



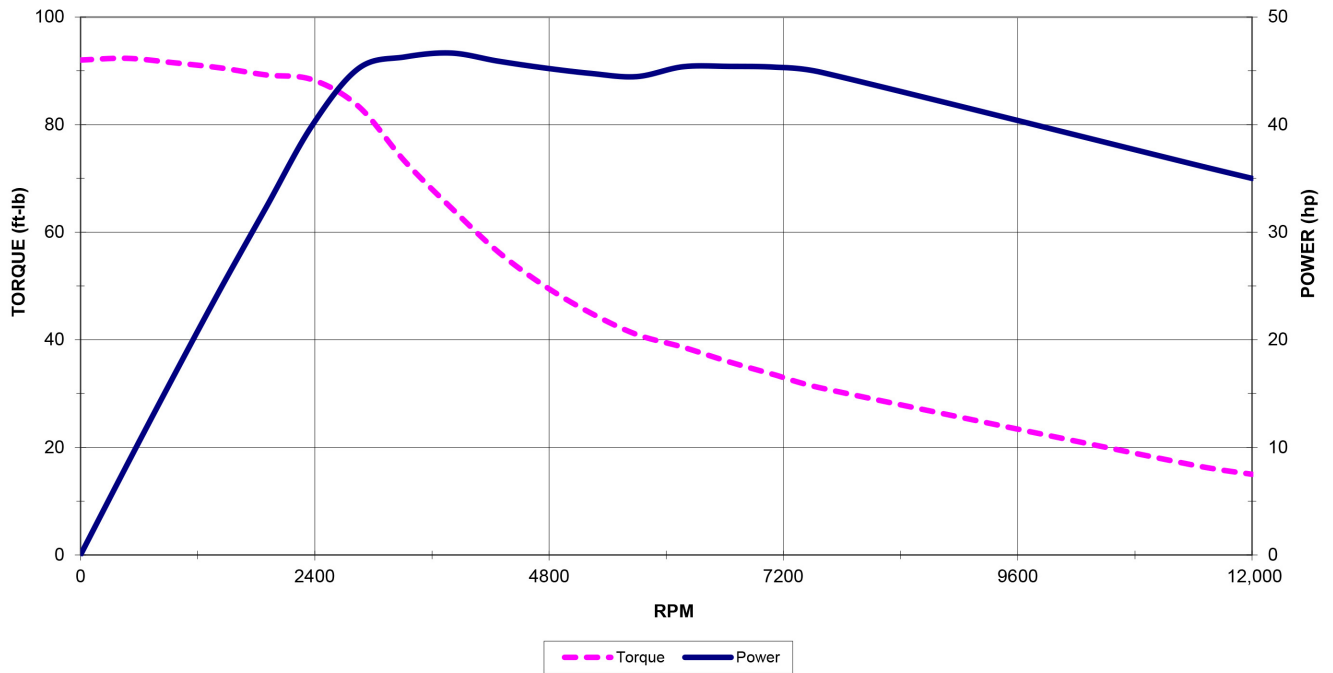
**VF Series, VM Series, UMC Series, EC-400**

