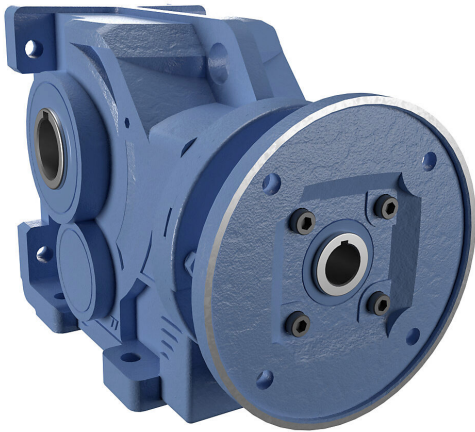


# HBR-77-080-C Cut Sheet



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

|                             |                              |
|-----------------------------|------------------------------|
| <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>           | 80:1                         |
| <b>Speed Rating</b>         | 1750rpm input / 22rpm output |
| <b>Input Configuration</b>  | 182TC-Face                   |
| <b>Input Power Rating</b>   | Nominal 3hp at 1.79 SF       |
| <b>Output Configuration</b> | Hollow                       |

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| <b>Gearbox Output Shaft Diameter</b> | 2in                               |
| <b>Mechanical Output Torque</b>      | 13710 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-77-080-C.pdf>  
See store item page for other formats.