



**MILEWELL**

# PERFORMANCE TURBOCHARGER CATALOG

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**Ball Bearing | Journal Bearing**

119 performance turbocharger configurations

**CUSTOM CONFIGURATIONS AVAILABLE**

Built to customer requirements, subject to technical confirmation.

**Xinchang Milewell Auto Parts Co., Ltd.**

[www.milewellturbo.com](http://www.milewellturbo.com)

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# Select by configuration, not model name alone.

## 1 BEARING

Choose dual ball bearing or journal bearing according to response, durability and budget requirements.

## 2 HOUSING

Confirm compressor and turbine housing A/R, inlet flange and exhaust outlet configuration.

## 3 WHEELS

Compare inducer and exducer dimensions before ordering or replacing an existing performance turbo.

## 4 CUSTOMIZE

Tell us your target power, engine setup, preferred housing, flange and actuator. Milewell can evaluate a configuration for your requirements.

### Configuration policy

- | Items marked Customizable Turbine Housing can be supplied with one listed housing option selected to match the customer's installation requirements.
- | Products sharing the same turbo family remain separate when housing, flange, actuator or wheel specifications differ.
- | Custom configurations are subject to technical feasibility, component availability and final written confirmation.



**MILEWELL**

**MILEWELL PERFORMANCE SERIES**

# **BALL BEARING TURBOCHARGERS**

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Fast response, high-speed capability and performance-focused configurations.

**46** CONFIGURATIONS

Milewell references MWBB-001 to MWBB-046

**MWBB-001**

**G25-550**



**Compressor Housing:** (Two) A/R.70 slotting+speed sensor  
**Compressor Wheel(in/out):**  $\varnothing$  48.37- $\varnothing$  62.2 (9+0Billet)  
**Turbine Housing:** A/R.72  
**Turbine Wheel(out/in):**  $\varnothing$  49.36- $\varnothing$  53.85  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Actuator:** External  
**Inlet:** V Band-76.2mm  
**Outlet:** V Band-90.16mm

**MWBB-002**

**G25-550**

with wastegate actuator



**Compressor Housing:** (Two) A/R.70 slotting+speed sensor  
**Compressor Wheel(in/out):**  $\varnothing$  48.37- $\varnothing$  62.2 (9+0Billet)  
**Turbine Housing:** A/R.72  
**Turbine Wheel(out/in):**  $\varnothing$  49.36- $\varnothing$  53.85  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Actuator:** Internal  
**Inlet:** V Band-76.2mm  
**Outlet:** V Band-90.16mm  
**Wastegated turbine housing option:** A/R.72/2V

**MWBB-003**

**G25-660**

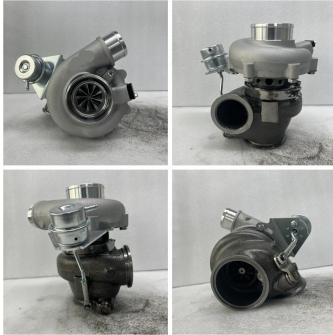


**Compressor Housing:** (Two) A/R.70 slotting+speed sensor  
**Compressor Wheel(in/out):**  $\varnothing$  54.34- $\varnothing$  67.4 (9+0Billet)  
**Turbine Housing:** A/R.72  
**Turbine Wheel(out/in):**  $\varnothing$  49.36- $\varnothing$  53.85  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Actuator:** External  
**Inlet:** V Band-76.2mm  
**Outlet:** V Band-90.16mm

**MWBB-004**

**G25-660**

with wastgate actuator



**Compressor Housing:**(Two)A/R.70 slotting+speed sensor  
**Compressor Wheel(in/out):** Ø 54.34-Ø 67.4 (9+0Billet)  
**Turbine Housing:**A/R.72  
**Turbine Wheel(out/in):** Ø 49.36-Ø 53.85  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Actuator:** Internal  
**Inlet:** V Band-76.2mm  
**Outlet:** V Band-90.16mm  
**Wastegated turbine housing option:**A/R.72/2V

