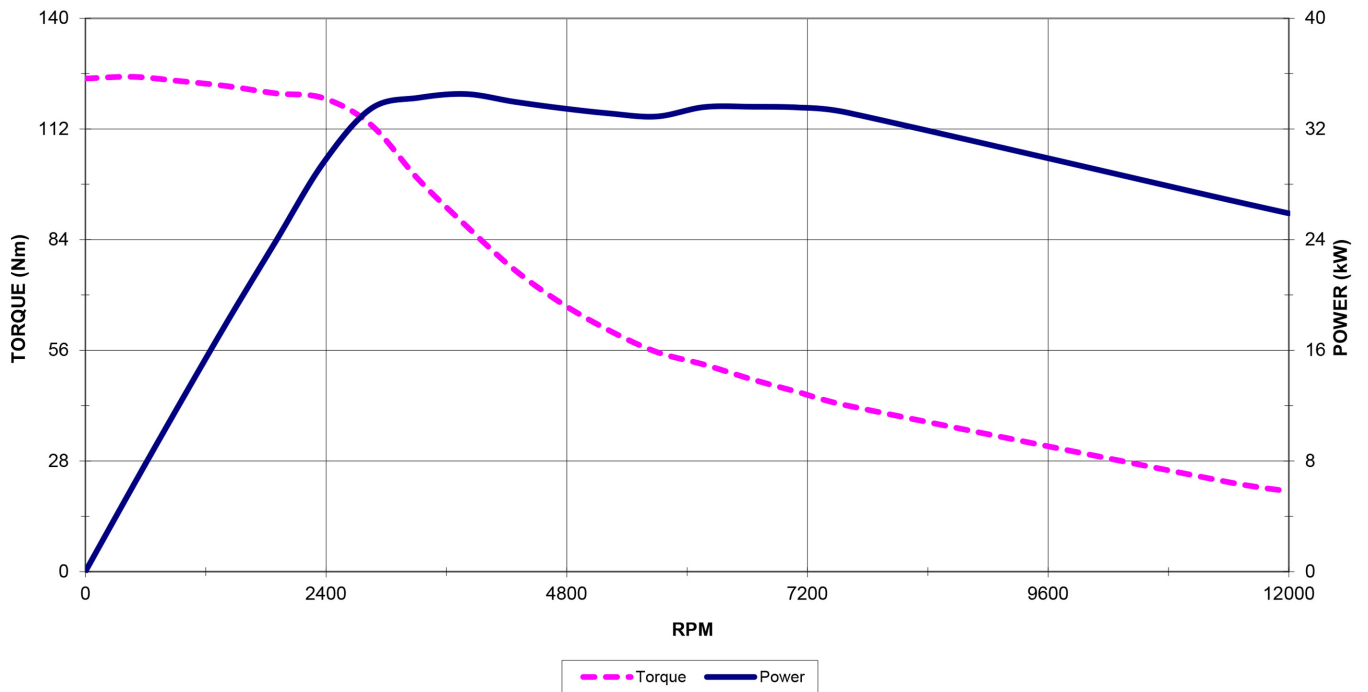


Values shown are 200% spindle Load

1/29/2016



VF Series, VM Series, UMC Series, EC-400
12,000-rpm, Inline-Drive Spindle
40 Taper - 22.4 kW
Standard: VF-SS, VM, UMC-500SS/UMC-750SS/1000SS
Optional: VF Series, EC-400