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



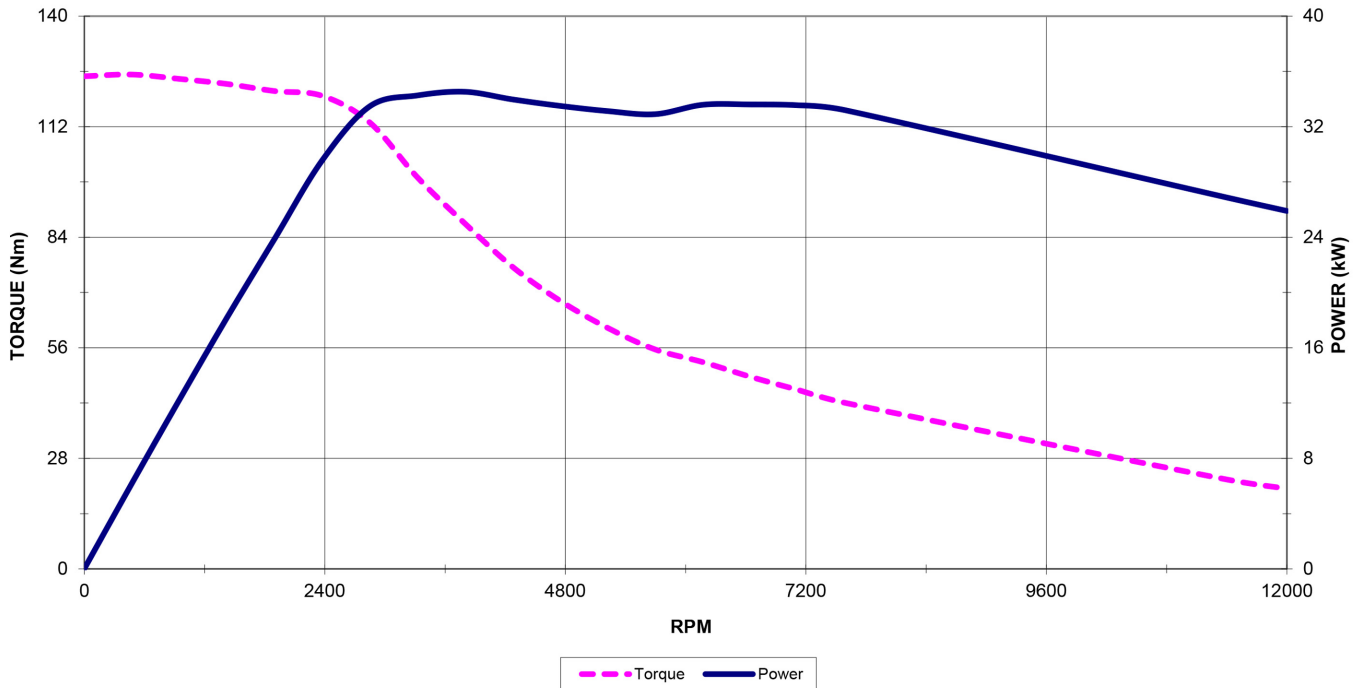
**VF Series, VM Series, UMC Series, EC-400**

