



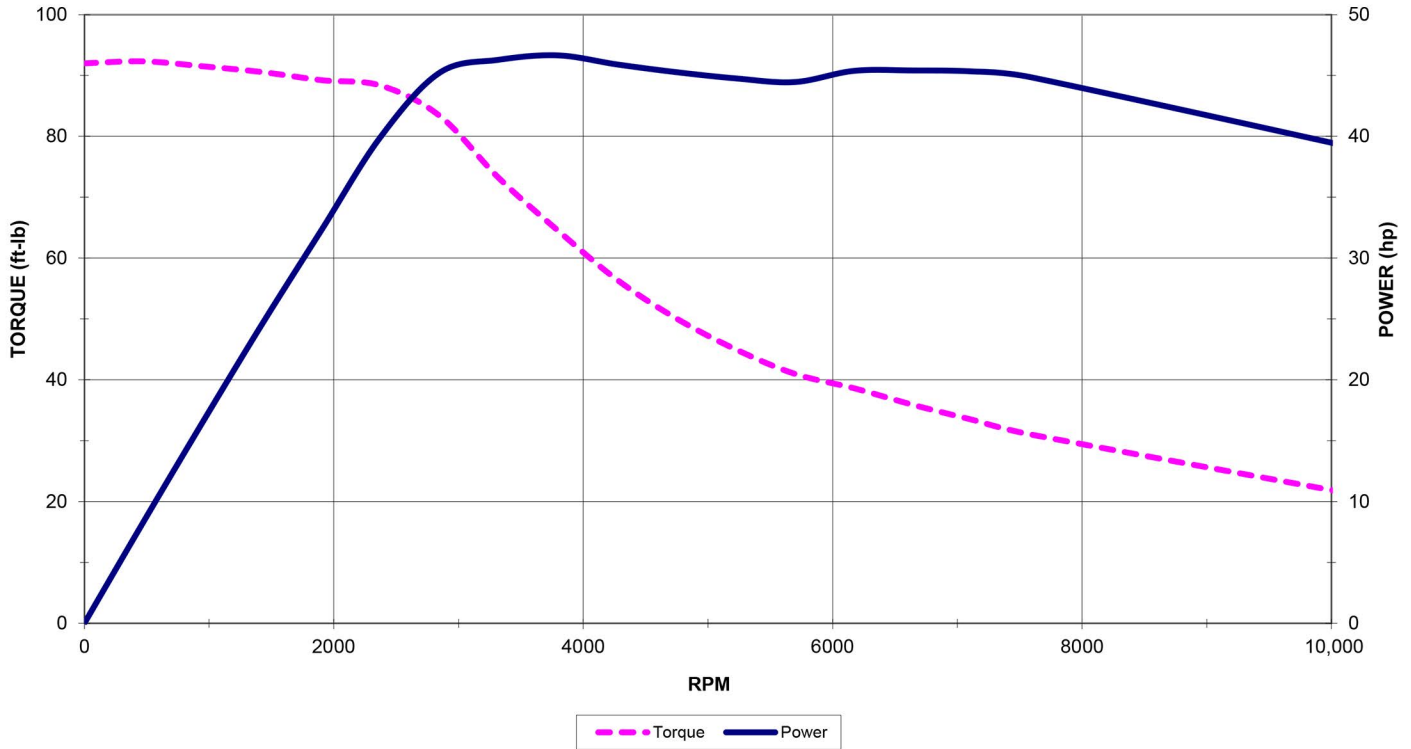
**VF, UMC, VC Series, EC-400, GM-2**

8100/10,000-rpm, Inline-Drive Spindle

40 Taper – 30 hp

Standard: VF-1 to VF-12, EC-400, VC-400, GM-2, UMC-500/750/1000 (8100 rpm)

Optional: VF-1 to VF-12, EC-400, VC-400, GM-2, UMC-500/750/1000 (10,000 rpm)



