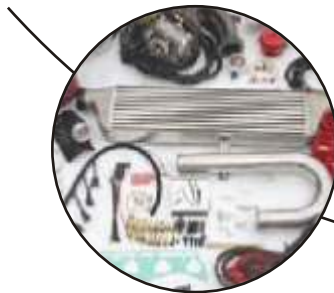


# Garrett

## PRODUCT CATALOG

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**Honeywell**

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**Displacement Chart**

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# Turbochargers

## Small Frame

### GT12

GT1241 - 756068-1

### GT15

GT1544 - 452195-1

GT1544 - 454082-2

GT1544 - 454083-2

GT1548 - 466755-3

### GT20

GT2052 - 727264-1

GT2052 - 727264-2

GT2052 - 727264-3

GT2052 - 727264-4

GT2052 - 727264-5

GT2052 - 727264-7

GT2056 - 751578-2

### GT22

GT2252 - 452187-6

GT2259 - 452214-3

## Medium Frame

### GT25

GT2554R - 471171-3

GT2560R - 466541-1

GT2560R - 466541-4

### GT28

GT2854R - 471171-9

GT2860RS - 739548-1

GT2860R - 707160-5

GT2860R - 707160-7

GT2860 - 705329-2

GT2871R - 472560-15

GT2871R - 743347-1

GT2871R - 743347-2

GT2876R - 705330-1

GT2876R - 705330-2

### GT30

GT3071R - 700382-3

GT3071R - 700382-20

GT3076R - 700382-12

### GT32

GT3267 - 452233-5

GT3267 - 452234-2

GT3271 - 452203-1

### GT35

GT3571 - 731413-1

GT3582R - 714568-1

GT3582R - 714568-2

GT3582R - 714568-3

## Large Frame

### GT37

GT3776 - 452159-1

GT3782 - 452159-3

### GT40

GT4082 - 452232-5

GT4088 - 703457-2

### GT42

GT4294 - 731376-1

GT4202 - 731376-2

### GT60

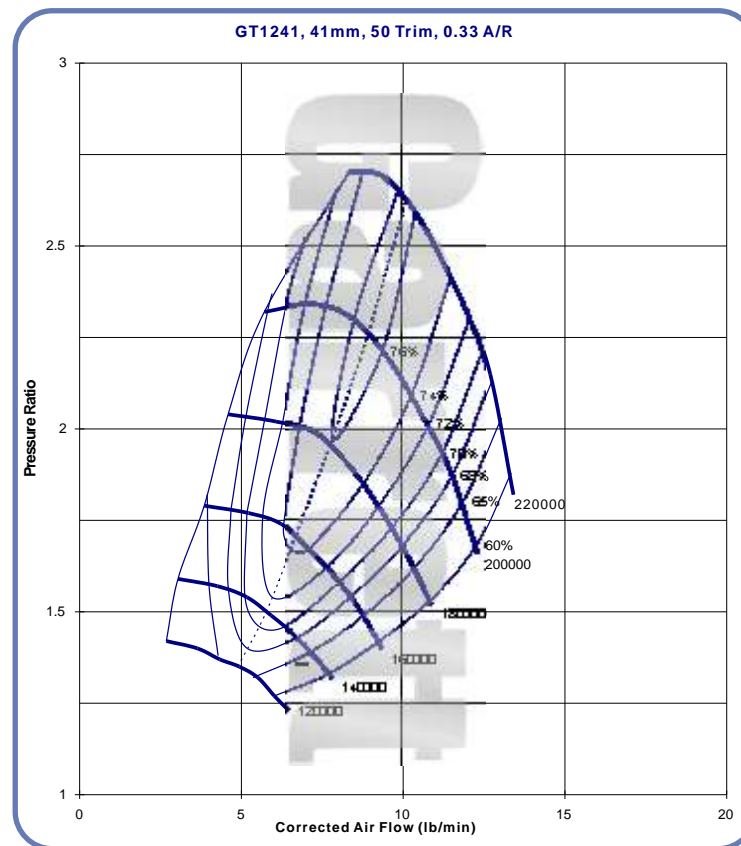
GT6041 - 731377-1

## Turbochargers &gt; GT12 Family &gt; GT1241 - 756068 - 1

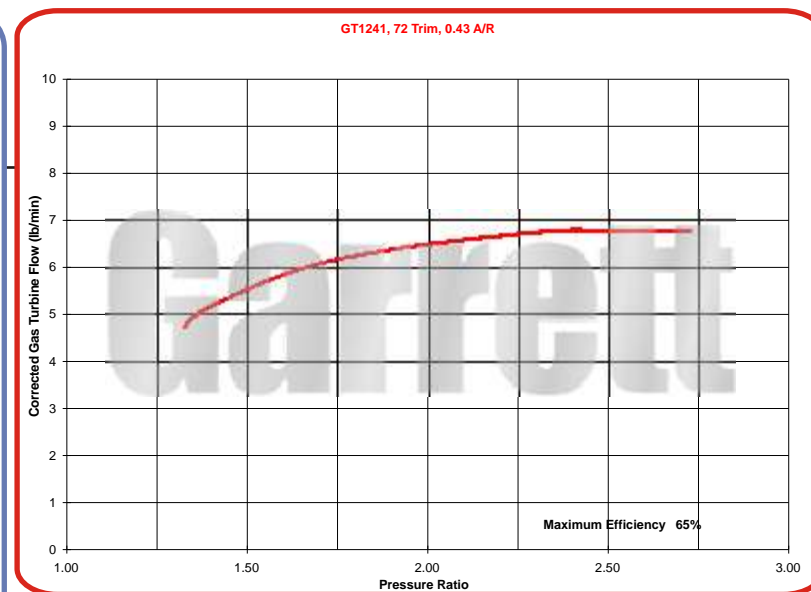
- \* Journal bearing
- \* Oil & Water-cooled bearing system
- \* The smallest turbocharger in our range
- \* Internally wastegated turbo
- \* Complete with actuator
- \* Excellent for motorcycles or other small engines up to 130 horsepower



Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 50 - 130  
Displacement 0.4L - 1.2L

GT1241		COMPRESSOR				TURBINE				Journal bearing
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type	
756068-1	757864-1	29.0mm	41.0mm	50	0.33	35.5mm	72	0.43	Wastegated	

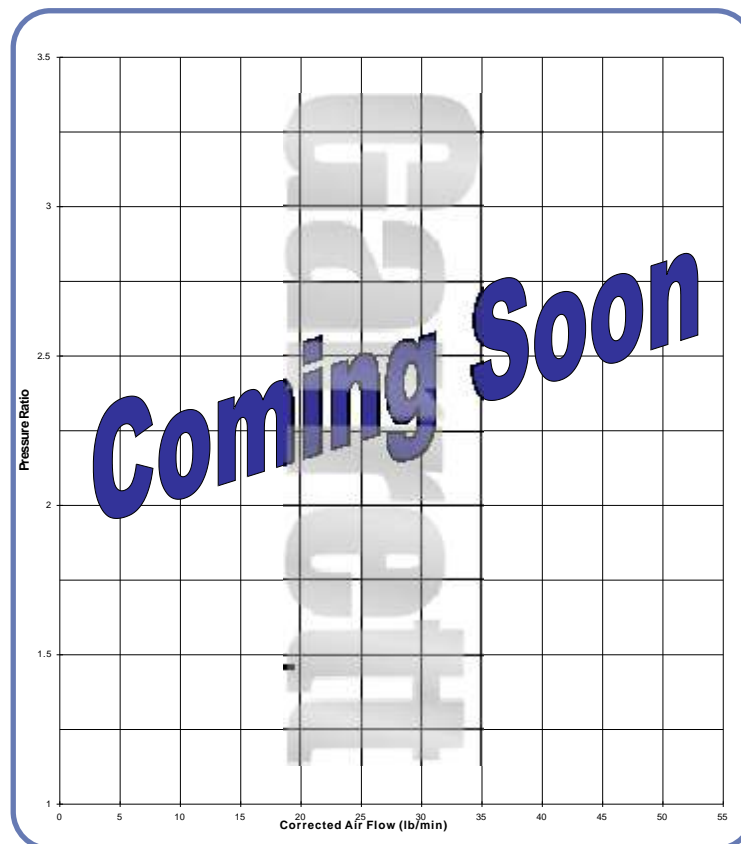
Oil & Water-cooled bearing system

## Turbochargers &gt; GT15 Family &gt; GT1544 - 452195 - 1

- \* Journal bearing
- \* Oil-cooled bearing system
- \* Wastegated turbine housing
- \* Complete with actuator
- \* Three bolt 34mm turbine inlet



Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 75 - 175  
Displacement 0.9L - 1.5L

GT1544		COMPRESSOR				TURBINE				Journal bearing
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type	
452195-1	433289-126	31.1mm	44mm	50	0.33	42.2mm	58	0.35	Wastegated	

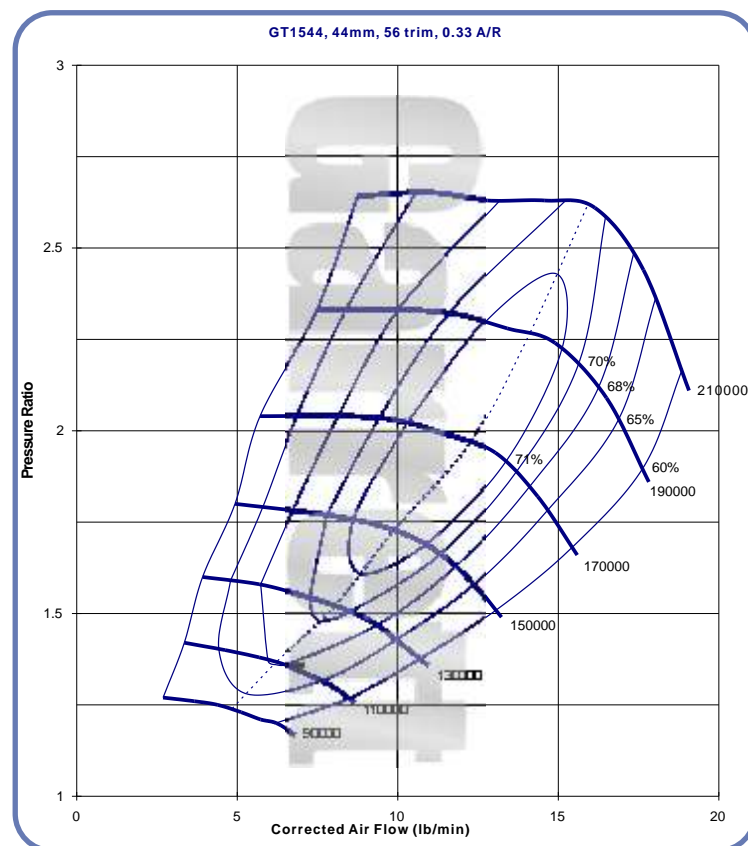
Oil - cooled Bearing System

Turbochargers &gt; GT15 Family &gt; GT1544 - 454082 - 2

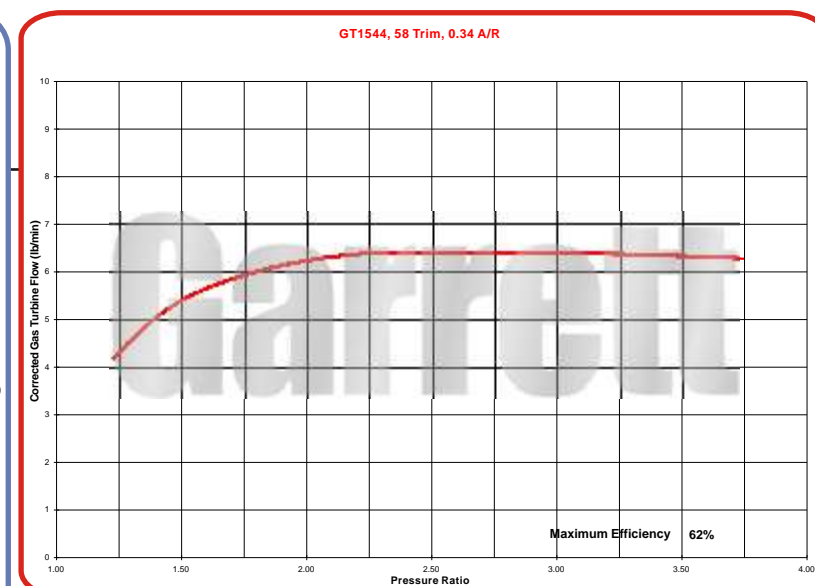
- \* Journal bearing
- \* Oil-cooled bearing system
- \* Wastegated turbine housing
- \* Complete with actuator
- \* Three bolt 34mm turbine inlet
- \* Alternate orientation available in 454083-2

