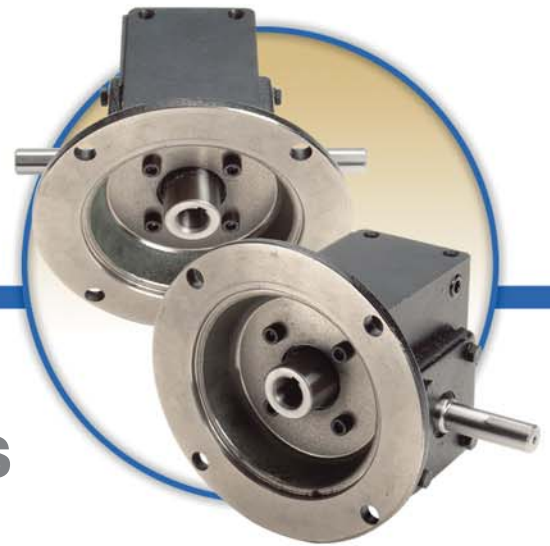


NEW PRODUCT BULLETIN

from  AUTOMATIONDIRECT.com



IronHorse Worm Gearboxes

AutomationDirect's new IronHorse™ gearboxes are designed for use with C-face electric motors to reduce output speed, increase torque, change drive direction, or run two loads from one motor. Four frame sizes and six gear ratios in right hand and dual shaft output configurations are offered and optional mounting bases are also available for ease of installation. These units are manufactured in an ISO9001 certified plant by one of the leading worm gearbox manufacturers in the world today. Strict adherence to and compliance with the toughest international and U.S. testing standards and manufacturing procedures assure you the highest quality mechanical power transmission products.

We offer right angle worm gearboxes with right-hand and dual (both right and left) output shafts, which change the drive direction(s) by 90°. Our gearboxes utilize C-face mounting interfaces for C-face motors.

We also offer mounting bases for each size for easy installation.

- 2.62, 2.37, 2.06 and 1.75 inch center distances available
- Gear ratios include 5:1, 10:1, 15:1, 20:1, 40:1, and 60:1
- Right-hand and dual output shafts
- NEMA 56C and 182TC frame sizes

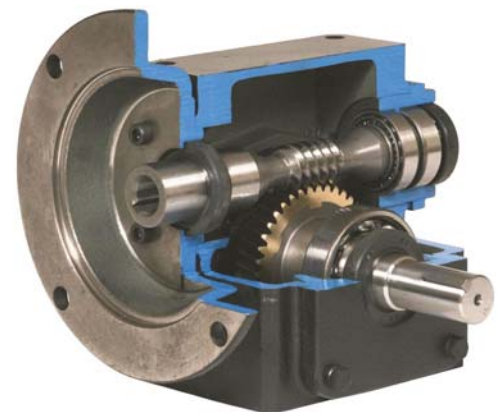
Features:

- C flange input; dual shaft or right-hand shaft output
- Cast iron one-piece housing
- 1045 carbon steel shaft
- AIBC3 (aluminum bronze casting) main gear
- Shaft sleeves protect all shafts
- One-piece output shaft hub secures output shaft bearing
- Double bearing sets on both shaft ends
- Heavy duty bearings on the output shaft
- Interior channel guides oil to directly and constantly lube bearings
- All units filled with Mobil #SHC634 synthetic oil
- Double-lipped embedded oil seals to prevent leakage
- Special anti-rust primer inside and outside the gearbox
- Universally interchangeable compact design ensures easy OEM replacement
- Mountable in any direction, except motor pointing up
- Radiused mounting holes
- Optional mounting plates available
- One year warranty



IRONHORSE

Prices
Starting at
\$130



IronHorse Worm Gearbox Cutaway View

IronHorse™ Worm Cross Reference				
IronHorse™	WG-175-xxx-x	WG-206-xxx-x	WG-237-xxx-x	WG-262-xxx-x
Alling Lander	17UF	20UF	23UF	26UF
Baldor	F918	F921	F924	F926
Boston	F718	F721	F724	F726
Browning-Raider	Q175	Q206	Q237	Q262
Dodge-Tigear	Q175	Q200	-	Q262
Falk-Omnibox	1175WBM	1206WBM	1238WBM	1262WBM
Grove (new)	BMQ218	BMQ220	BMQ224	BMQ226
Grove (old)	BMQ1175	BMQ1206	BWQ1238	BMQ1262
Leeson	BMQ618	BMQ621	BMQ624	BMQ626
Morse Invader	718F	721F	724F	726F
Ohio Gear	BMQ2175	BMQ2206	BMQ2238	BMQ2262

Compatible with our Ironhorse Motors

The worm gearboxes were selected to match up with our IronHorse and many of our Marathon motors. Please see the complete technical specifications to choose the correct gearbox for your application.