**Values shown are 200% spindle load**

1/29/2016

**Note:** This torque also applies to the 10K grease-packed spindle option.



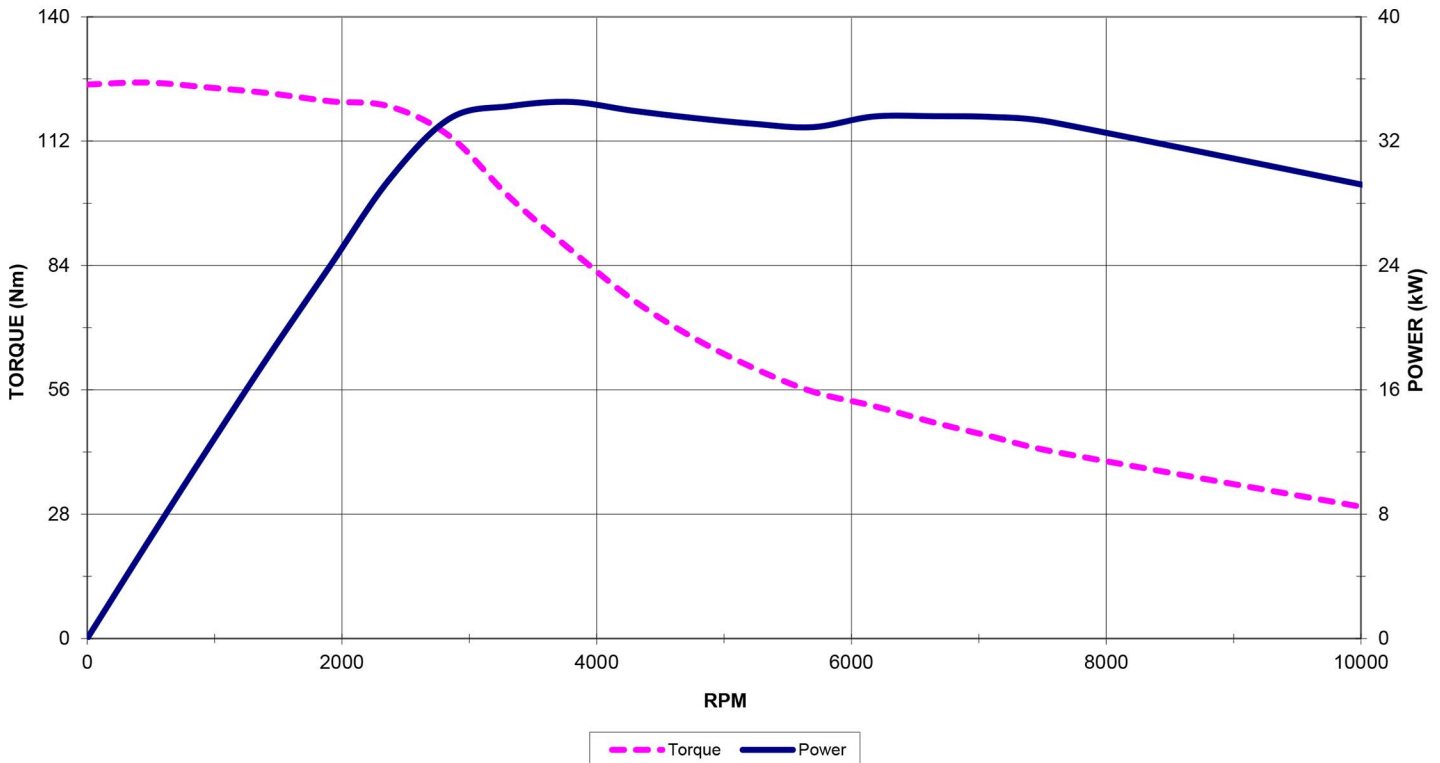
**VF, UMC, VC Series, EC-400, GM-2**

8100/10,000-rpm, Inline-Drive Spindle

40 Taper – 22.4 kW

Standard: VF-1 to VF-12, EC-400, VC-400, GM-2, UMC-500/750/1000 (8100 rpm)

Optional: VF-1 to VF-12, EC-400, VC-400, GM-2, UMC-500/750/1000 (10,000 rpm)