Image Coming Soon

Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 80 - 180  
Displacement 0.9L - 1.5L

GT1544		COMPRESSOR				TURBINE				Journal bearing
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type	
454082-2	433289-116	32.9mm	43.9mm	56	0.33	42.2mm	58	0.34	Wastegated	

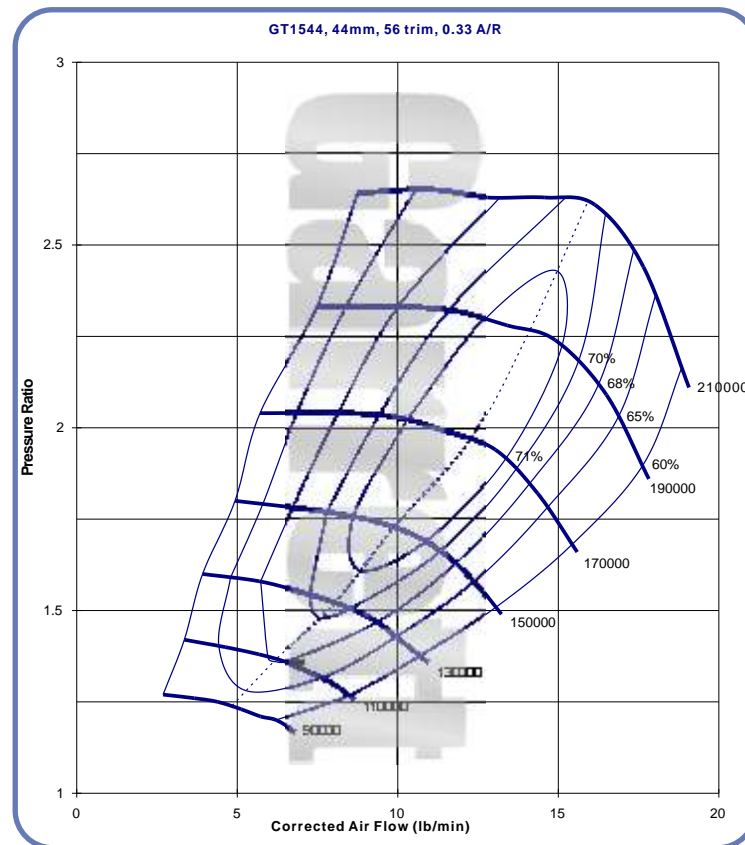
Oil &amp; Water-cooled Bearing System

Turbochargers &gt; GT15 Family &gt; GT1544 - 454083 - 2

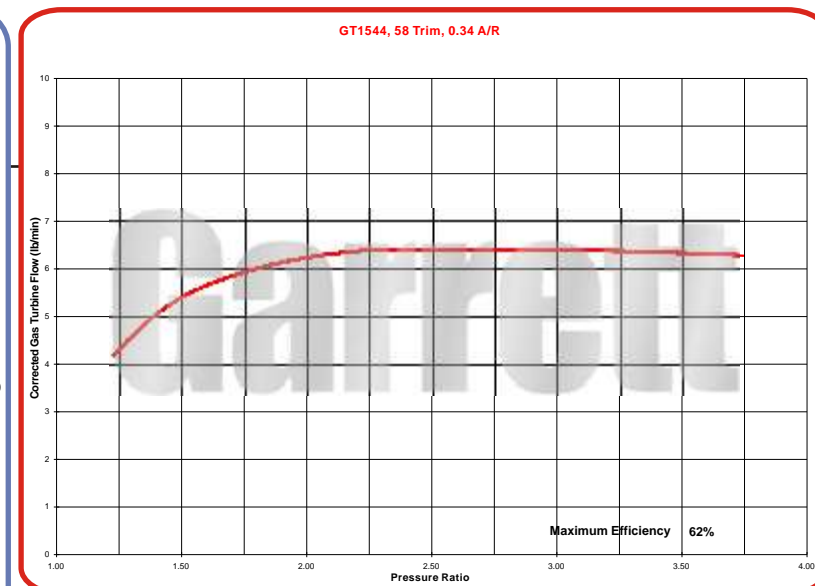
- \* Journal bearing
- \* Oil-cooled bearing system
- \* Wastegated turbine housing
- \* Complete with actuator
- \* Three bolt 34mm turbine inlet
- \* Alternate orientation available in 454082-2

Image Coming Soon

Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 75 - 175  
Displacement 0.9L - 1.5L

GT1544		COMPRESSOR				TURBINE				Journal bearing
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type	
454083-2	433289-50	32.9mm	43.9mm	56	0.33	42.2mm	58	0.35	Wastegated	

Oil - cooled Bearing System

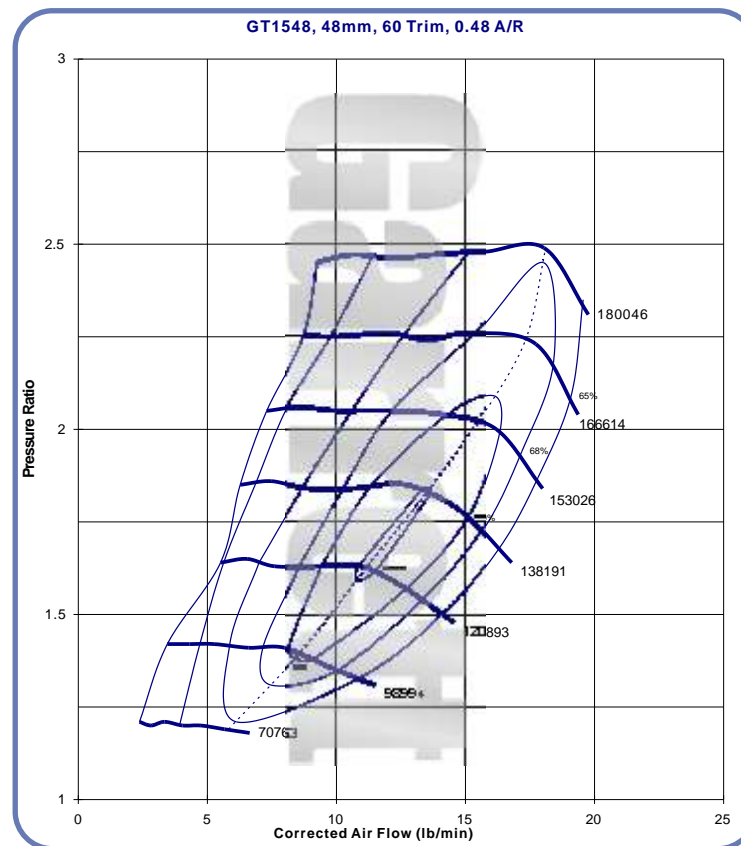


## Turbochargers &gt; GT15 Family &gt; GT1548 - 466755 - 3

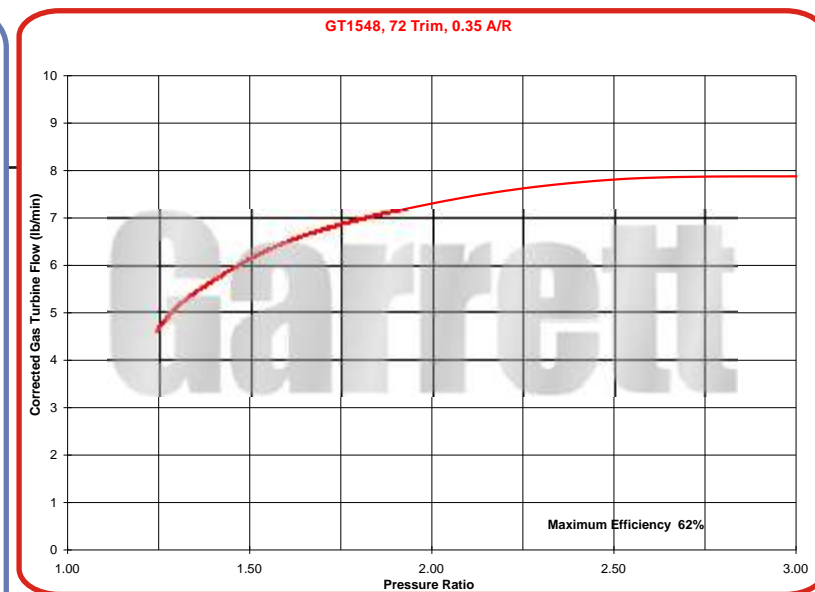
- \* Journal bearing
- \* Oil & Water-cooled bearing system
- \* Internally wastegated turbocharger
- \* Complete with actuator
- \* Excellent for motorcycles or other small engines
- \* Supports up to 200 horsepower
- \* T25 turbine inlet flange



Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 100 - 200  
Displacement 1.0L - 1.6L

GT1544		COMPRESSOR				TURBINE				Journal bearing
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type	
466755-3	431876-93	37.2mm	48.0mm	60	0.48	41.2mm	72	0.35	Wastegated	