**MWBB-005**

**G30-660**



**Compressor Housing:**(Two)A/R.70 slotting+speed sensor  
**Compressor Wheel(in/out):** Ø 54.34-Ø 67.4 (9+0Billet)  
**Turbine Wheel(out/in):** Ø 54.98-Ø 60  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Actuator:** External  
**Inlet:** V Band-76.2mm  
**Outlet:** V Band-90.16mm

**CUSTOMIZABLE TURBINE HOUSING - CHOOSE ONE**

Select the turbine housing that matches your installation requirements:

- |                        |                         |
|------------------------|-------------------------|
| 1. A/R.83 / 2-V-Band   | 2. A/R.83 / T3 / V-Band |
| 3. A/R 1.01 / 2-V-Band | 4. A/R 1.21 / 2-V-Band  |

One housing option is supplied. Confirm your selection when ordering.

**MWBB-006**

**G30-660**

with wastgate actuator



**Compressor Housing:**(Two)A/R.70 slotting+speed sensor  
**Compressor Wheel(in/out):** Ø 54.34-Ø 67.4 (9+0Billet)  
**Turbine Housing:**A/R.92  
**Turbine Wheel(out/in):** Ø 54.98-Ø 60  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Actuator:** Internal  
**Inlet:** V Band-76.2mm  
**Outlet:** V Band-90.16mm  
**Wastegated turbine housing option:**A/R.92/2V

**MWBB-007**

**G30-770**



**Compressor Housing:**(Two)A/R.72 slotting+speed sensor  
**Compressor Wheel(in/out):** Ø 57.56-Ø 71.4 (9+0Billet)  
**Turbine Wheel(out/in):** Ø 54.98-Ø 60  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Actuator:** External  
**Inlet:** V Band-76.2mm  
**Outlet:** V Band-90.16mm

**CUSTOMIZABLE TURBINE HOUSING - CHOOSE ONE**

Select the turbine housing that matches your installation requirements:

- |                        |                         |
|------------------------|-------------------------|
| 1. A/R.83 / 2-V-Band   | 2. A/R.83 / T3 / V-Band |
| 3. A/R 1.01 / 2-V-Band | 4. A/R 1.21 / 2-V-Band  |

One housing option is supplied. Confirm your selection when ordering.

**MWBB-008**

**G30-770**

with wastegate actuator



**Compressor Housing:**(Two)A/R.72 slotting+speed sensor  
**Compressor Wheel(in/out):** Ø 57.56-Ø 71.4 (9+0Billet)  
**Turbine Housing:**A/R.92  
**Turbine Wheel(out/in):** Ø 54.98-Ø 60  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Actuator:** Internal  
**Inlet:** V Band-76.2mm  
**Outlet:** V Band-90.16mm  
**Wastegated turbine housing option:**A/R.92/2V

**MWBB-009**

**G30-900**



**Compressor Housing:**(Two)A/R.72 slotting+speed sensor  
**Compressor Wheel(in/out):** Ø 61.75-Ø 76.6 (9+0Billet)  
**Turbine Wheel(out/in):** Ø 54.98-Ø 60  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Actuator:** External  
**Inlet:** V Band-76.2mm  
**Outlet:** V Band-90.16mm

**CUSTOMIZABLE TURBINE HOUSING - CHOOSE ONE**

Select the turbine housing that matches your installation requirements:

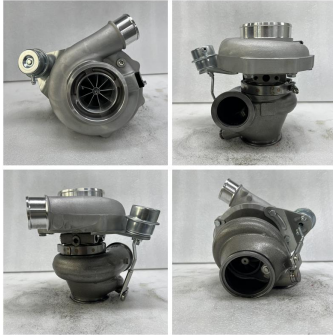
- |                        |                         |
|------------------------|-------------------------|
| 1. A/R.83 / 2-V-Band   | 2. A/R.83 / T3 / V-Band |
| 3. A/R 1.01 / 2-V-Band | 4. A/R 1.21 / 2-V-Band  |

One housing option is supplied. Confirm your selection when ordering.

