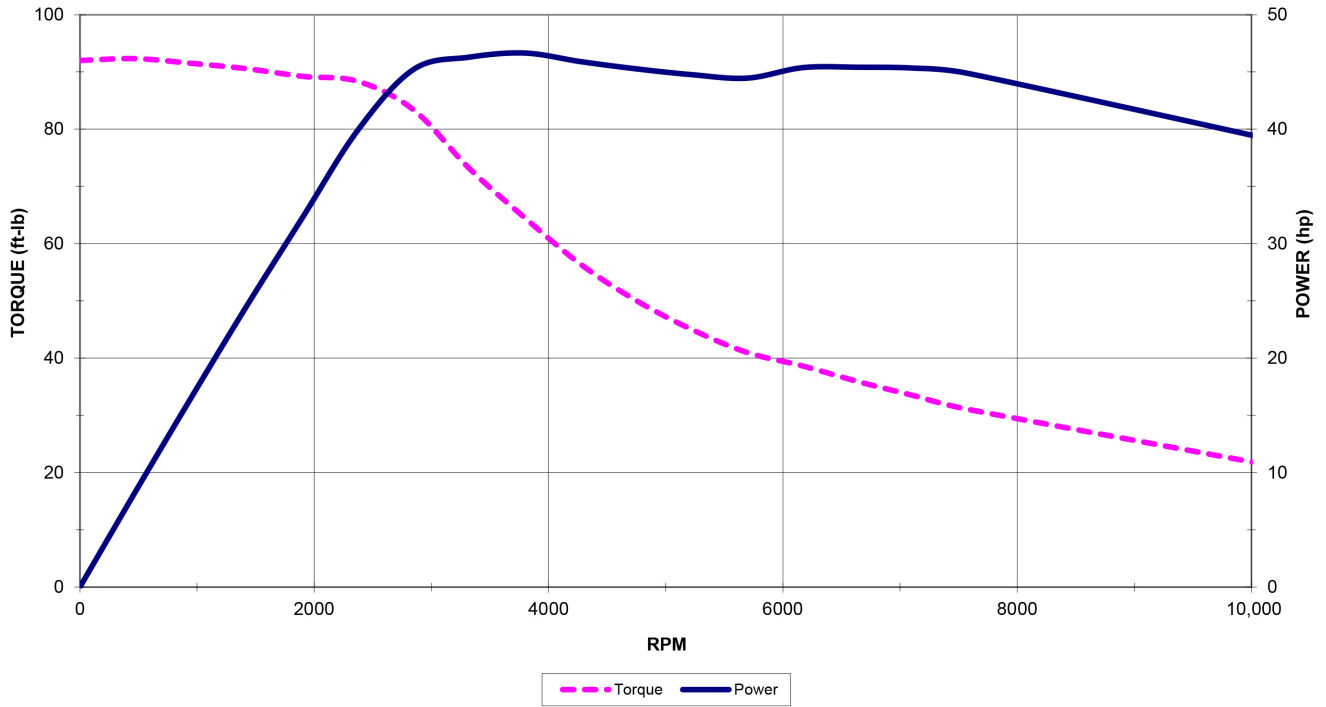




VF Series, UMC Series, EC-400
8100/10,000-rpm, Inline-Drive Spindle
40 Taper – 30 hp
Standard: VF-1 to VF-12, EC-400, UMC-500/750/1000 (8100 rpm)
Optional: VF-1 to VF-12, EC-400, UMC-500/750/1000 (10,000 rpm)