Oil & Water-cooled Bearing System

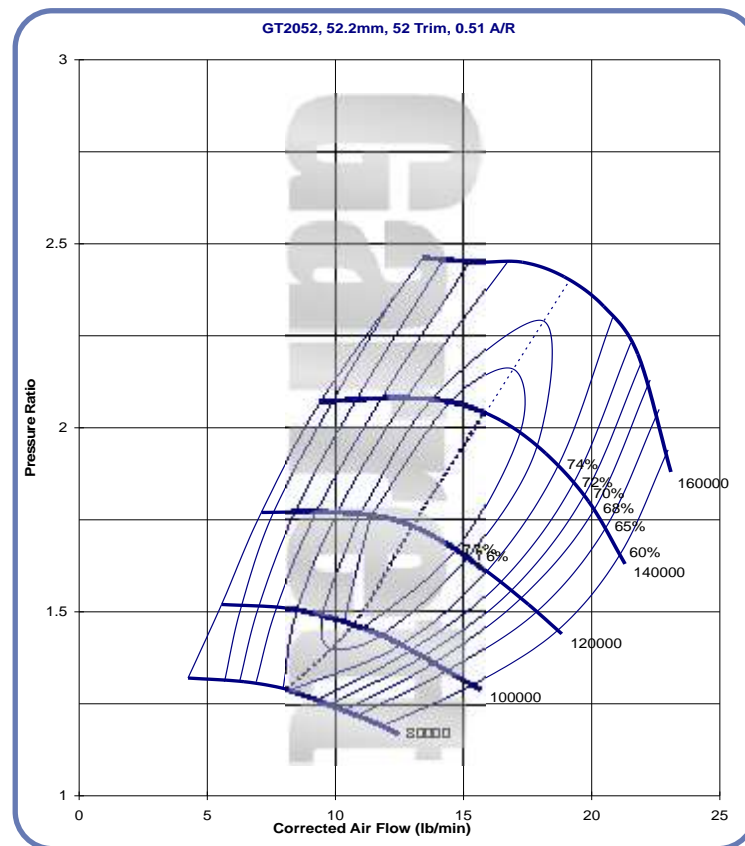


## Turbochargers &gt; GT20 Family &gt; GT2052 - 727264 - 1

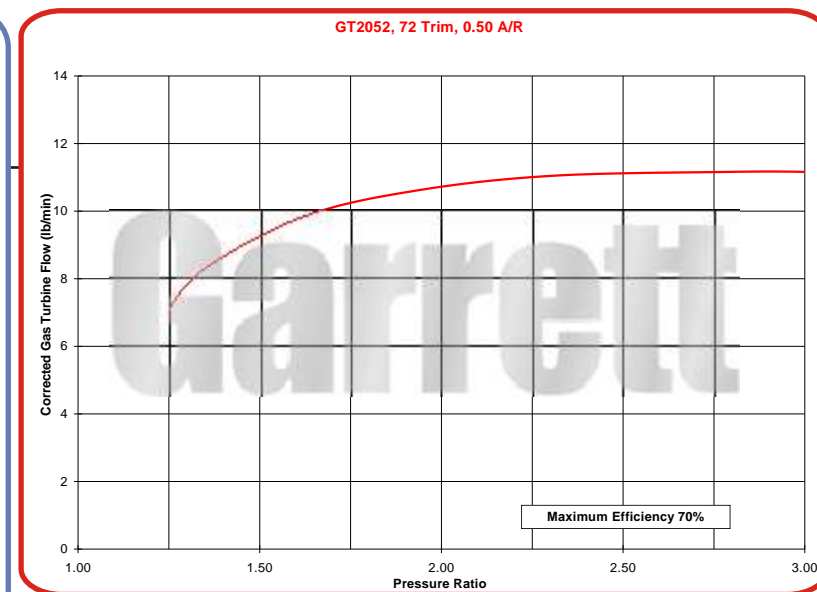
- \* Journal bearing
- \* Oil-cooled bearing system
- \* Wastegated turbine housing
- \* Complete with actuator
- \* T25 turbine inlet flange
- \* Two different orientations available
- \* Alternative orientation: 727264-2

Image Coming Soon

Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 140 - 225  
Displacement 1.4L - 2.0L

GT2052		COMPRESSOR				TURBINE				Journal bearing
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type	
727264-1	451298-43	37.6mm	52.2mm	52	0.51	47.0mm	72	0.50	Wastegated	

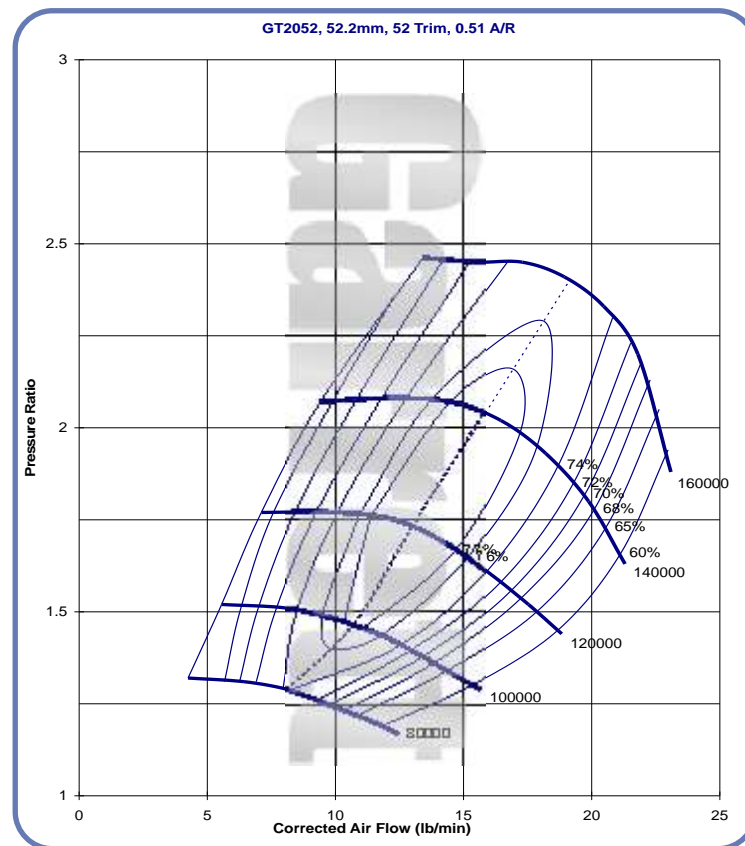
Oil-cooled Bearing System

## Turbochargers &gt; GT20 Family &gt; GT2052 - 727264 - 2

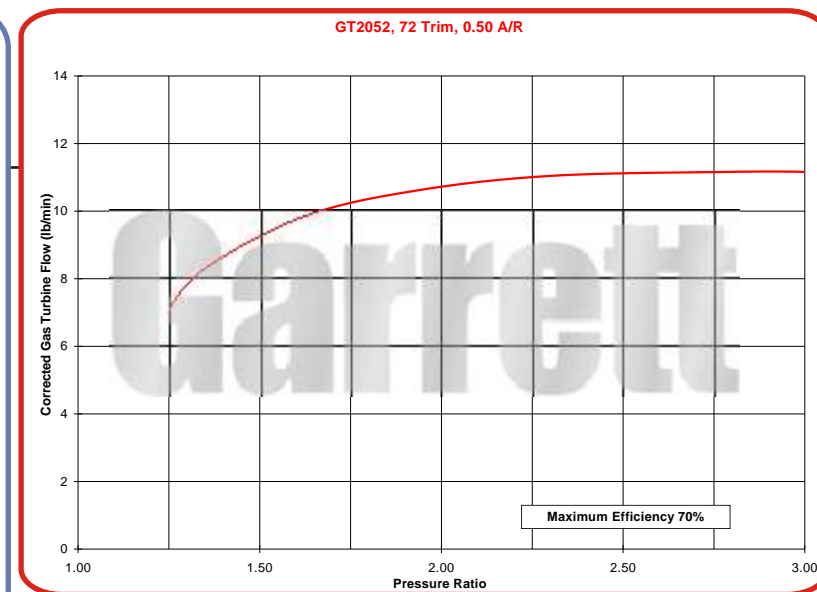
- \* Journal bearing
- \* Oil-cooled bearing system
- \* Wastegated turbine housing
- \* Complete with actuator
- \* T25 turbine inlet flange
- \* Two different orientations available
- \* Alternative orientation: 727264-1

Image Coming Soon

## Compressor Map



## Turbine Map



## POWERSHIFT

Horsepower 140 - 225  
Displacement 1.4L - 2.0L

Journal bearing

GT2052		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type
727264-2	451298-43	37.6mm	52.2mm	52	0.51	47.0mm	72	0.50	Wastegated

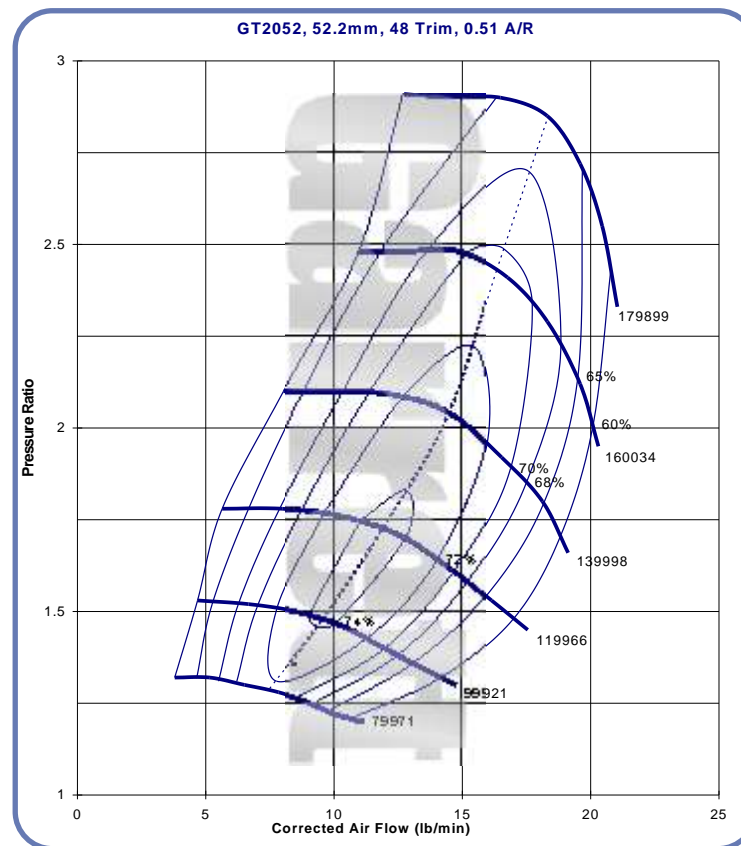
Oil-cooled Bearing System

## Turbochargers &gt; GT20 Family &gt; GT2052 - 727264 - 3

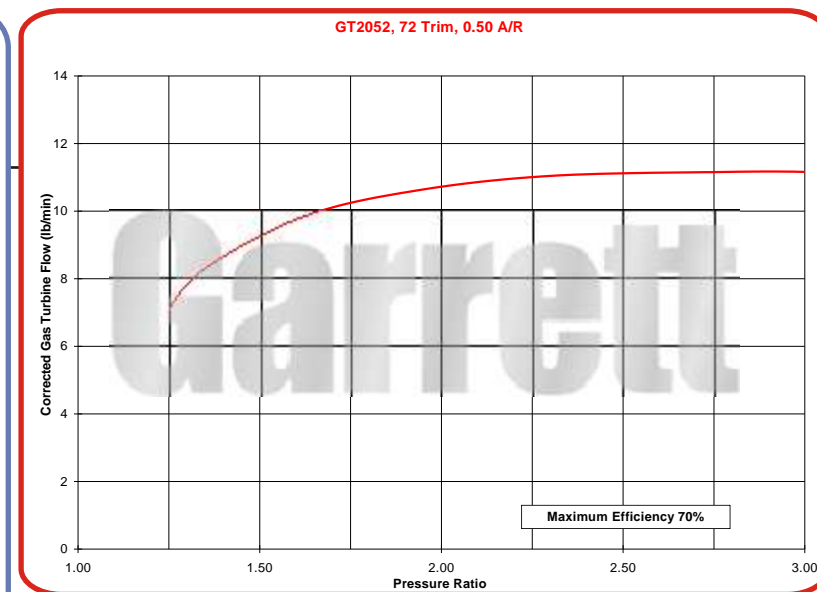
- \* Journal bearing
- \* Oil-cooled bearing system
- \* Wastegated turbine housing
- \* Complete with actuator
- \* T25 turbine inlet flange
- \* Two different orientations available
- \* Alternative orientation: 727264-7

Image Coming Soon

Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 140 - 225  
Displacement 1.4L - 2.0L