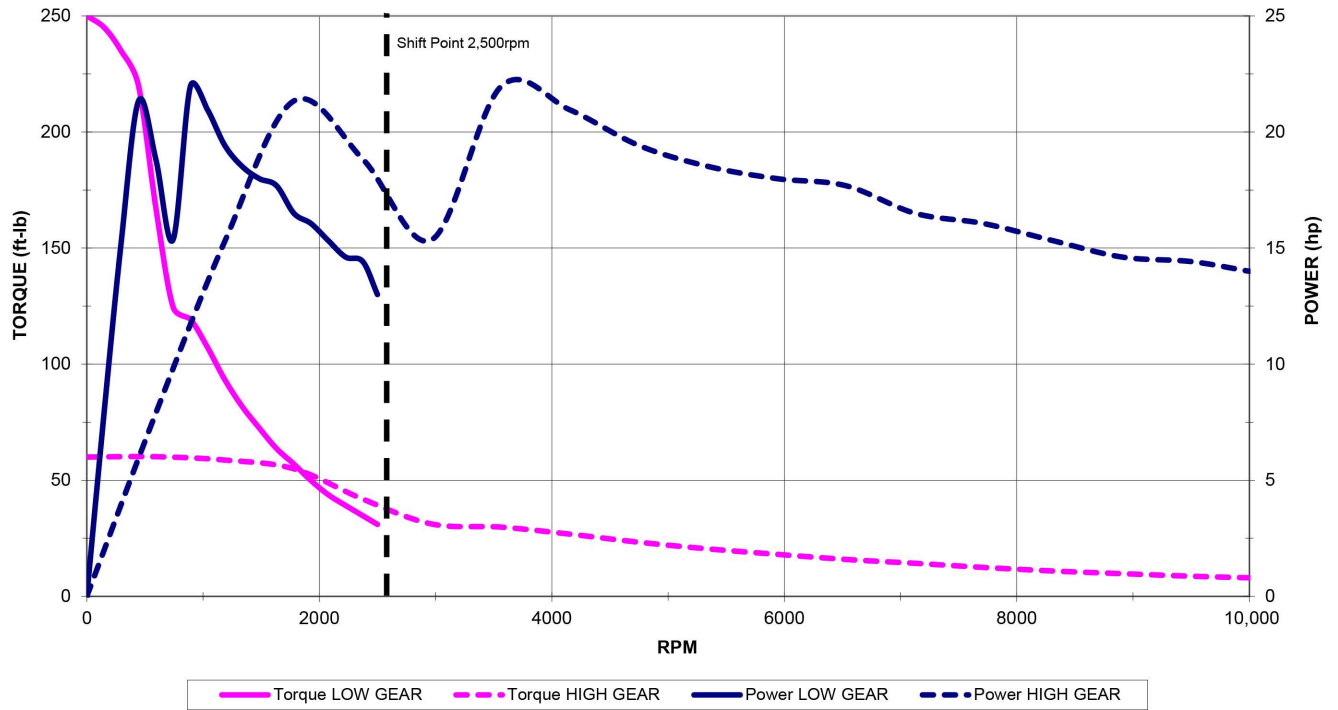
**Values shown are 200% spindle load**

1/29/2016

**Note:** This torque also applies to the 10K grease-packed spindle option.



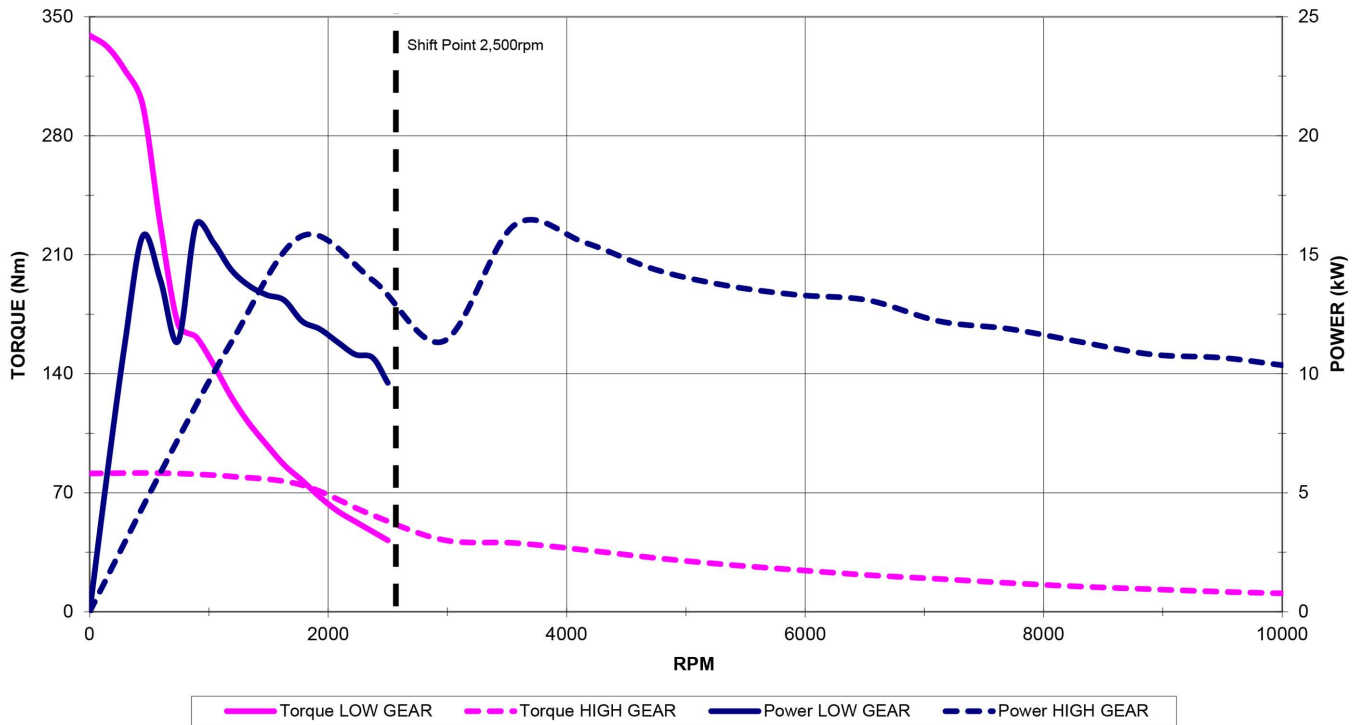
**VF Series**  
 8100/10,000-rpm, Gearbox Drive  
 40 Taper – 20 hp  
 Standard: None  
 Optional: VF-1 to VF-12



