HBR-77-080-C Cut Sheet





IronHorse heavy-duty helical bevel gearbox, 80:1 ratio, 182TC-Face input, hollow, 2in diameter output shaft, nominal 3hp at 1.79 SF, 13710 lb-in mechanical output torque, Type-77 frame, cast iron housing, vertical or horizontal mount.

For complete product information, please see this item on our store at the following link:



https://www.automationdirect.com/pn/HBR-77-080-C

Technical Specifications

Item Gearbox Application General purpose Duty Rating Heavy-duty Gearbox Type Helical bevel Gear Ratio 80:1 Speed Rating 1750rpm input / 22rpm output Input Configuration 182TC-Face Input Power Rating Nominal 3hp at 1.79 SF Output Configuration Hollow Gearbox Output Shaft Diameter 2in Mechanical Output Torque 13710 lb-in Frame Type-77 Housing Material Cast iron Mounting Vertical or horizontal Finish Anti-corrosion primer and paint Lubrication Type Pre-filled with HD320 mineral oil		
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Duty Rating Heavy-duty Gearbox Type Helical bevel Gear Ratio 80:1 Speed Rating 1750rpm input / 22rpm output Input Configuration 182TC-Face Input Power Rating Nominal 3hp at 1.79 SF Output Configuration Hollow Gearbox Output 2in Mechanical Output Torque 13710 lb-in Frame Type-77 Housing Material Cast iron Mounting Vertical or horizontal Finish Anti-corrosion primer and paint Lubrication Type Pre-filled with HD320 mineral oil	Item	Gearbox
Gearbox Type Helical bevel Gear Ratio 80:1 Speed Rating 1750rpm input / 22rpm output Input Configuration 182TC-Face Input Power Rating Nominal 3hp at 1.79 SF Output Configuration Hollow Gearbox Output 2in Mechanical Output Torque 13710 lb-in Frame Type-77 Housing Material Cast iron Mounting Vertical or horizontal Finish Anti-corrosion primer and paint Lubrication Type Pre-filled with HD320 mineral oil	Application	General purpose
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Frame Type-77 Housing Material Cast iron Mounting Vertical or horizontal Finish Anti-corrosion primer and paint Lubrication Type Pre-filled with HD320 mineral oil	•	2in
Housing Material Cast iron Mounting Vertical or horizontal Finish Anti-corrosion primer and paint Lubrication Type Pre-filled with HD320 mineral oil	Mechanical Output Torque	13710 lb-in
Mounting Vertical or horizontal Finish Anti-corrosion primer and paint Lubrication Type Pre-filled with HD320 mineral oil	Frame	Type-77
Finish Anti-corrosion primer and paint Lubrication Type Pre-filled with HD320 mineral oil	Housing Material	Cast iron
Lubrication Type Pre-filled with HD320 mineral oil	Mounting	Vertical or horizontal
	Finish	Anti-corrosion primer and paint
Oil Soal Type Double lip	Lubrication Type	Pre-filled with HD320 mineral oil
Oil Seal Type Double-lip	Oil Seal Type	Double-lip

Agency Approvals

UL Listed File #	none
UL Recognized File #	none
UL Hazardous File #	none
CE	None
CSA File #	none
RoHS Status	No
EU REACH	View EU REACH document