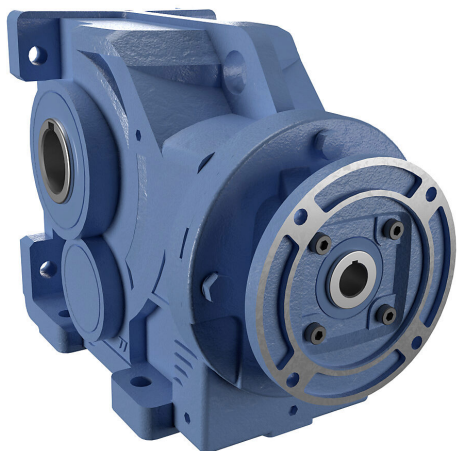


# HBR-77-120-B Cut Sheet



IronHorse heavy-duty helical bevel gearbox, 120:1 ratio, 143TC-Face input, hollow, 2in diameter output shaft, nominal 1hp at 3.42 SF, 12480 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-77-120-B>

## Technical Specifications

<b>Brand</b>	IronHorse
<b>Item</b>	Gearbox
<b>Application</b>	General purpose
<b>Duty Rating</b>	Heavy-duty
<b>Gearbox Type</b>	Helical bevel
<b>Gear Ratio</b>	120:1
<b>Speed Rating</b>	1750rpm input / 14rpm output
<b>Input Configuration</b>	143TC-Face
<b>Input Power Rating</b>	Nominal 1hp at 3.42 SF
<b>Output Configuration</b>	Hollow

<b>Gearbox Output Shaft Diameter</b>	2in
<b>Mechanical Output Torque</b>	12480 lb-in
<b>Frame</b>	Type-77
<b>Housing Material</b>	Cast iron
<b>Mounting</b>	Vertical or horizontal
<b>Finish</b>	Anti-corrosion primer and paint
<b>Lubrication Type</b>	Pre-filled with HD320 mineral oil
<b>Oil Seal Type</b>	Double-lip

## Agency Approvals

<b>UL Listed File #</b>	none
<b>UL Recognized File #</b>	none
<b>UL Hazardous File #</b>	none
<b>CE</b>	None
<b>CSA File #</b>	none
<b>RoHS Status</b>	No
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/HBR-77-120-B.pdf>  
See store item page for other formats.