Worm Gearboxes General Specifications

IronHorse™ Worm Gearboxes							
Part Number	Price	Ratio	Output RPM @ 1750 RPM Input	Nominal Motor HP 1 @1800 rpm	NEMA Motor Frame	Center Distance ² (in)	Output Type
WG-175-005-D	\$130.00	5:1	350	1-1/2	56C	1.75	dual shaft
WG-175-010-D	\$130.00	10:1	175	1			
WG-175-015-D	\$130.00	15:1	117	3/4			
WG-175-020-D	\$130.00	20:1	88	3/4			
WG-175-040-D	\$130.00	40:1	44	1/3			
WG-175-060-D	\$130.00	60:1	29	1/4			
WG-175-005-R	\$130.00	5:1	350	1-1/2	56C	1.75	right-hand shaft
WG-175-010-R	\$130.00	10:1	175	1			
WG-175-015-R	\$130.00	15:1	117	3/4			
WG-175-020-R	\$130.00	20:1	88	3/4			
WG-175-040-R	\$130.00	40:1	44	1/3			
WG-175-060-R	\$130.00	60:1	29	1/4			
WG-206-005-D	\$166.00	5:1	350	2	56C	2.06	dual shaft
WG-206-010-D	\$166.00	10:1	175	1-1/2			
WG-206-015-D	\$166.00	15:1	117	1			
WG-206-020-D	\$166.00	20:1	88	1			
WG-206-040-D	\$166.00	40:1	44	1/2			
WG-206-060-D	\$166.00	60:1	29	1/3			
WG-206-005-R	\$166.00	5:1	350	2	56C	2.06	right-hand shaft
WG-206-010-R	\$166.00	10:1	175	1-1/2			
WG-206-015-R	\$166.00	15:1	117	1			
WG-206-020-R	\$166.00	20:1	88	1			
WG-206-040-R	\$166.00	40:1	44	1/2			
WG-206-060-R	\$166.00	60:1	29	1/3			

IronHorse™ Worm Gearboxes (continued)								
Part Number	Price	Ratio	Output RPM @ 1750 rpm Input	Nominal Motor HP 1 @1800 rpm	NEMA Motor Frame	Center Distance ² (in)	Output Type	
WG-237-005-D	\$200.00	5:1	350	3	56C	2.37	dual shaft	
WG-237-010-D	\$200.00	10:1	175	1-1/2				
WG-237-015-D	\$200.00	15:1	117	1				
WG-237-020-D	\$200.00	20:1	88	1				
WG-237-040-D	\$200.00	40:1	44	1/2				
WG-237-060-D	\$200.00	60:1	29	1/2				
WG-237-005-R	\$200.00	5:1	350	3	56C	2.37	right-hand shaft	
WG-237-010-R	\$200.00	10:1	175	1-1/2				
WG-237-015-R	\$200.00	15:1	117	1				
WG-237-020-R	\$200.00	20:1	88	1				
WG-237-040-R	\$200.00	40:1	44	1/2				
WG-237-060-R	\$200.00	60:1	29	1/2				
WG-262-005-D	\$215.00	5:1	350	3	182TC	2.62	dual shaft	
WG-262-010-D	\$215.00	10:1	175	2	56C			
WG-262-015-D	\$215.00	15:1	117	2				
WG-262-020-D	\$215.00	20:1	88	1-1/2				
WG-262-040-D	\$215.00	40:1	44	3/4				
WG-262-060-D	\$215.00	60:1	29	3/4	56C			
WG-262-005-R	\$215.00	5:1	350	3		182TC	2.62	right-hand shaft
WG-262-010-R	\$215.00	10:1	175	2		56C		
WG-262-015-R	\$215.00	15:1	117	2				
WG-262-020-R	\$215.00	20:1	88	1-1/2				
WG-262-040-R	\$215.00	40:1	44	3/4				
WG-262-060-R	\$215.00	60:1	29	3/4				

Notes:

- 1) Nominal Motor HP is the highest HP 1800 rpm motor to be used with the gearbox under conditions of 1.0 service factor. Gearbox input power capacity decreases as motor speed decreases and as service factor increases.
- 2) The center distance is the distance between the centerlines of the input and output shafts.

Worm Gearbox Mounting Bases		
Part Number	Price	Fits Gearbox Numbers
WG-175-BASE	\$13.00	WG-175-xxx-x
WG-206-BASE	\$16.00	WG-206-xxx-x
WG-237-BASE	\$19.00	WG-237-xxx-x
WG-262-BASE	\$22.00	WG-262-xxx-x

For complete specifications and ordering information, please visit: www.automationdirect.com/worm-gearboxes

AD-07-MTR-0608



the #1 value in automation

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