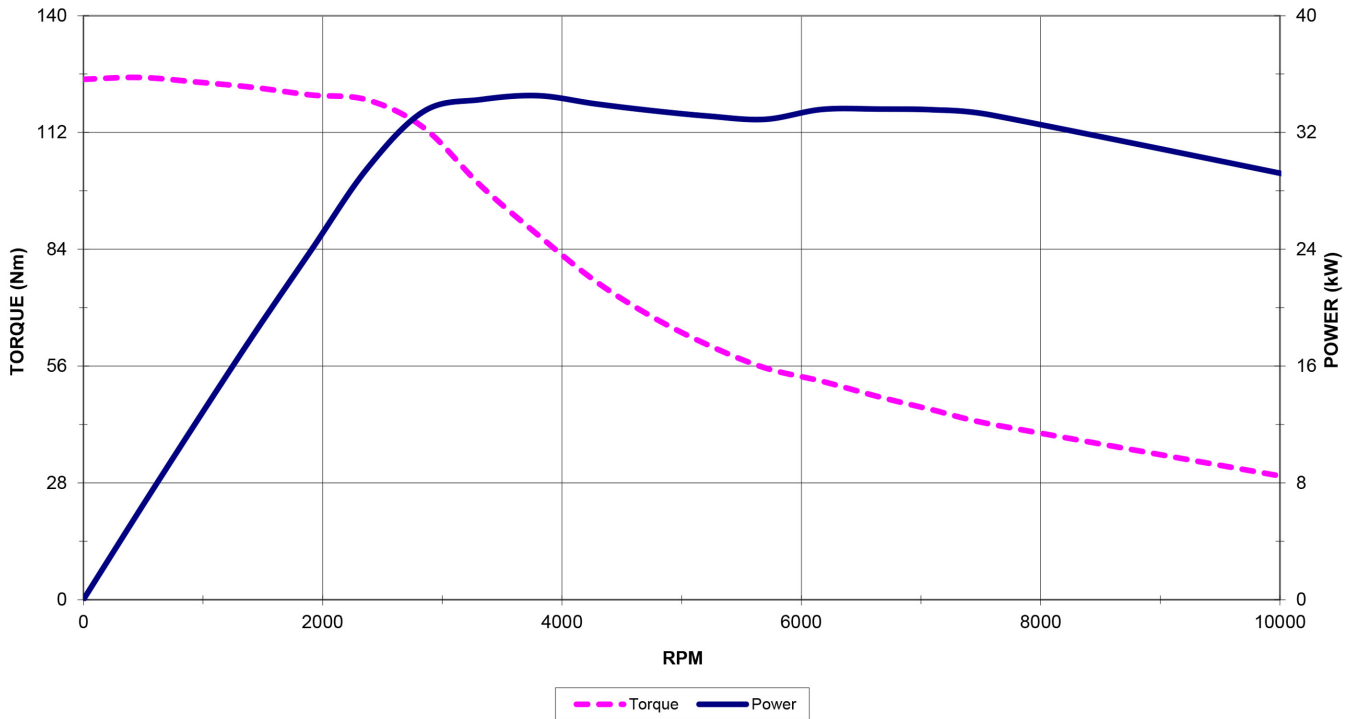


Values shown are 200% spindle load

1/29/2016



VF Series, UMC Series, EC-400
8100/10,000-rpm, Inline-Drive Spindle
40 Taper – 22.4 kW
Standard: VF-1 to VF-12, EC-400, UMC-500/750/1000 (8100 rpm)
Optional: VF-1 to VF-12, EC-400, UMC-500/750/1000 (10,000 rpm)



