## PRODUCT GUIDE - WC DGAB GEAR OPERATOR SERIES



### **EXPECT QUALITY AND RELIABILITY**

using our brand name WC DGAB GEAR OPERATOR SERIES

Version 4.0



#### **Head Office:**



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DOMESTIC PRODUCTS MADE IN NORTH AMERICA

Details are the difference between ordinary and EXCELLENCE





#### **GEAR OPERATOR FEATURES**

Suitable for connections to Butterfly valve, Ball valve, and Plug valve.

#### **SOLID AND CLEAN DESIGN**

Weatherproof housing, manufactured from high strength WCB steel protects and isolates internal operating parts from dirt and water. Larger units utilize oil seals at bottom of gear hub.

#### **DESIGNED TO FIT 90° ROTATION**

Butterfly, plug or ball valves, and other equipment such as dampers. Outputs up to 50,000 inch pounds of torque.

#### DURABLE

Comes standard with ductile iron worm segments. Optional Aluminum Bronze worm segments also available.

#### **ADJUSTABLE**

Screws allow a + 5° range at end of travel.

#### **EASY MOUNTING**

Customers can specify location, size, and number of tapped mounting holes as well as bore and keyway dimensions. For specific applications, adaptor plates or flanged base operators may be employed

# Weir USA at work for you we dear series parts ordering

#### Please specify the following:

- Model number of valve to connect to
- Required torque
- Mounting hole pattern and thread size (optional)
- Input shaft roll pin hole or keyway size (optional)

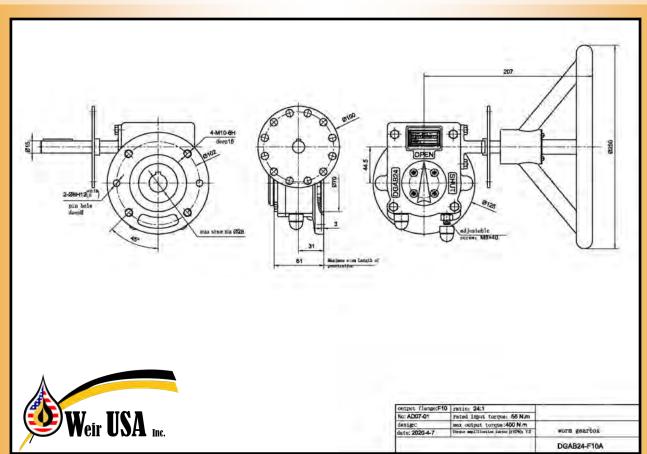
## CUSTOM HARDWARE AVAILABLE TO MOUNT TO ANY APPLICATION WELDED STEEL HANDWHEELS AVAILABLE IN SIZE RANGES FROM 10" TO 30"

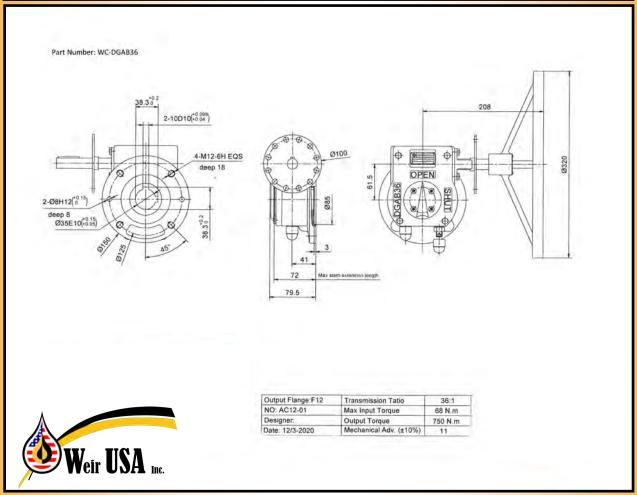
MATERIAL TABLE			
<b>Description</b>	Qty.	Material	
1. Housing	1	ASTM 216WCB	
2. Cover	2	ASTM 216WCB	
3. Warm	1	ASTM 216WCB	
4. Bearing			
Seat	2	ASTM A29 1045	
5. Handwheel	1	45	
6. Cover	1	HT200	
7. Worm Gear	1	QT450	
8. Segment	1	Q235	

WEIGHT LIST		
Description	Material	
WC-DGAB24-F10	10 LBS.	
WC-DGAB36-F12	16 LBS.	
WC-DGAB41-F14	25 LBS.	
WC-DGAB68-F16	53 LBS.	
WC-DGAB178-F16	76 LBS.	

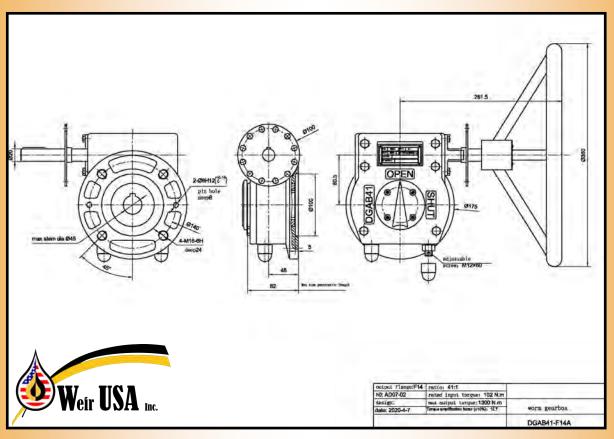


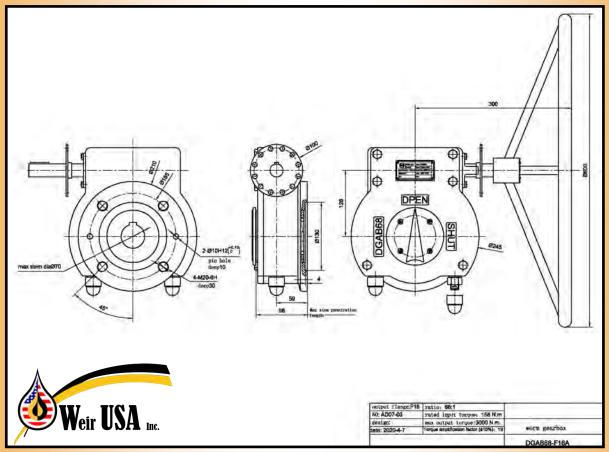
MODEL INFORMATION			
Model	Gear Ratio	Torque IN-LBs.	
WC DGAB24	24-1	3540	
WC DGAB36	36-1	6637.5	
WC DGAB41	41-1	11505	
WCDGAB68	68-1	26550	
WCDGAB178	178-1	60180	





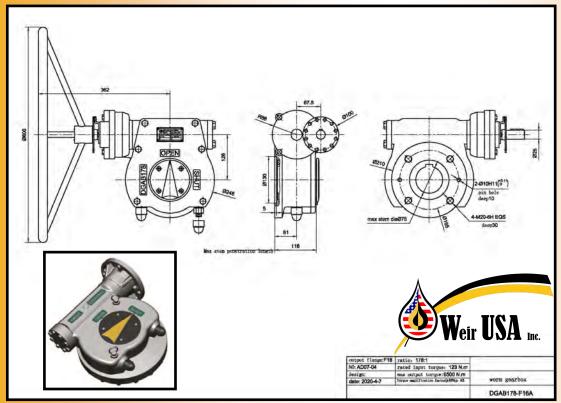
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### PRODUCT GUIDE

#### WEIR WC DGAB GEAR OPERATOR SERIES







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