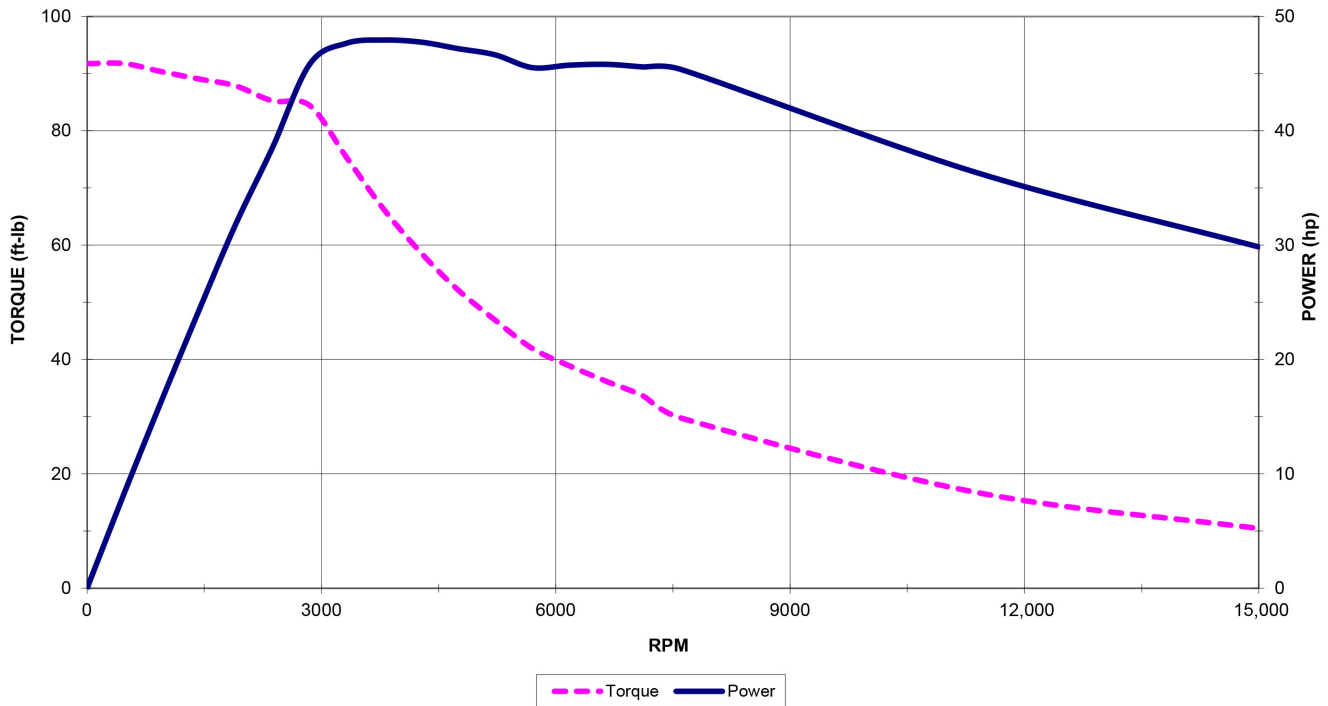


Values shown are 200% spindle Load

1/29/2016



VM Series, UMC-500/SS, UMC1000/SS
15,000-rpm, Inline-Drive Spindle
40/HSK Taper – 30 hp
Standard: None
Optional: VM Series, UMC-500/SS, UMC-1000/SS

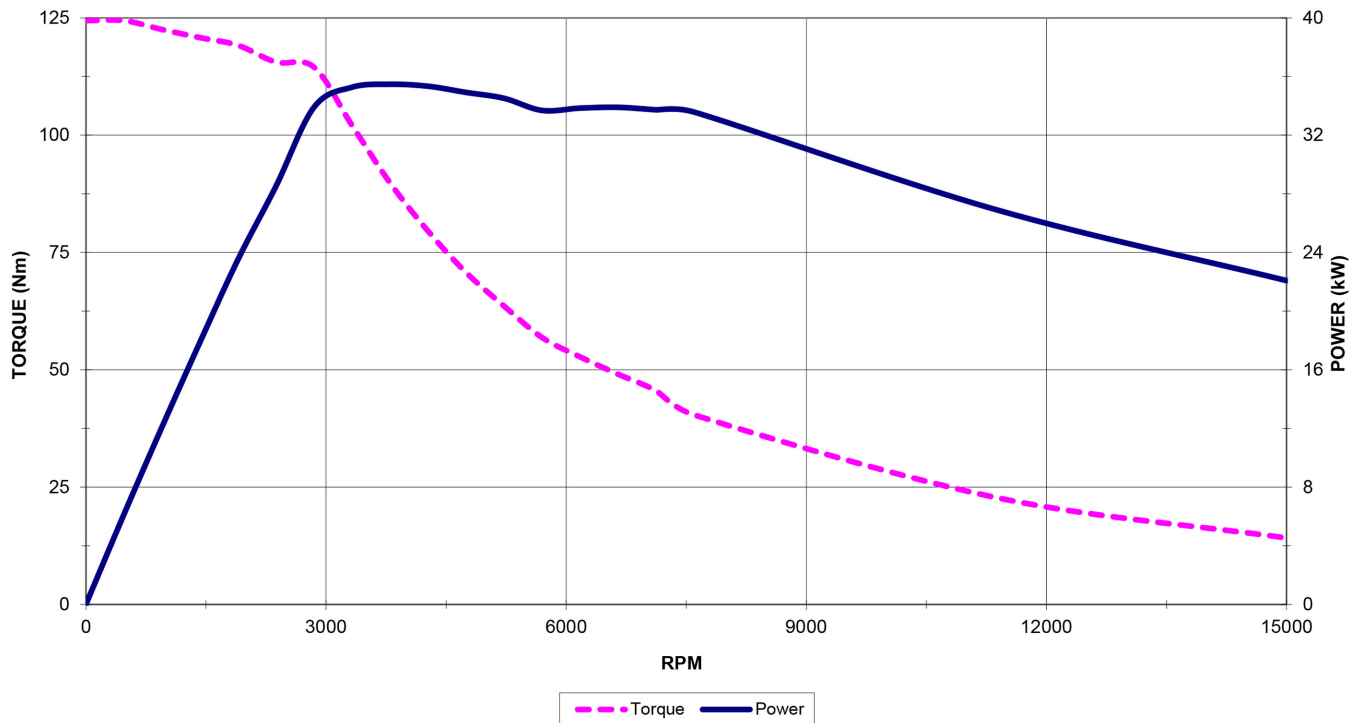


Values shown are 200% Spindle Load

1/29/2016



VM Series, UMC-500/SS, UMC1000/SS
15,000-rpm, Inline-Drive Spindle
40/HSK Taper – 22.4 kW
Standard: None
Optional: VM Series, UMC-500/SS, UMC-1000/SS



Values shown are 200% Spindle Load

1/29/2016