Values shown are 200% spindle load  
 1/29/2016



**VF Series**  
 8100/10,000-rpm, Gearbox Drive  
 40 Taper – 14.9 kW  
 Standard: None  
 Optional: VF-1 to VF-12



Values shown are 200% spindle load  
 1/29/2016



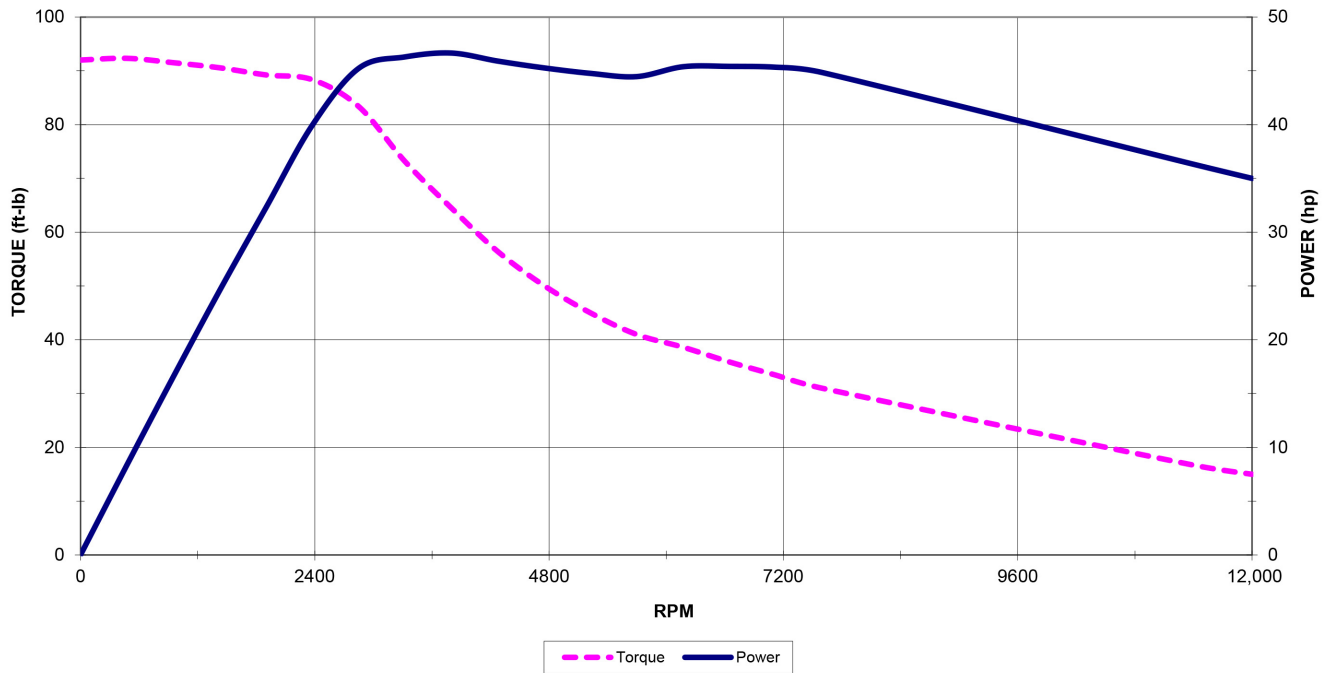
**VF Series, VM Series, UMC Series, EC-400**