**MWBB-010**

**G30-900**

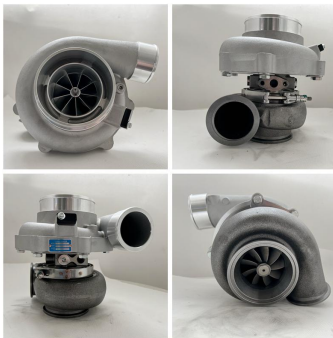
with wastegate actuator



**Compressor Housing:**(Two)A/R.72 slotting+speed sensor  
**Compressor Wheel(in/out):** Ø 61.75-Ø 76.6 (9+0Billet)  
**Turbine Housing:**A/R.92  
**Turbine Wheel(out/in):** Ø 54.98-Ø 60  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Actuator:** Internal  
**Inlet:** V Band-76.2mm  
**Outlet:** V Band-90.16mm  
**Wastegated turbine housing option:**A/R.92/2V

**MWBB-011**

**G35-900**



**Compressor Housing:**(Two)A/R.72 slotting+speed sensor  
**Compressor Wheel(in/out):** Ø 61.75-Ø 76.6 (9+0Billet)  
**Turbine Wheel(out/in):** Ø 62.3-Ø 68  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Actuator:** External  
**Inlet:** V Band-76.2mm  
**Outlet:** V Band-90.16mm

**CUSTOMIZABLE TURBINE HOUSING - CHOOSE ONE**

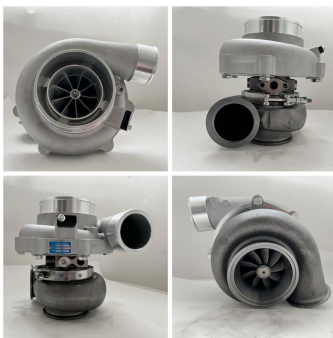
Select the turbine housing that matches your installation requirements:

- |                        |                         |
|------------------------|-------------------------|
| 1. A/R.83 / 2-V-Band   | 2. A/R.83 / T3 / V-Band |
| 3. A/R 1.01 / 2-V-Band | 4. A/R 1.21 / 2-V-Band  |

One housing option is supplied. Confirm your selection when ordering.

**MWBB-012**

**G35-1050**



**Compressor Housing:**(Two)A/R.75 slotting+speed sensor  
**Compressor Wheel(in/out):** Ø 68.07-Ø 84.44 (9+0Billet)  
**Turbine Wheel(out/in):** Ø 62.3-Ø 68  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Actuator:** External  
**Inlet:** V Band-76.2mm  
**Outlet:** V Band-90.16mm

**CUSTOMIZABLE TURBINE HOUSING - CHOOSE ONE**

Select the turbine housing that matches your installation requirements:

- |                        |                         |
|------------------------|-------------------------|
| 1. A/R.83 / 2-V-Band   | 2. A/R.83 / T3 / V-Band |
| 3. A/R 1.01 / 2-V-Band | 4. A/R 1.21 / 2-V-Band  |

One housing option is supplied. Confirm your selection when ordering.

**MWBB-013**

**GT3582R-1**



**Compressor Housing:** T04EA/R.70 Add Anti-surge  
**Compressor Wheel(in/out):** Ø 61.4-Ø 82  
**Turbine Housing:** A/R.63(A/R.82,A/R1.06) spheroidal graphite cast iron  
**Turbine Wheel(out/in):** Ø 62.3-Ø 68  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Thrust bearing:** 360 °  
**Actuator:** External  
**Inlet:** T3 flange  
**Outlet:** 4 Bolt

**MWBB-014**

**GT3582R-2**



**Compressor Housing:** T04EA/R.70 Add Anti-surge  
**Compressor Wheel(in/out):** Ø 61.4-Ø 82  
**Turbine Housing:** A/R.82 spheroidal graphite cast iron  
**Turbine Wheel(out/in):** Ø 62.3-Ø 68  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Thrust bearing:** 360 °  
**Actuator:** External  
**Inlet:** T3 flange  
**Outlet:** 4 Bolt