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



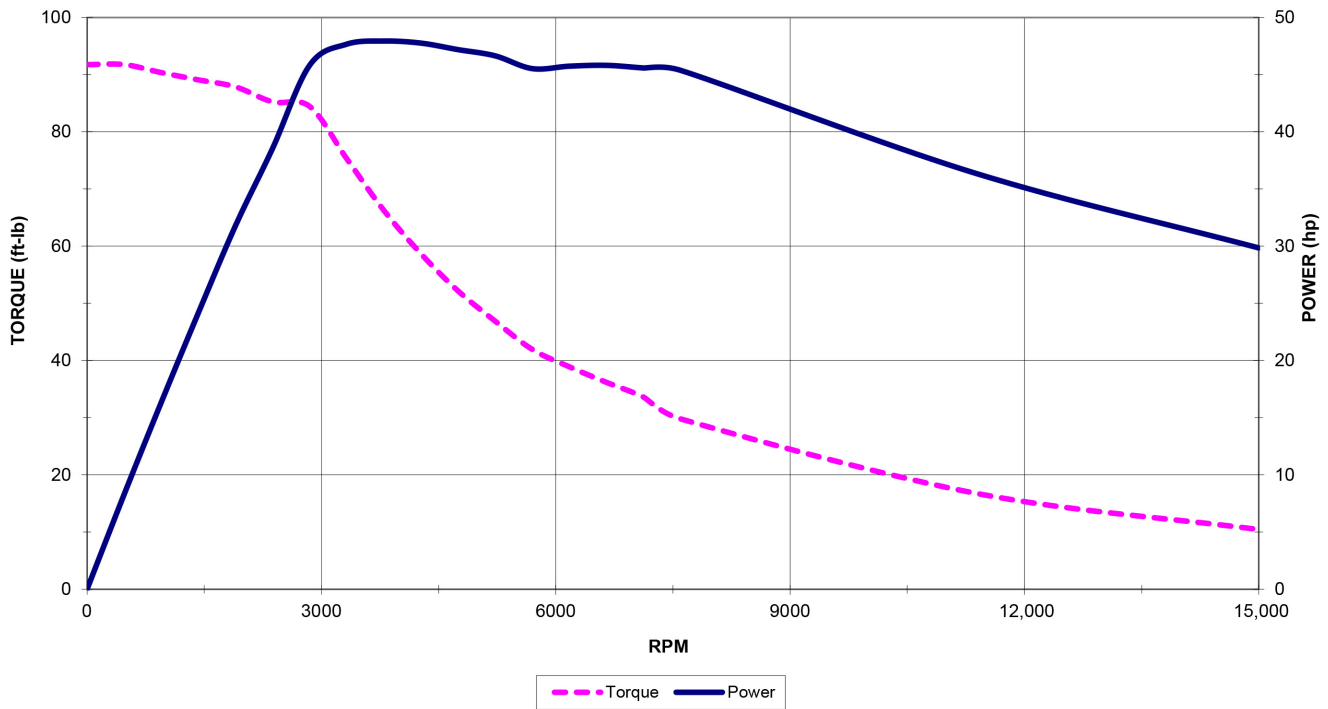
**VM Series, UMC-Series**

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



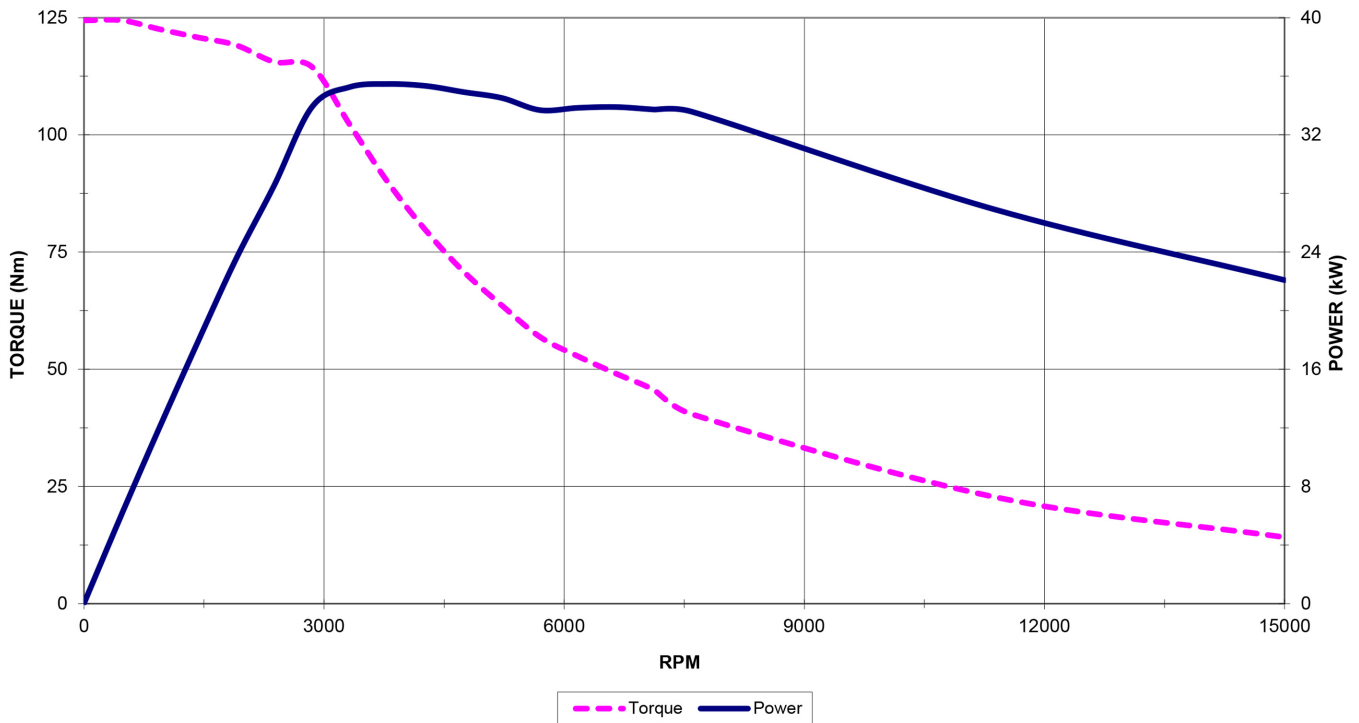
**VM Series, UMC Series**

15,000-rpm, Inline-Drive Spindle