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



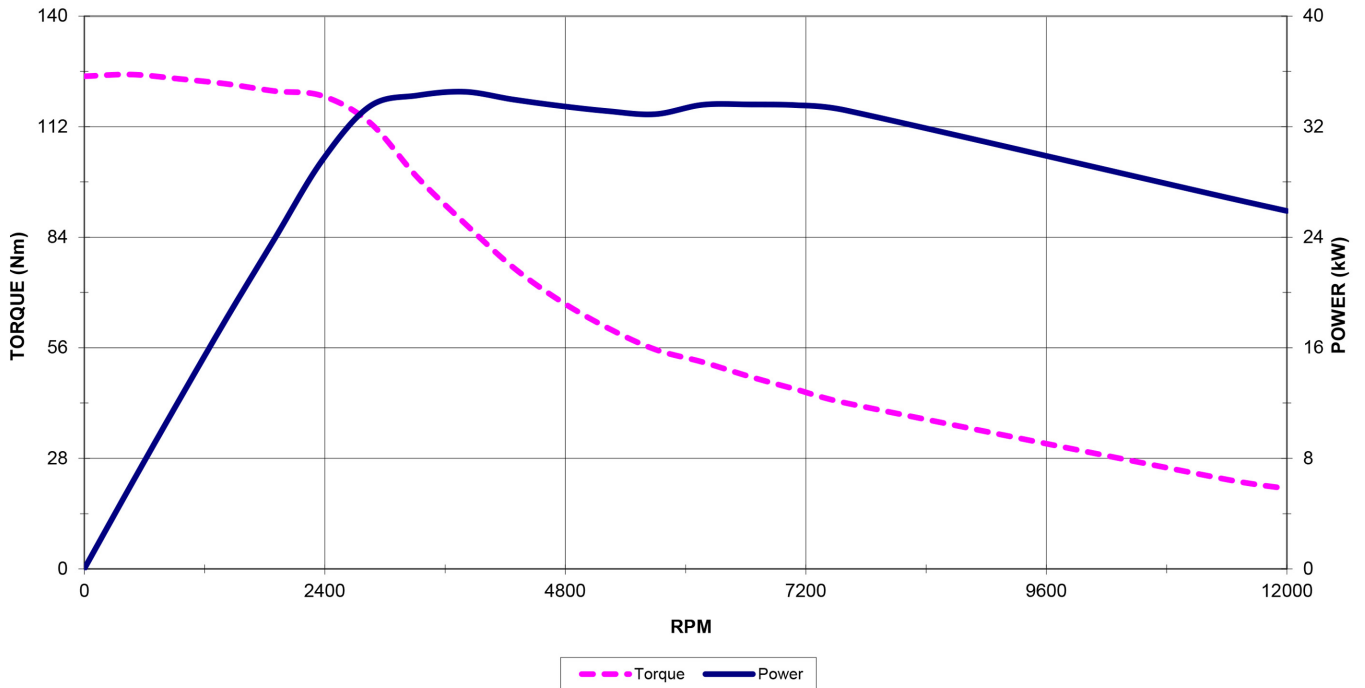
**VF Series, VM Series, UMC Series, EC-400**