**MWBB-015**

**GT3582R-3**



**Compressor Housing:** T04EA/R.70 Add Anti-surge  
**Compressor Wheel(in/out):** Ø 61.4-Ø 82  
**Turbine Housing:** A/R1.06 spheroidal graphite cast iron  
**Turbine Wheel(out/in):** Ø 62.3-Ø 68  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Thrust bearing:** 360 °  
**Actuator:** External  
**Inlet:** T3 flange  
**Outlet:** 4 Bolt

MWBB-016

GT3582R-4



**Compressor Housing:**A/R.50  
**Compressor Wheel(in/out):** Ø 61.4-Ø 82 Regular  
**Turbine Housing:**A/R1.06 spheroidal graphite cast iron  
**Turbine Wheel(out/in):** Ø 62.3-Ø 68  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Thrust bearing:** 360 °  
**Actuator:** Internal  
**Inlet:** T3 flange  
**Outlet:** 5 Bolt

MWBB-017

GT3582R-5



**Compressor Housing:**A/R 70 add Regular Insert, can be anodized color  
**Compressor Wheel(in/out):** 61.4-82 Billet  
**Turbine Housing:**A/R 82 stainless steel  
**Turbine Wheel(out/in):** 62.3-68  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Thrust Bearing:** 360 °  
**Actuator:** External  
**Inlet:** V Band  
**Outlet:** V Band

MWBB-018

GT3582R-6



**Compressor Housing:**T04EA/R.70 Add Anti-surge Insert  
**Specification:** +Spraying with static color or anodizing Black  
**Compressor Wheel(in/out):** Ø 61.4-Ø 82 Billet  
**Turbine Housing:**A/R.63 spheroidal graphite cast iron  
**Turbine Wheel(out/in):** Ø 62.3-Ø 68  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Thrust bearing:** 360 °  
**Actuator:** External  
**Inlet:** T3 flange

**MWBB-019**

**GT3582R-7**



**Compressor Housing:** T04EA/R.70 Add Anti-surge Insert  
**Specification:** +Spraying with static color or anodizing Black  
**Compressor Wheel(in/out):** Ø 61.4-Ø 82 Billet  
**Turbine Housing:** A/R.82 spheroidal graphite cast iron  
**Turbine Wheel(out/in):** Ø 62.3-Ø 68  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball Bearing  
**Thrust bearing:** 360 °  
**Actuator:** External  
**Inlet:** T3 flange

**MWBB-020**

**GT3582R-8**



**Compressor Housing:** A/R.70 Add Anti-surge Insert  
**Specification:** +Spraying with static color or anodizing Black  
**Compressor Wheel(in/out):** Ø 61.4-Ø 82 Billet  
**Turbine Housing:** A/R1.06 spheroidal graphite cast iron  
**Turbine Wheel(out/in):** Ø 62.3-Ø 68  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Thrust bearing:** 360 °  
**Actuator:** External  
**Inlet:** T3 flange

**MWBB-021**

**GT3582R-9**



**Compressor Housing:** A/R.70 Add Anti-surge gold Insert  
**Specification:** +Spraying with static color or anodizing Black  
**Compressor Wheel(in/out):** Ø 61.4-Ø 82 Billet  
**Turbine Housing:** A/R.82 spheroidal graphite cast iron  
**Turbine Wheel(out/in):** Ø 62.3-Ø 68  
**Cooled:** Water&Oil cooled  
**Bearing:** Dual Ball bearing  
**Thrust bearing:** 360 °  
**Actuator:** External  
**Inlet:** T4 flange

# PREVIEW ONLY

## Request the complete Milewell Performance Turbo Catalog

This sample preview includes selected pages only.

To receive the full performance turbo catalog with complete models, configurations, turbine housing options and remarks, please visit:

[www.milewellturbo.com/catalogs/](http://www.milewellturbo.com/catalogs/)

For custom turbine housing, target power, flange or actuator requirements, contact Milewell.