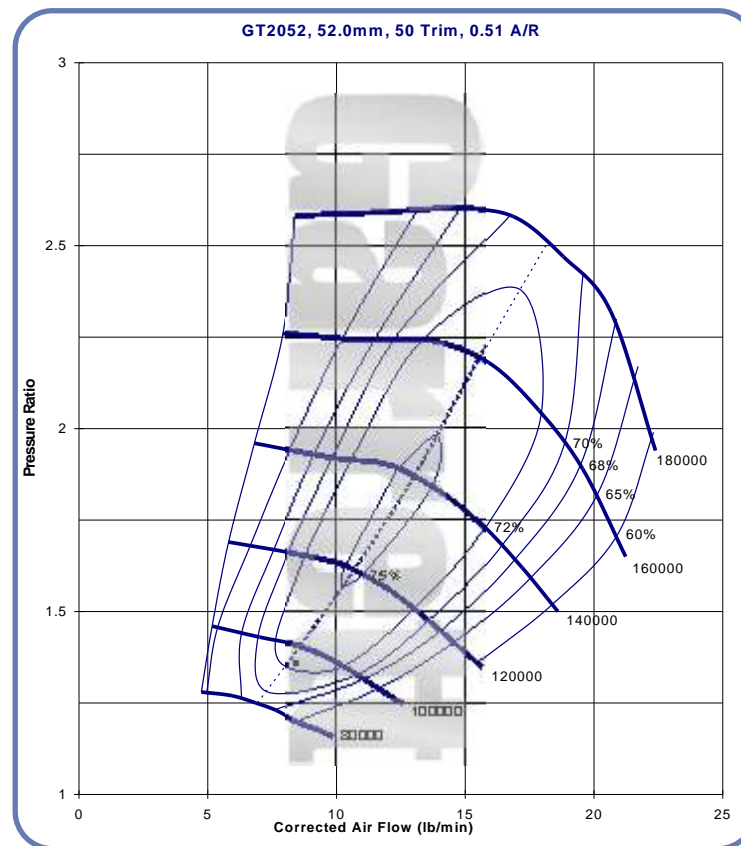
Journal bearing

GT2052		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Trim Exd	A/R		Wh Dia	Trim	A/R	Type
727264-3	451298-44	36.1mm	52.2mm	48	0.51	47.0mm	72	0.50	Wastegated

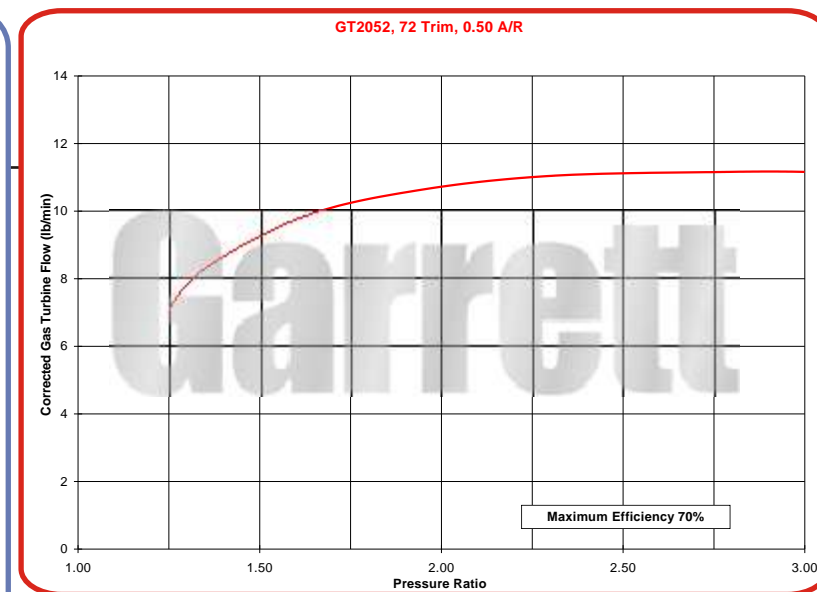
Oil-cooled Bearing System

## Turbochargers &gt; GT20 Family &gt; GT2052 - 727264 - 4

Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 140 - 225  
Displacement 1.4L - 2.0L

Journal bearing

GT2052		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Trim Exd	A/R		Wh Dia	Trim	A/R	Type
727264-4	451298-45	36.7mm	52.0mm	50	0.51	47.0mm	72	0.50	Wastegated

Oil-cooled Bearing System

- \* Journal bearing
- \* Oil-cooled bearing system
- \* Wastegated turbine housing
- \* Complete with actuator
- \* T25 turbine inlet flange
- \* Two different orientations available
- \* Alternative orientation: 727264-5

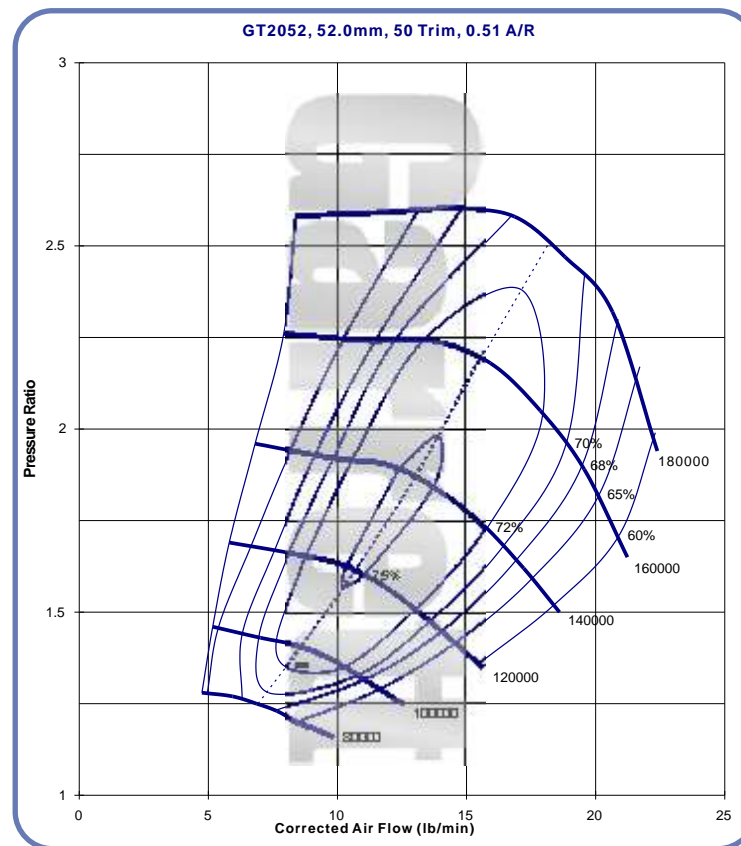
Image Coming Soon

## Turbochargers &gt; GT20 Family &gt; GT2052 - 727264 - 5

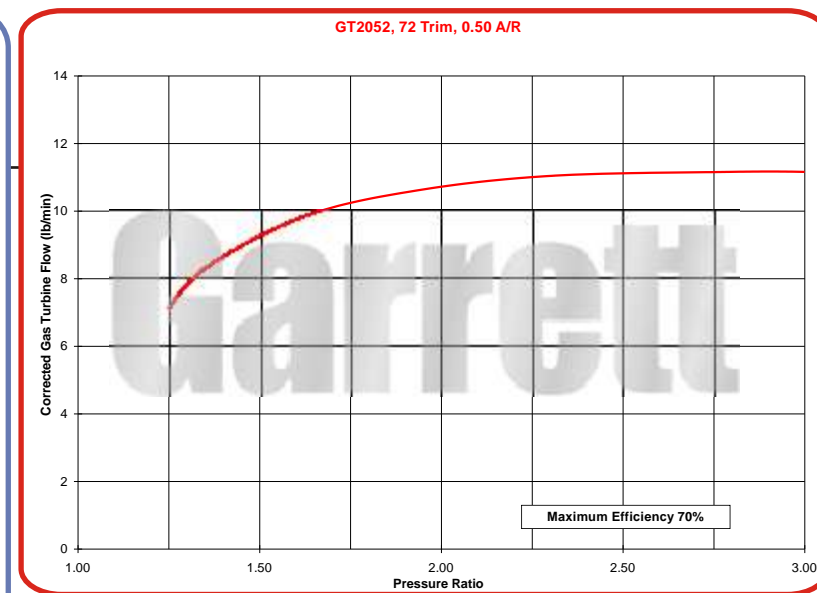
- \* Journal bearing
- \* Oil-cooled bearing system
- \* Wastegated turbine housing
- \* Complete with actuator
- \* T25 turbine inlet flange
- \* Two different orientations available
- \* Alternative orientation : 727264 - 4

Image Coming Soon

## Compressor Map



## Turbine Map

**POWERSHIFT**

Horsepower 140 - 225  
Displacement 1.4L - 2.0L

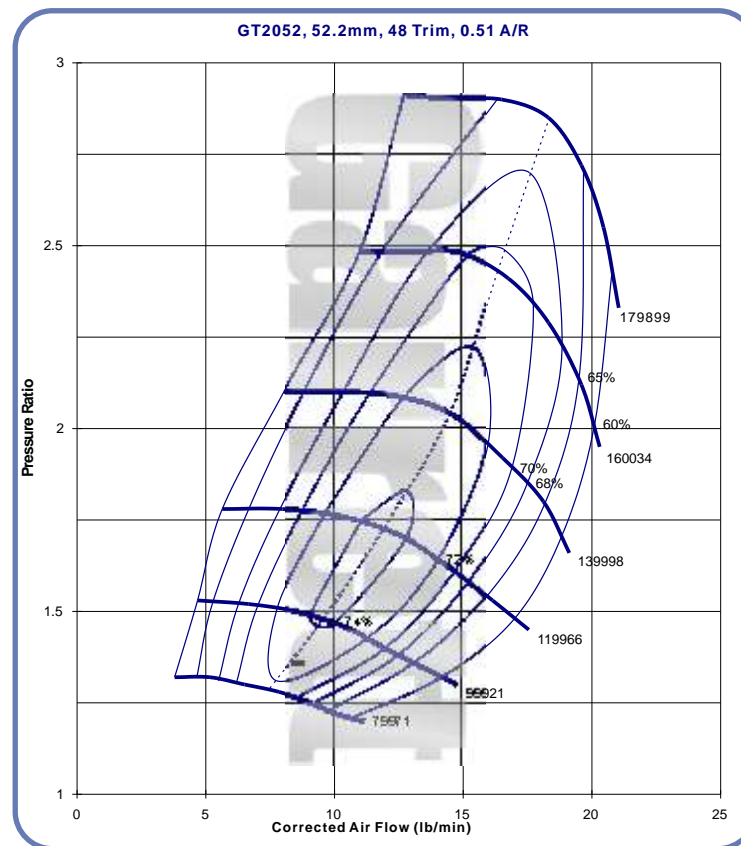
Journal bearing

GT2052		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Trim Exd	A/R		Wh Dia	Trim	A/R	Type
727264-5	451298-45	36.8mm	52.0mm	50	0.51	47.0mm	72	0.50	Wastegated