Values shown are 200% spindle load

1/29/2016



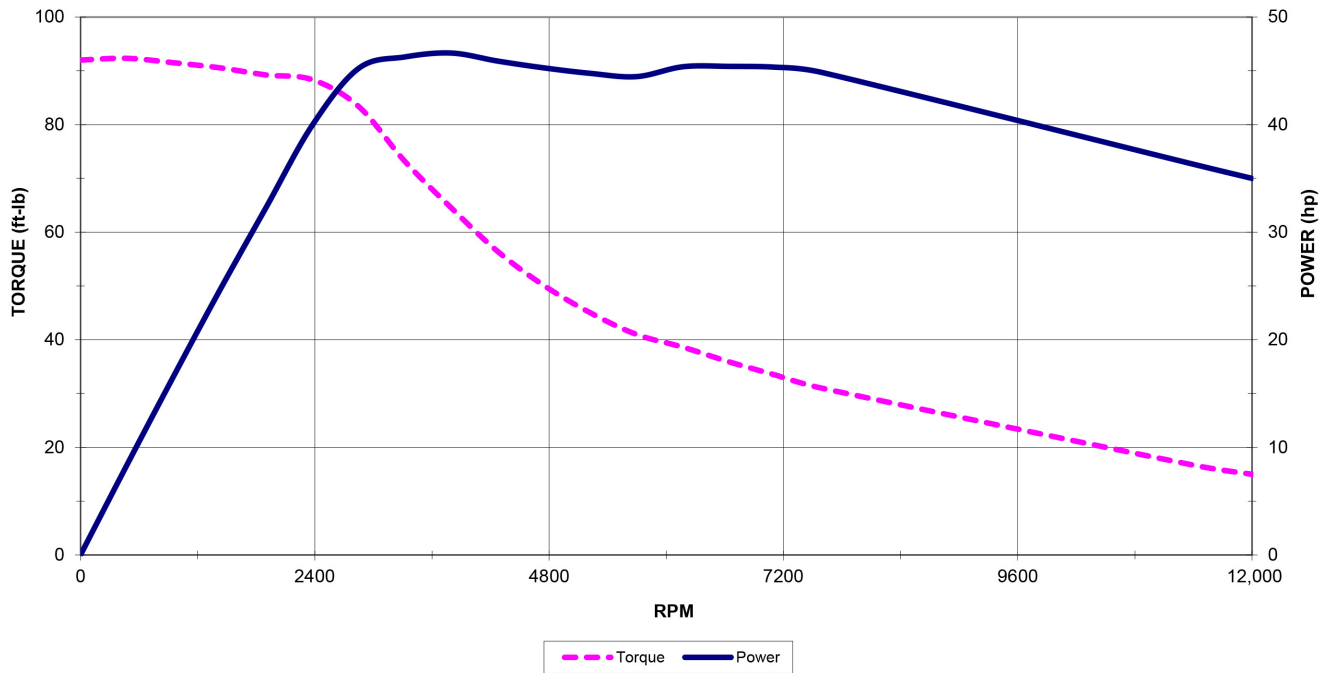
VF Series, VM Series, UMC Series, EC-400

12,000-rpm, Inline-Drive Spindle

40 Taper - 30 hp

Standard: VF-SS, VM, UMC-500SS/UMC-750SS/1000SS

Optional: EC-400,



Values shown are 200% spindle Load

1/29/2016



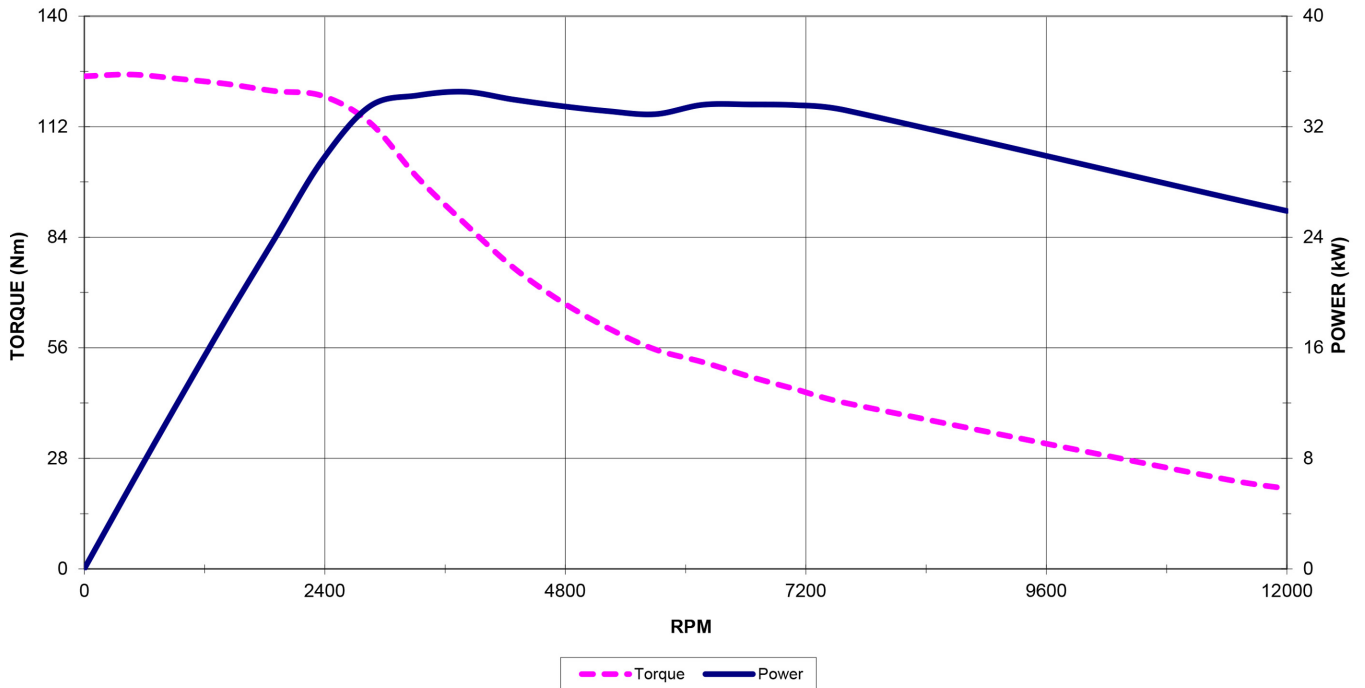
VF Series, VM Series, UMC Series, EC-400