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



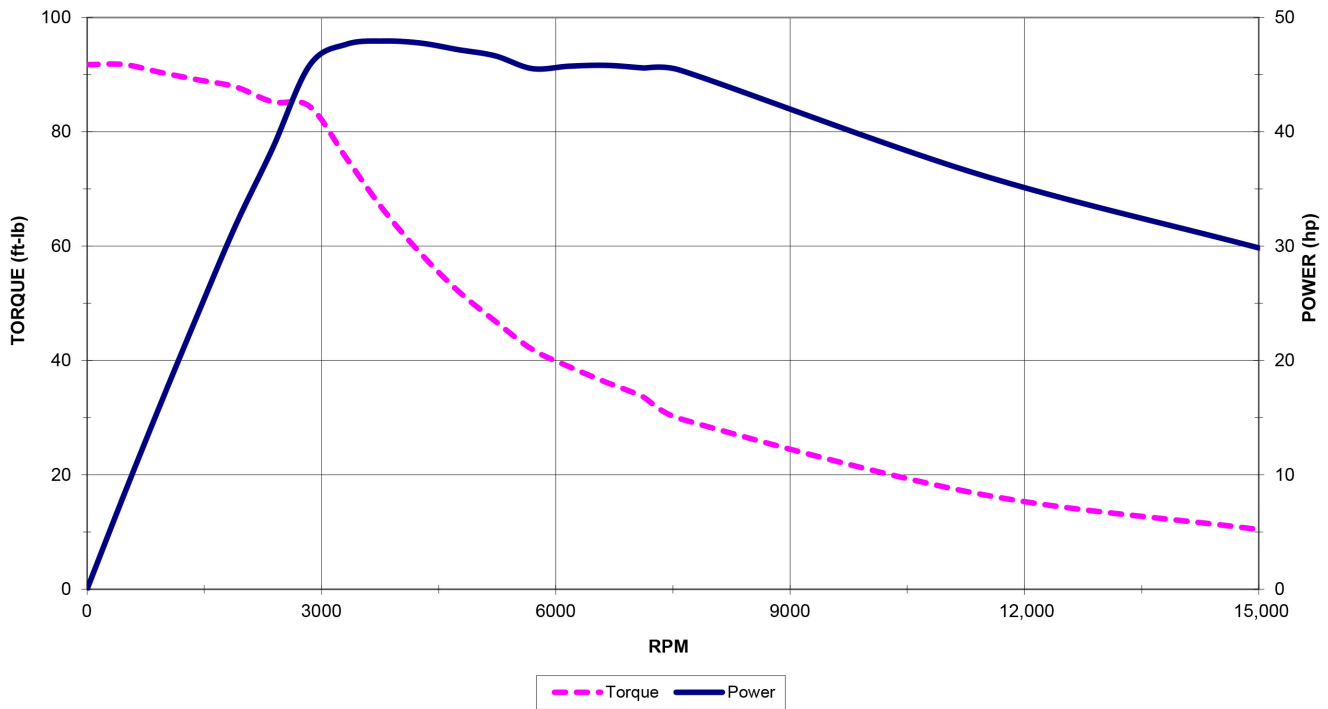
**VM Series, UMC-Series**

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



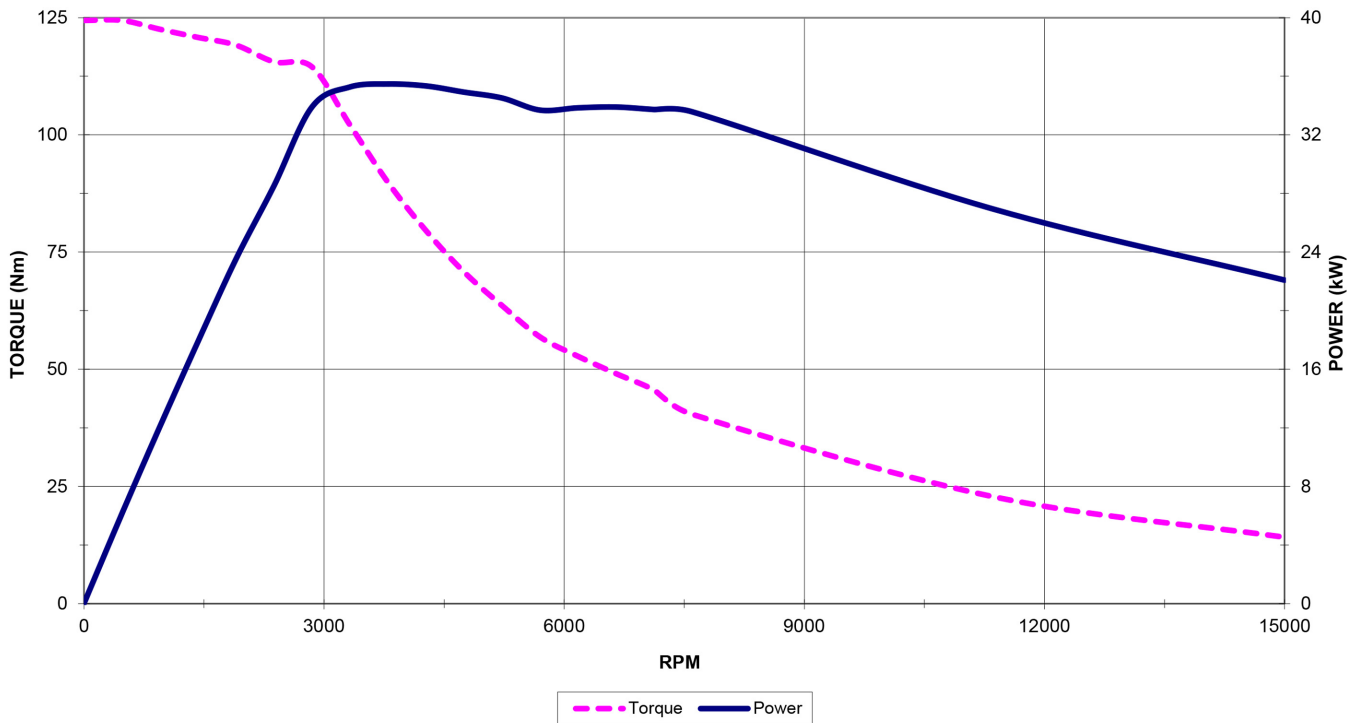