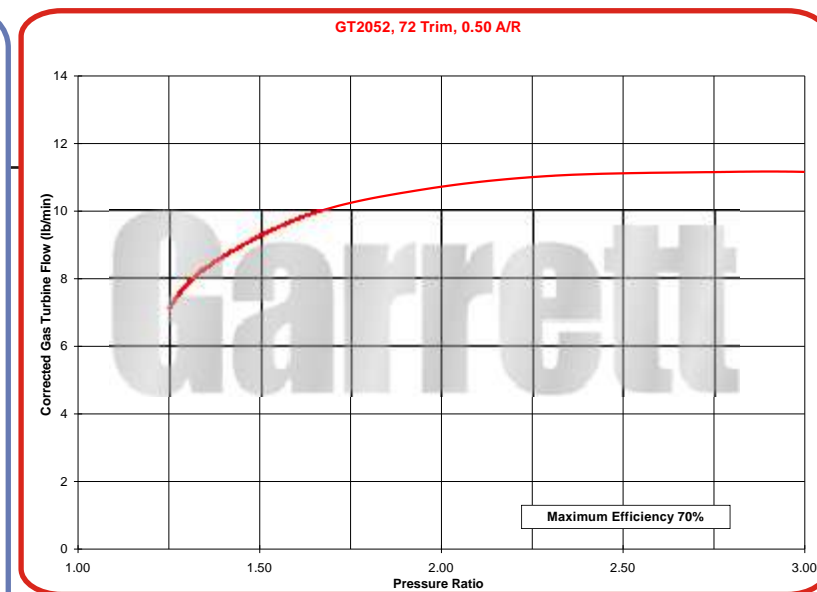
Oil-cooled Bearing System

## Turbochargers &gt; GT20 Family &gt; GT2052 - 727264 - 7

Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 130 - 215  
Displacement 1.4L - 2.0L

Image Coming Soon

Journal bearing

GT2052		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type
727264-7	451298-44	36.1mm	52.0mm	48	0.51	47.0mm	72	0.50	Wastegated

Oil-cooled Bearing System

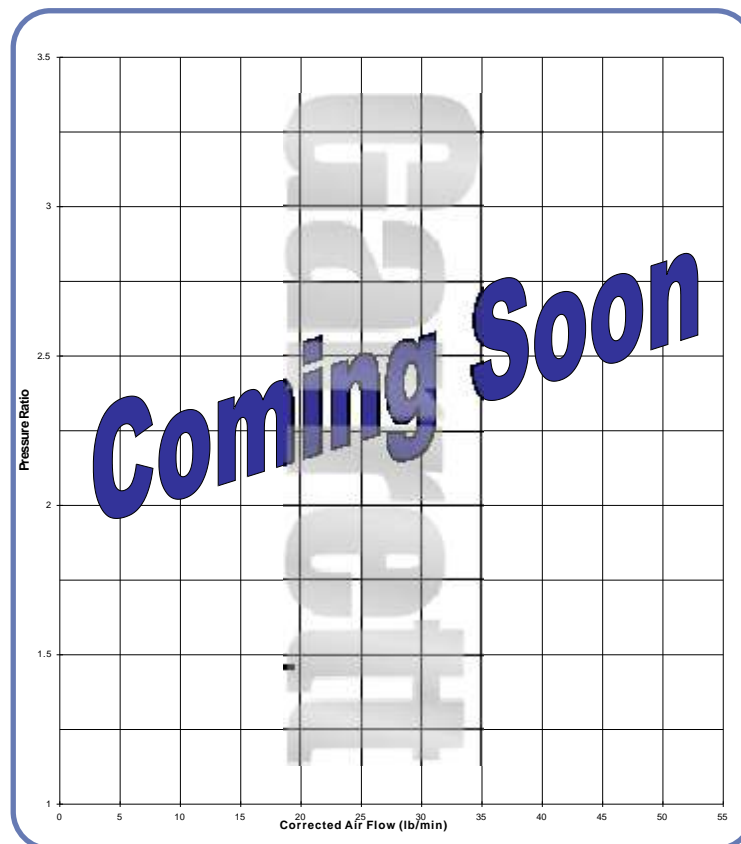
- \* Journal bearing
- \* Oil-cooled bearing system
- \* Wastegated turbine housing
- \* Complete with actuator
- \* T25 turbine inlet flange
- \* Two different orientations available
- \* Alternative orientation: 727264-3

## Turbochargers &gt; GT20 Family &gt; GT2056 - 751578 - 2

- \* Journal bearing
- \* Oil-cooled bearing system
- \* Wastegated turbine housing
- \* Complete with actuator
- \* T25 turbine inlet flange
- \* Two different orientations available



Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 140 - 260  
Displacement 1.4L - 2.0L

## Journal bearing

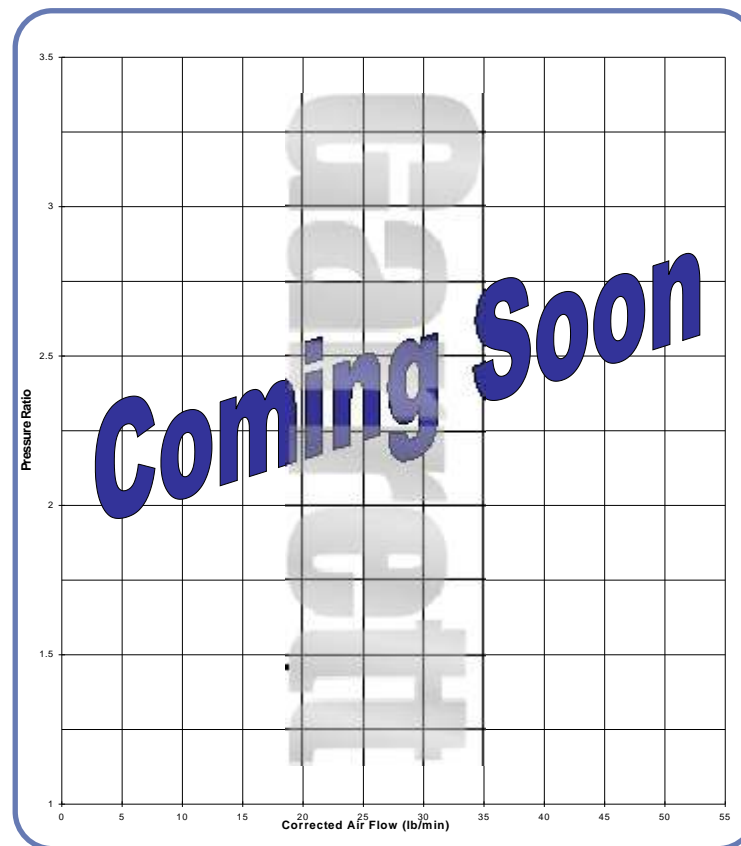
GT2056		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type
751578-2	433289-234	41.5mm	56.0mm	55	0.53	47.0mm	72	0.46	Wastegated

## Oil-cooled Bearing System



## Turbochargers &gt; GT22 Family &gt; GT2252 - 452187- 6

Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 150 - 260  
Displacement 1.7L - 2.2L

Image Coming Soon

**Journal bearing**

GT2252		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Trim Exd	A/R		Wh Dia	Trim	A/R	Type
452187-6	451298-6	40.2mm	52.0mm	60	0.51	50.3mm	72	0.67	Wastegated

**TURBINE HOUSING OPTION**

Part Number	Wh Dia	Trim	A/R	Type
436313-6	50.3mm	72	0.67	Wastegated
451503-1	50.3mm	72	0.56	Free Float

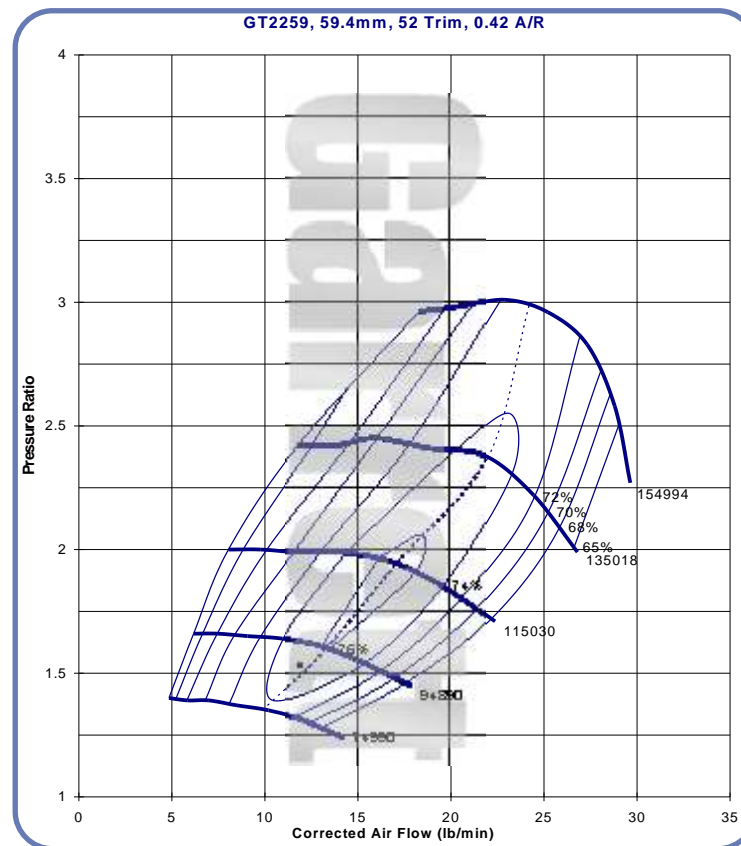
**Oil-cooled Bearing System**

## Turbochargers &gt; GT22 Family &gt; GT2259 - 452214 - 3

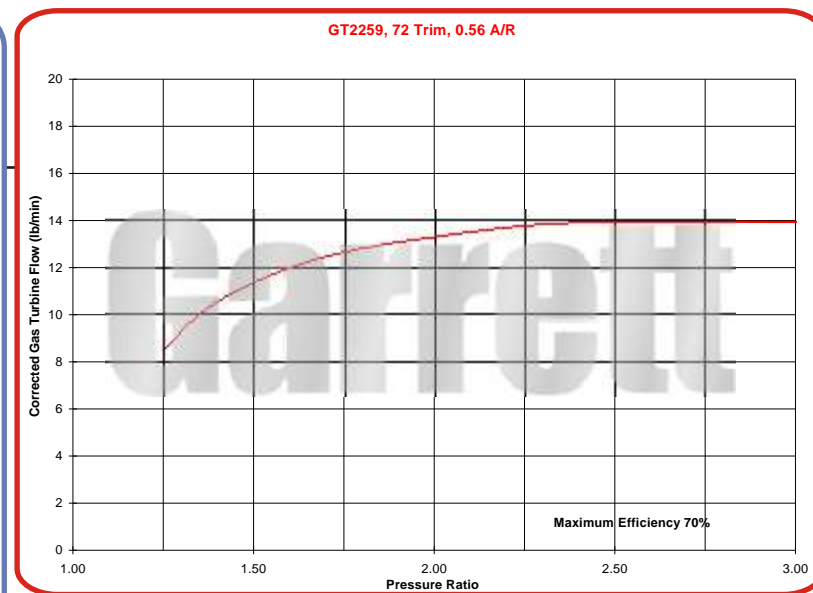
- \* Very efficient journal bearing turbocharger
- \* 52mm compressor wheel available
- \* T25 turbine inlet flange
- \* Free-float and wastegated turbine housing options available



## Compressor Map



## Turbine Map



## POWERSHIFT

Horsepower 160 - 280  
Displacement 1.7L - 2.2L

## Journal bearing

GT2259		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type
452214-3	451298-9	42.8mm	59.4mm	52	0.41	50.3mm	72	0.56	Free Float

## TURBINE HOUSING OPTION

Part Number	Wh Dia	Trim	A/R	Type
436313-6	50.3mm	72	0.67	Wastegated
451503-1	50.3mm	72	0.56	Free Float