12,000-rpm, Inline-Drive Spindle

40 Taper - 22.4 kW

Standard: VF-SS, VM, UMC-500SS/UMC-750SS/1000SS

Optional: EC-400,



Values shown are 200% spindle Load

1/29/2016



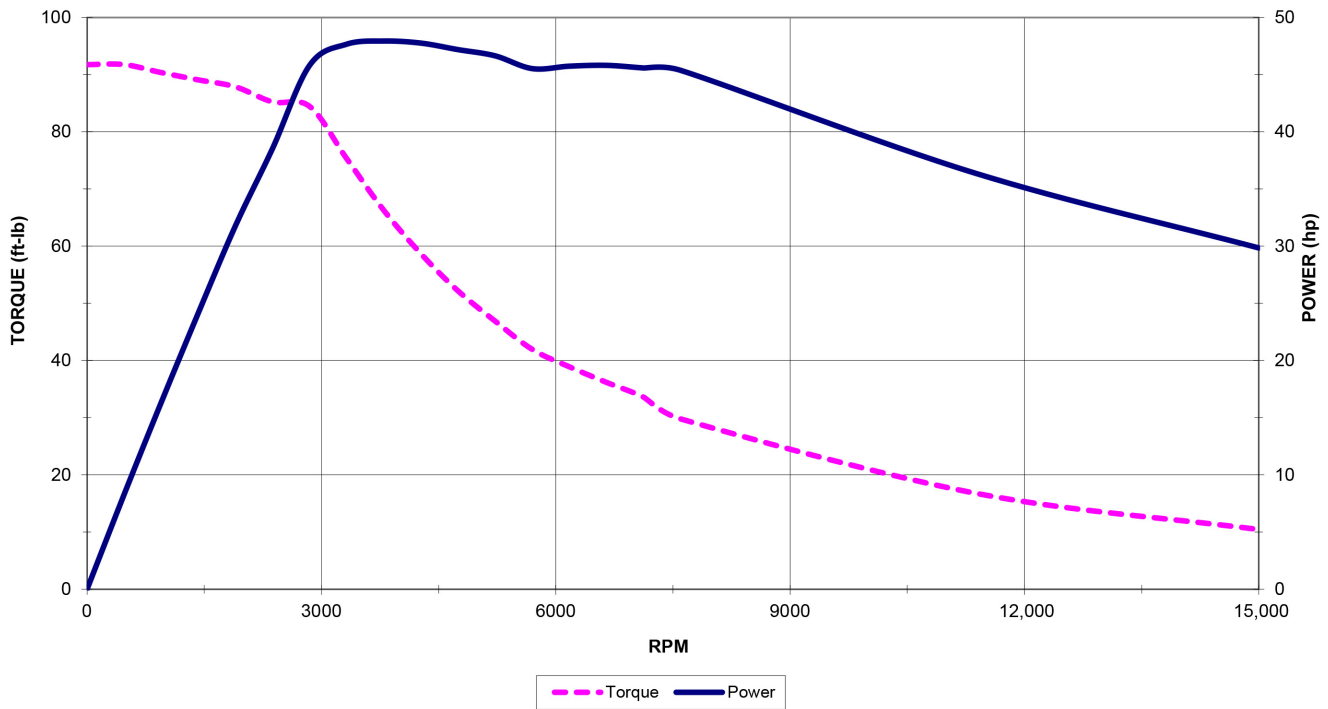
VM Series, UMC-Series

15,000-rpm, Inline-Drive Spindle

40/HSK Taper – 30 hp

Standard: None