**VM Series, UMC Series**

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



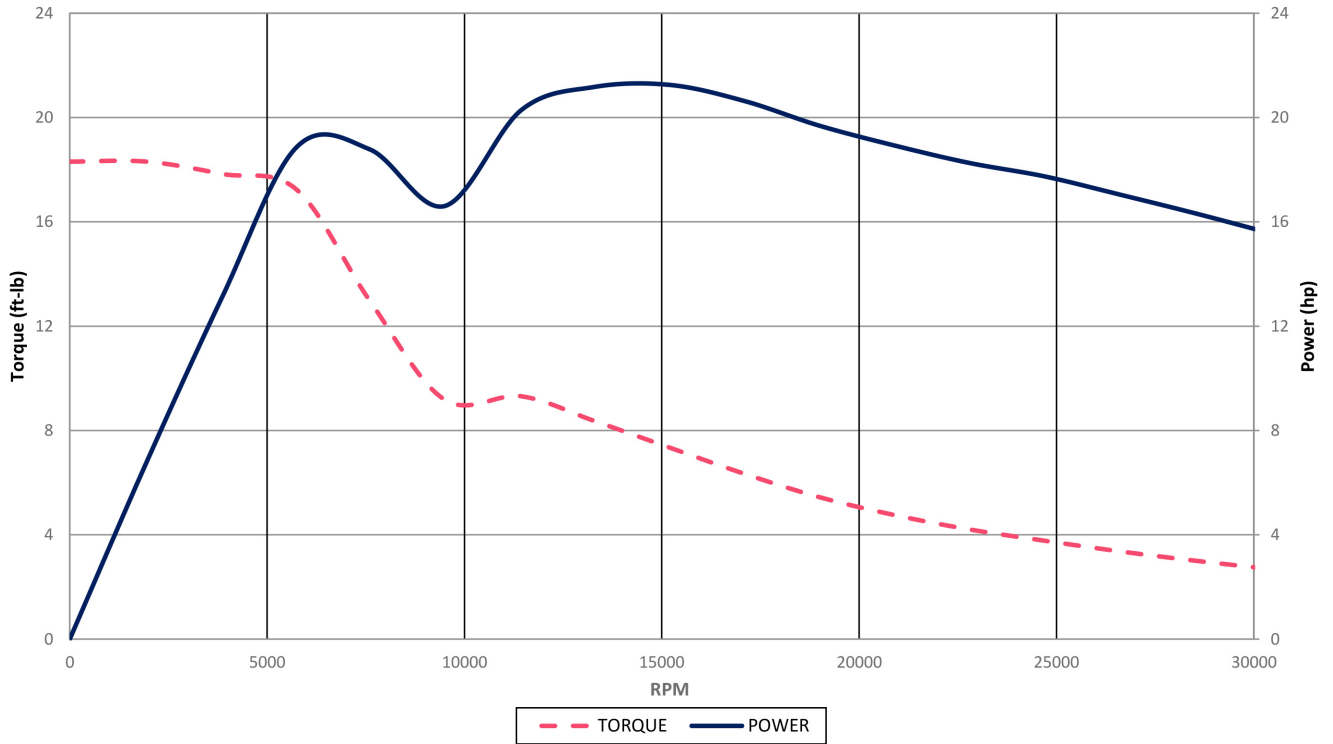
### VF, VM Series

High-Performance, 30,000-rpm, Belt-Drive Spindle

30 Taper – 20 hp

Standard: None

Optional: VF-1 to VF-12, VM Series



Values shown are 200% Spindle load