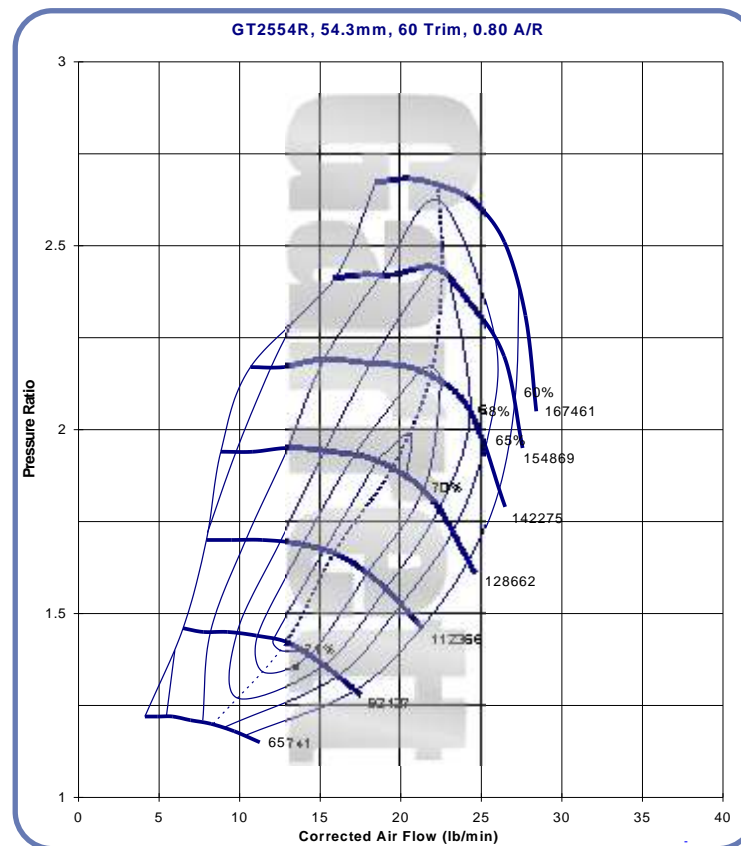
## Oil-cooled Bearing System

## Turbochargers &gt; GT25 Family &gt; GT2554R - 471171- 3

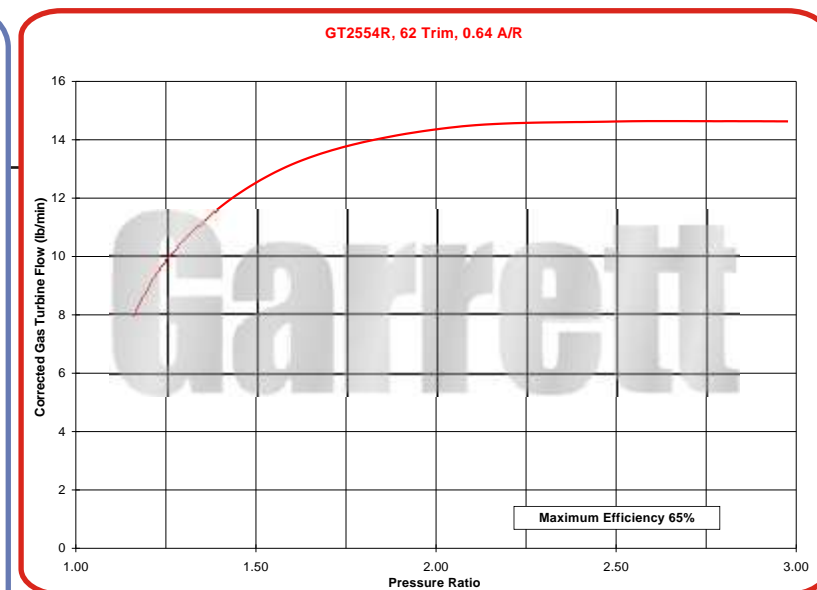
- \* Ball bearing
- \* Oil & Water-cooled bearing system
- \* Smallest ball-bearing turbocharger
- \* T25 turbine inlet flange
- \* Great size for applications w/ packaging constraints
- \* Ideal for smaller displacement engines making up to 250 hp



Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 170 - 250  
Displacement 1.4L - 2.2L

GT2554R		COMPRESSOR				TURBINE				Ball bearing
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type	
471171-3	446179-24	42.0mm	54.3mm	60	0.80	53.0mm	62	0.64	Wastegated	

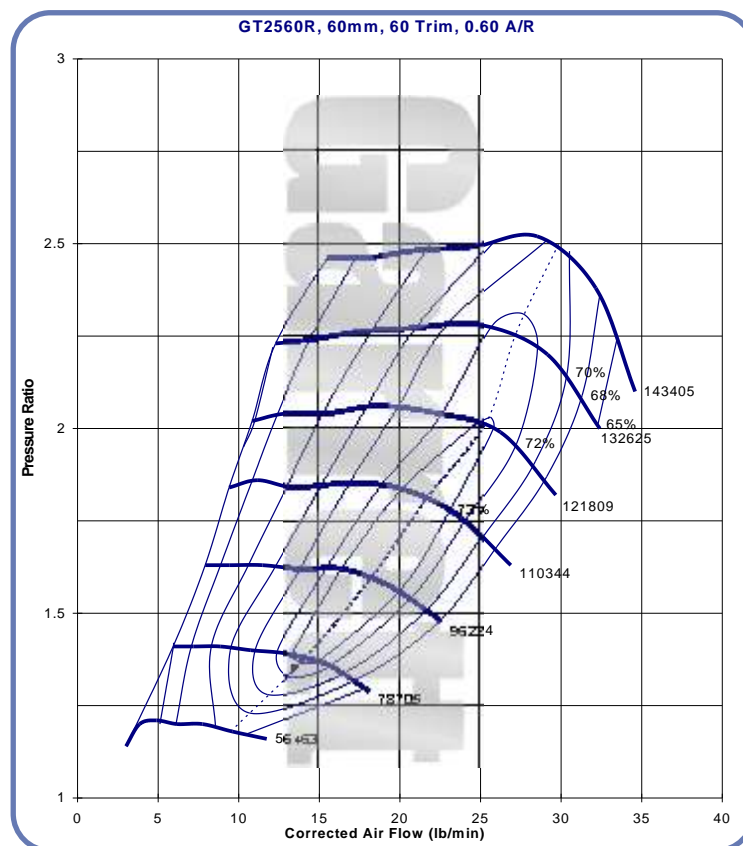
Oil & Water-cooled Bearing System

## Turbochargers &gt; GT25 Family &gt; GT2560R - 466541 - 1

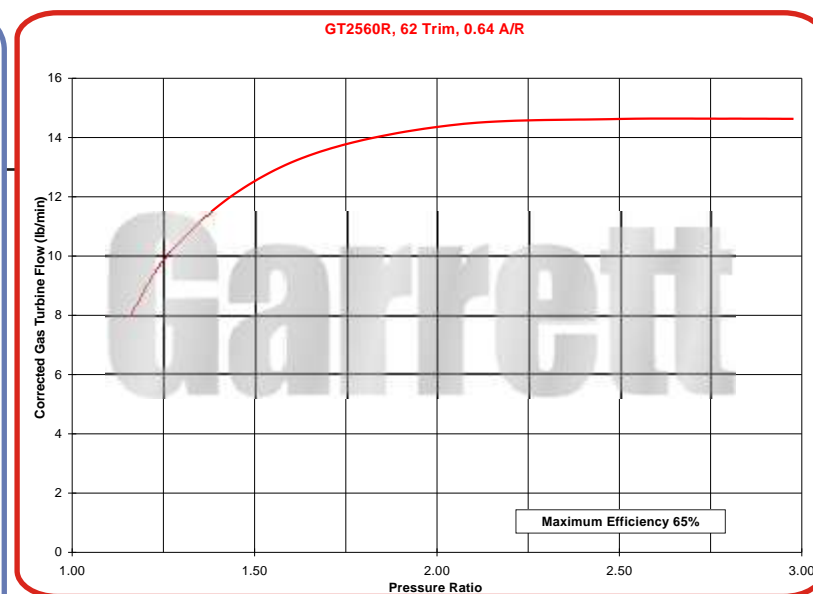
- \* Ball bearing
- \* Oil & Water-cooled bearing system
- \* Upgrade turbocharger for 471171-3 & -9; outline interchangeable except compressor inlet
- \* T25 turbine inlet flange
- \* Great size for applications w/ packaging constraints
- \* Ideal for smaller displacement engines making up to 280 hp



Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 200 - 280  
Displacement 1.6L - 2.5L

GT2560R		COMPRESSOR				TURBINE				Ball bearing
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type	
466541-1	446179-12	46.5mm	60.0mm	60	0.60	53.0mm	62	0.64	Wastegated	

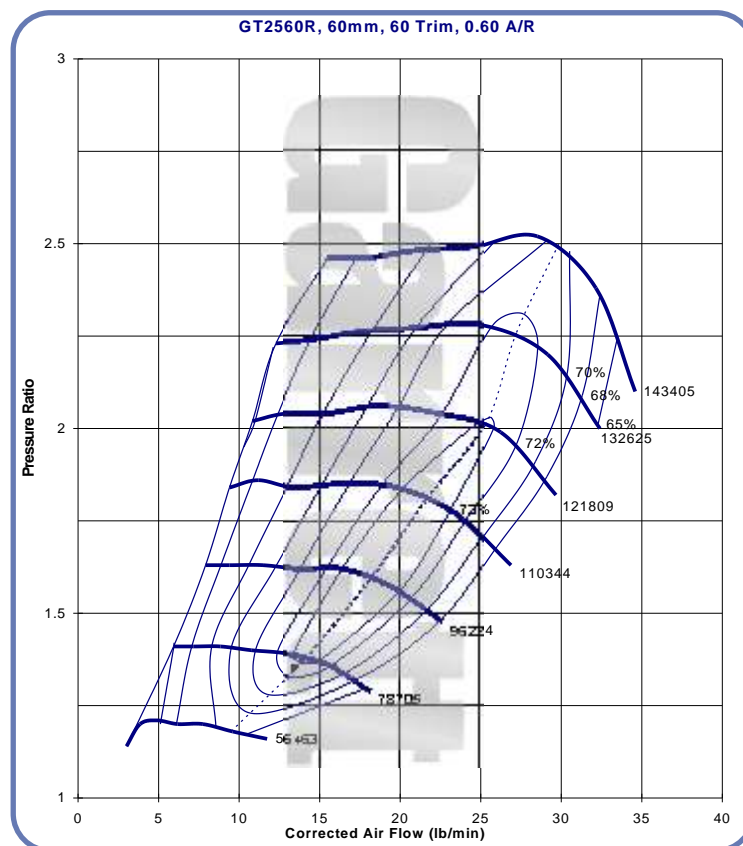
Oil & Water-cooled Bearing System

## Turbochargers &gt; GT25 Family &gt; GT2560R - 466541- 4

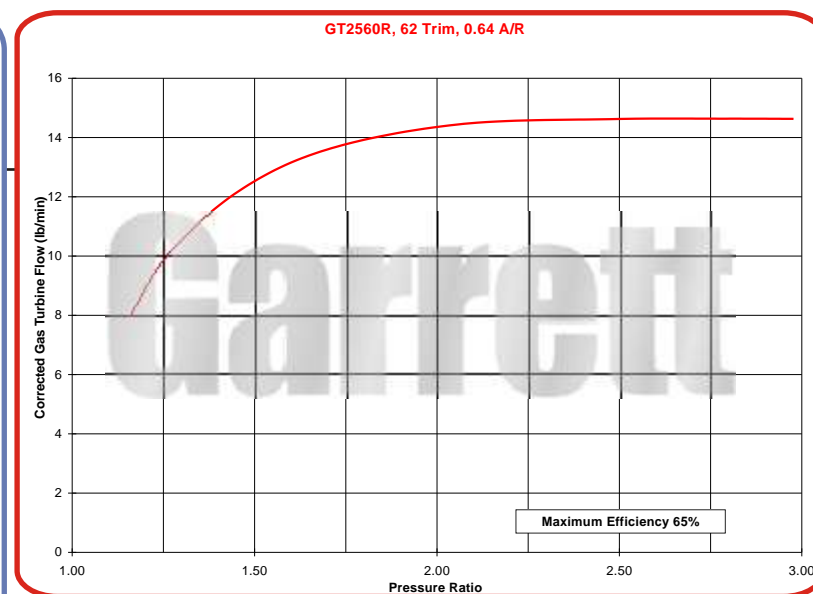
- \* Ball bearing
- \* Oil & Water-cooled bearing system
- \* Upgrade turbocharger for 471171-3 & -9; outline interchangeable except compressor inlet
- \* T25 turbine inlet flange
- \* Same as 466541-1 except turbine housing and turbine wheel material
- \* Turbine housing is cast from high-nickel "Ni-Resist" material for extreme applications
- \* Turbine wheel is cast from "Inconel" material for extreme applications
- \* Great size for applications w/ packaging constraints
- \* Ideal for smaller displacement engines making up to 280 hp



Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 200 - 280  
Displacement 1.6L - 2.5L

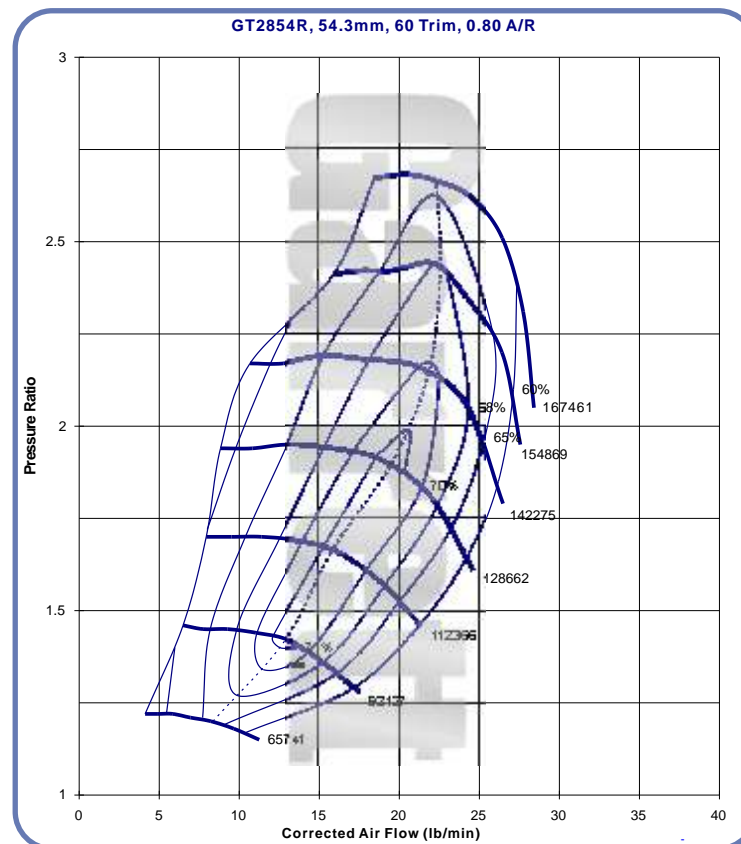
GT2560R		COMPRESSOR				TURBINE				Ball bearing
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type	
466541-4	446179-38	46.5mm	60.0mm	60	0.60	53.0mm	62	0.64	Wastegated	

Oil & Water-cooled Bearing System

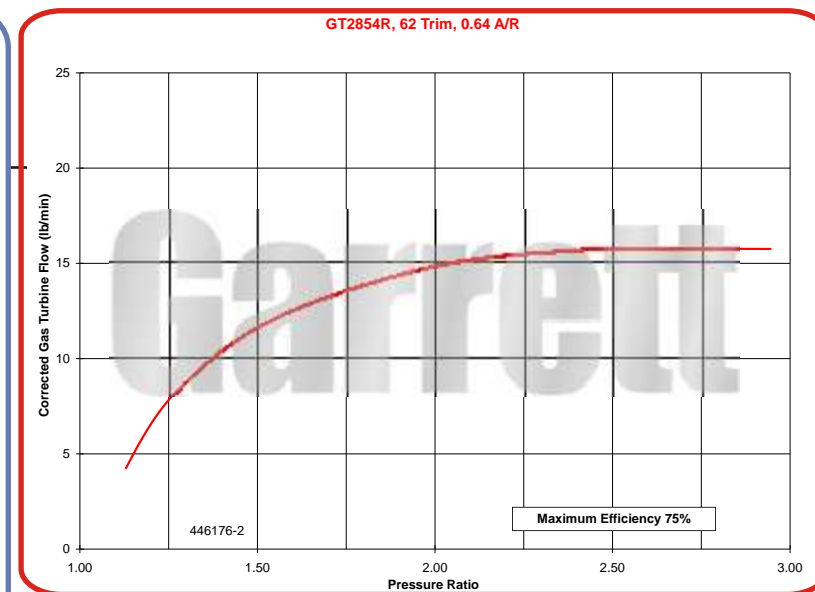


## Turbochargers &gt; GT28 Family &gt; GT2854R - 471171- 9

## Compressor Map



## Turbine Map



## POWERSHIFT

Displacement 1.4L - 2.2L



Ball bearing

GT2854R		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type
471171-9	446179-47	42.0mm	54.3mm	60	0.80	53.8mm	62	0.64	Wastegated

## TURBINE HOUSING OPTION

Part Number	Wh Dia	Trim	A/R	Type
430609-231	53.8mm	76	0.86	Wastegated

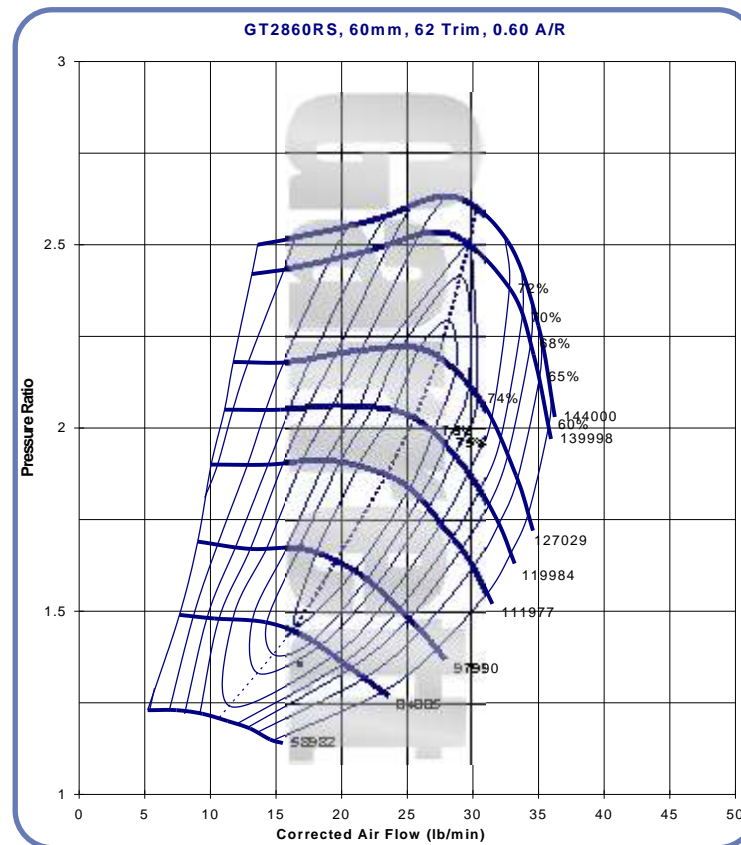
Oil &amp; Water-cooled Bearing System

## Turbochargers &gt; GT28 Family &gt; GT2860RS - 739548 - 1

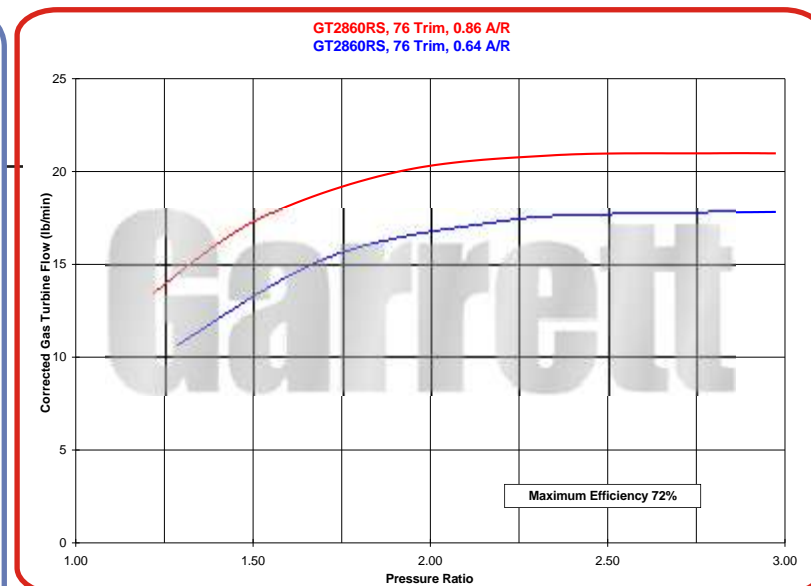
- \* Ball bearing
- \* Oil & Water-cooled bearing system
- \* Upgrade turbocharger for GT25R (471171-3) and GT28R (466541-1); turbine housing is outline interchangeable
- \* T25 turbine inlet flange
- \* Great size for applications w/ packaging constraints
- \* Ideal for smaller displacement engines making up to 320 hp
- \* Ideal for twin-turbo applications on medium size engines making up to 600 hp
- \* Turbine option available



Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 250 - 320  
Displacement 1.8L - 2.7L

GT2860RS - The Disco Potato		COMPRESSOR				TURBINE				Ball bearing
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type	
739548-1	446179-66	47.2mm	60.0mm	62	0.60	53.8mm	76	0.86	Wastegated	