Optional: VM Series, UMC-Series



Values shown are 200% Spindle Load

1/29/2016



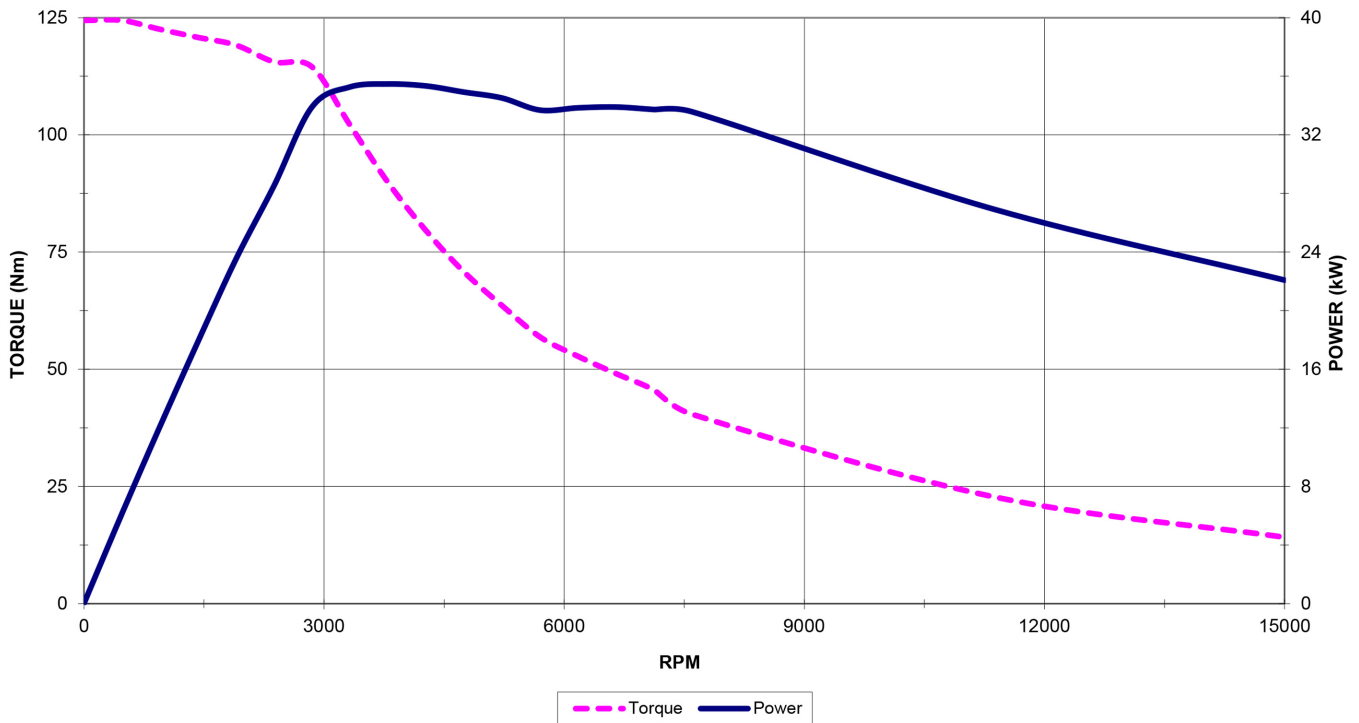
VM Series, UMC Series

15,000-rpm, Inline-Drive Spindle

40/HSK Taper – 22.4 kW

Standard: None

Optional: VM Series, UMC Series



Values shown are 200% Spindle Load

1/29/2016