40/HSK Taper – 22.4 kW

Standard: None

Optional: VM Series, UMC Series

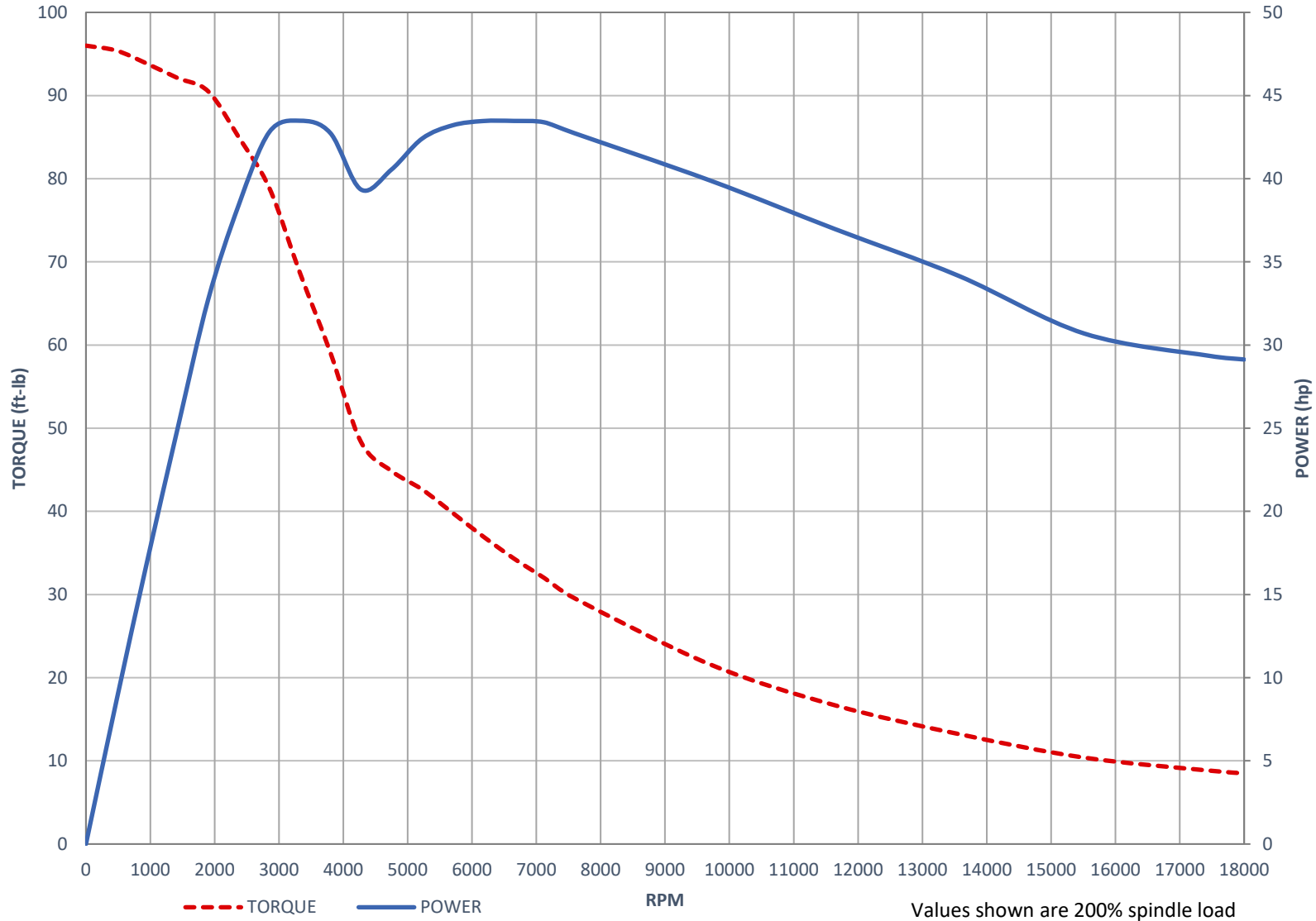


Values shown are 200% Spindle Load

1/29/2016



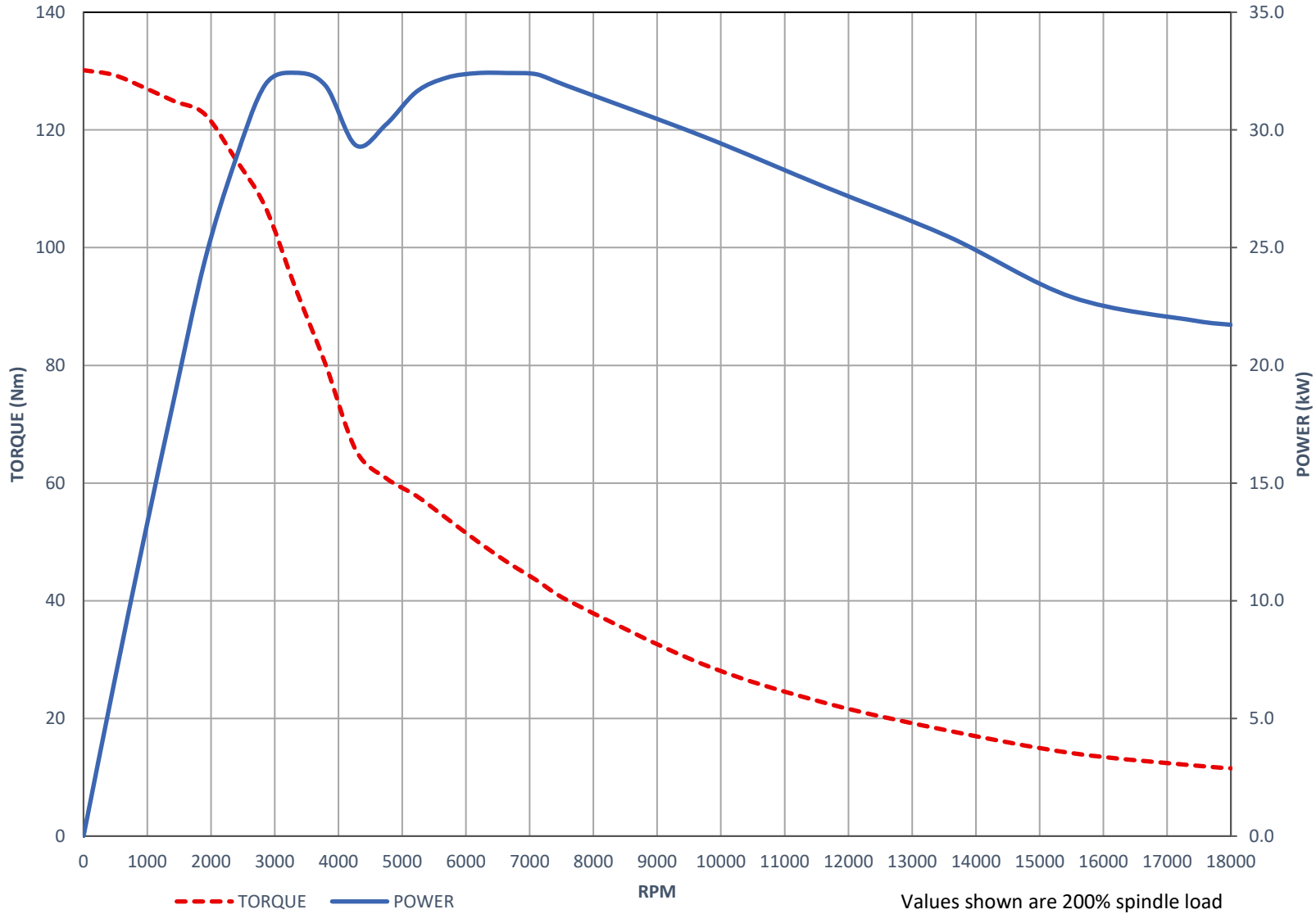
**VF-SS, UMC-SS, VM Series**  
18,000-rpm Inline-Drive Spindle  
40/HSK Taper – 30 hp  
Standard: None  
Optional: VF-SS, UMC-SS, VM Series



Values shown are 200% spindle load



**VF-SS, UMC-SS, VM Series**  
18,000-rpm Inline-Drive Spindle  
40/HSK Taper – 22.4 kW  
Standard: None  
Optional: VF-SS, UMC-SS, VM Series



Values shown are 200% spindle load