2/22/19



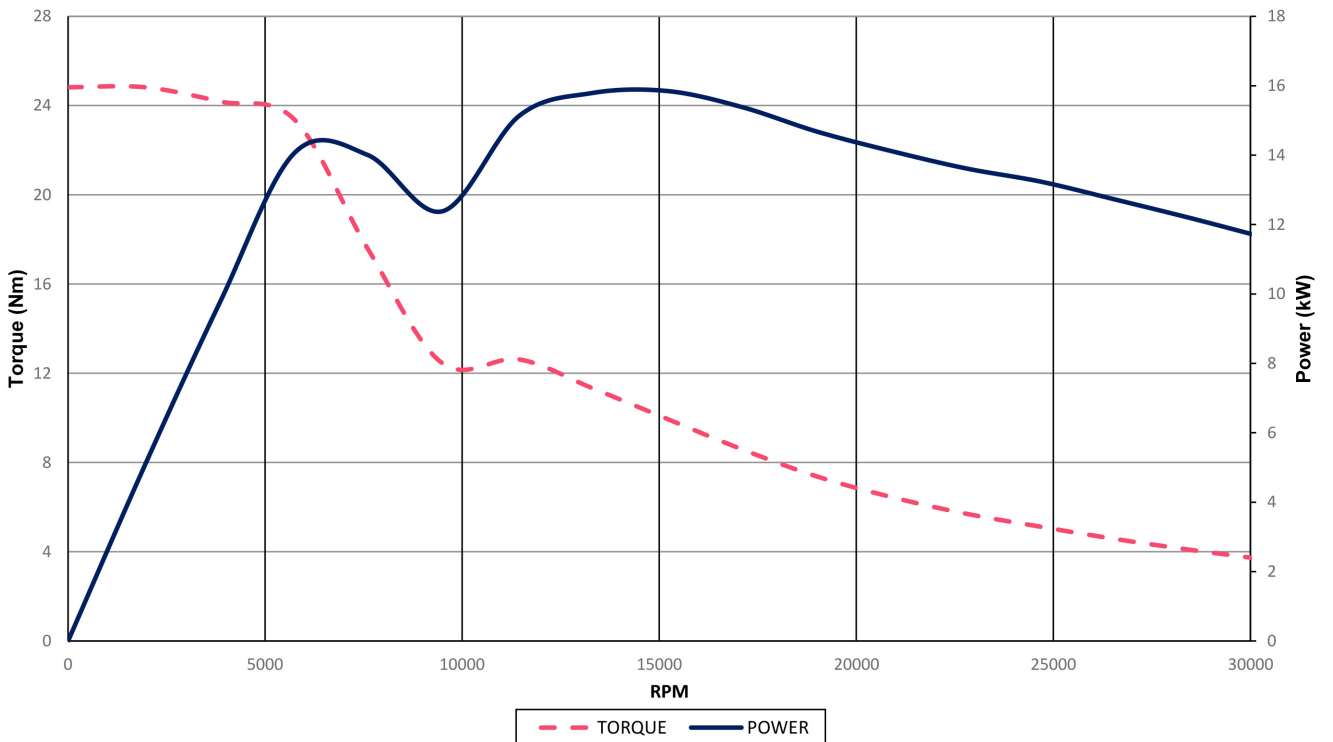
### VF, VM Series

High-Performance, 30,000-rpm, Belt-Drive Spindle

30 Taper – 14.9 kW

Standard: None

Optional: VF-1 to VF-12, VM Series



Values shown are 200% Spindle load

2/22/19