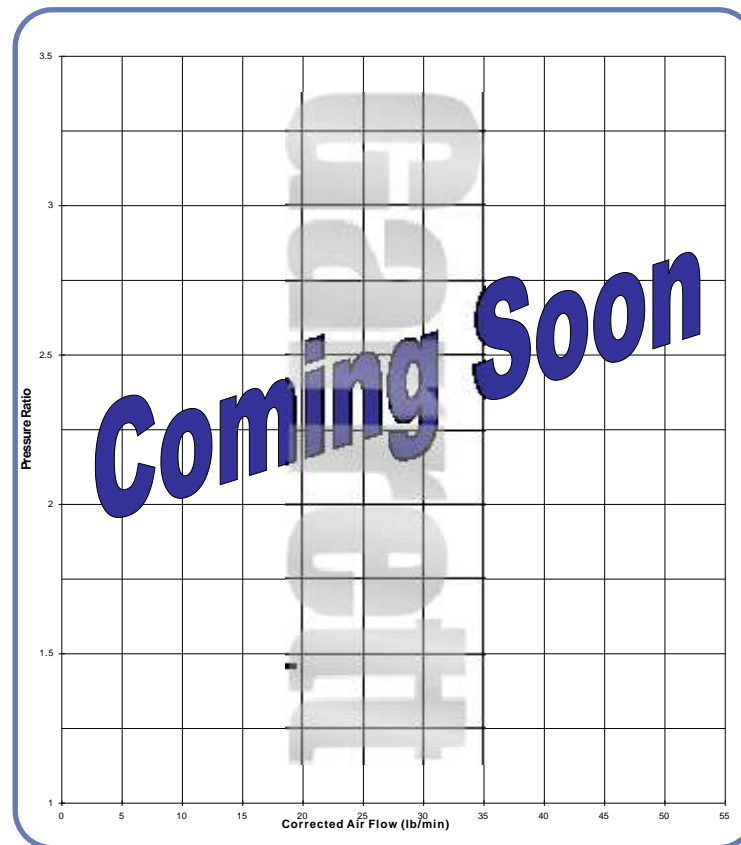
TURBINE HOUSING OPTION				
Part Number	Wh Dia	Trim	A/R	Type
430609-230	53.8mm	76	0.64	Wastegated

Oil & Water-cooled Bearing System



## Turbochargers &gt; GT28 Family &gt; GT2860R - 707160 - 5

Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 250 - 320  
Displacement 1.8L - 2.7L



Ball bearing

GT2860R		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type
707160-5	446179-51	47.2mm	60.0mm	62	0.60	53.8mm	76	0.64	Wastegated

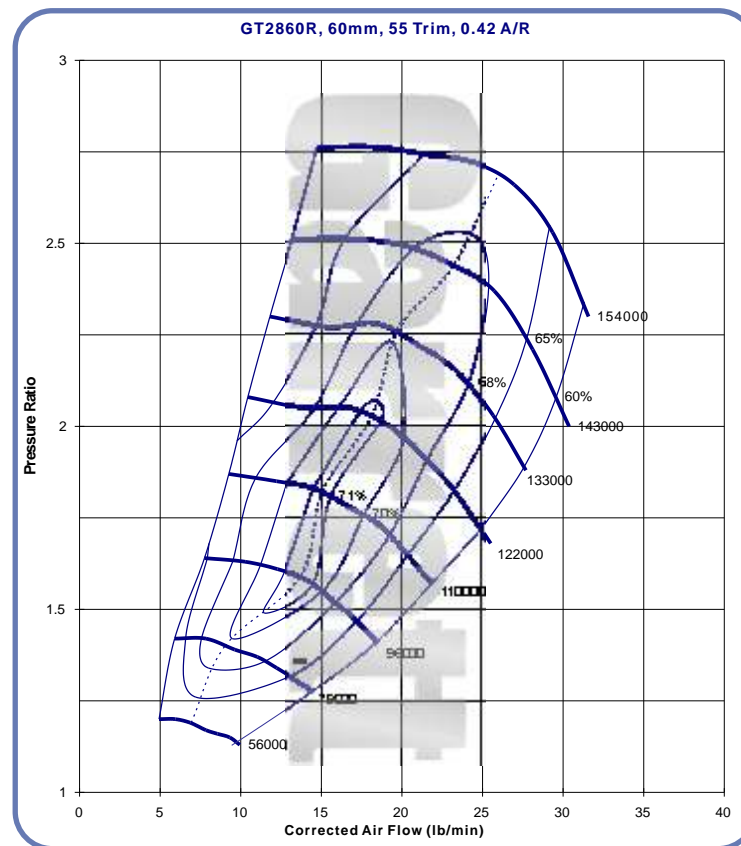
**TURBINE HOUSING OPTION**

Part Number	Wh Dia	Trim	A/R	Type
430609-230	53.8mm	76	0.64	Wastegated

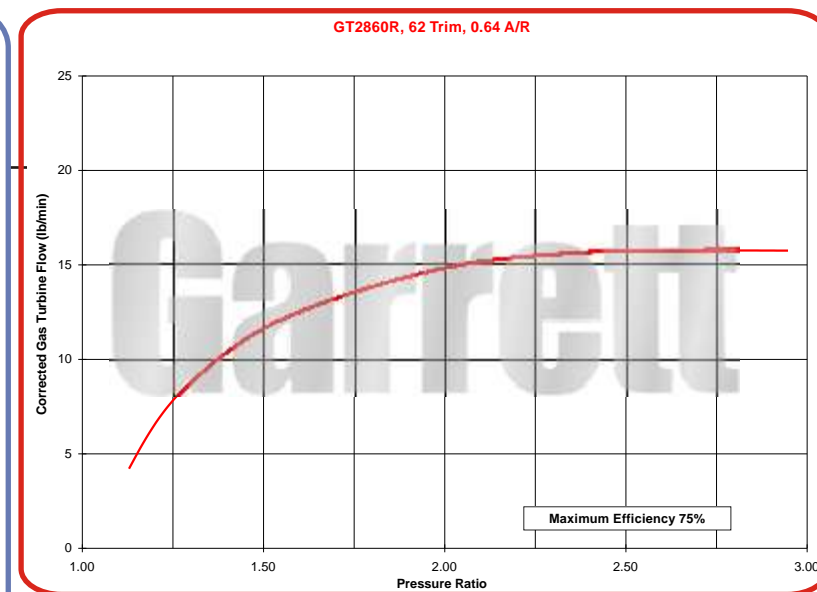
Oil &amp; Water-cooled Bearing System

## Turbochargers &gt; GT28 Family &gt; GT2860R - 707160 - 7

## Compressor Map



## Turbine Map



## POWERSHIFT

Horsepower 250 - 320  
Displacement 1.8L - 2.7L

- \* Ball bearing
- \* Oil & Water-cooled bearing system
- \* T25 turbine inlet flange
- \* Turbine housing has a unique "compact" 5-bolt outlet that is not interchangeable with traditional T25 5-bolt outlets
- \* Turbine housing is cast from high-nickel "Ni-Resist" material for extreme applications
- \* Turbine wheel is cast from "Inconel" material for extreme applications
- \* Great size for applications w/ packaging constraints
- \* Ideal for smaller displacement engines making up to 320 hp
- \* Ideal for twin-turbo applications on medium size engines making up to 600 hp
- \* Turbine housing option available



Ball bearing

GT2860R		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type
707160-7	446179-54	44.5mm	60.0mm	55	0.42	53.8mm	62	0.64	Wastegated

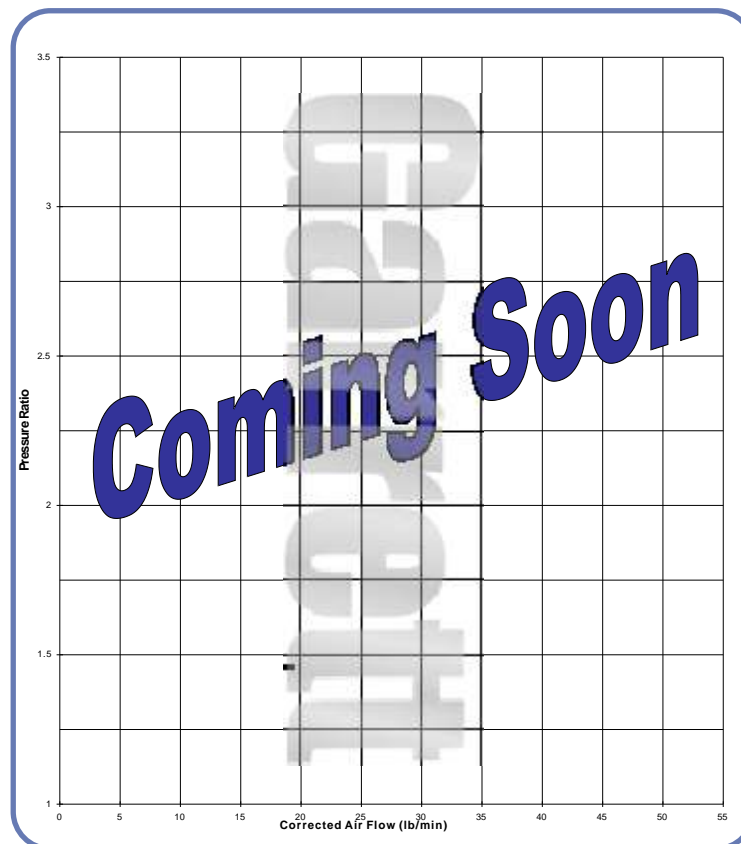
Oil &amp; Water-cooled Bearing System

Turbochargers &gt; GT28 Family &gt; GT2860 - 705329 - 2

- \* Journal bearing
- \* Oil & Water-cooled bearing system
- \* Upgrade for 466491-5 (M/T) & -6 (A/T) - '93-'99 MITSUBISHI Eclipse
- \* T25 turbine inlet flange
- \* Unique turbine housing outlet flange for MITSUBISHI Eclipse
- \* Unique compress housing outlet for MITSUBISHI Eclipse

Image Coming Soon

Compressor Map



Turbine Map

**POWERSHIFT**

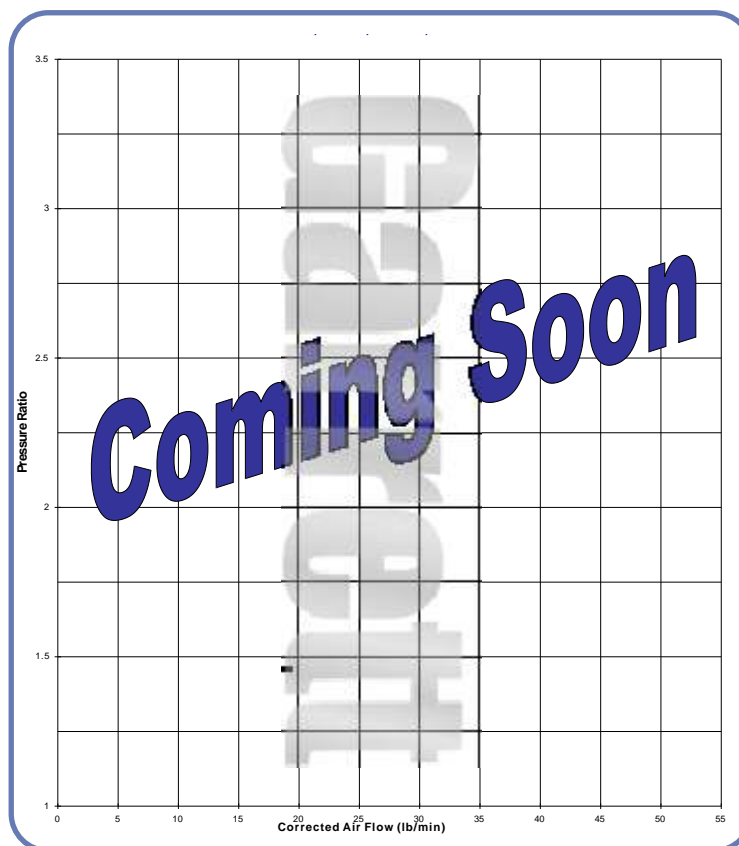
Horsepower 250 - 320  
Displacement 1.8L - 2.7L

GT2860		COMPRESSOR				TURBINE				Journal bearing
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type	
705329-2	431876-126	47.6mm	60.0mm	63	0.48	53.8mm	76	0.49	Wastegated	

Oil &amp; Water-cooled Bearing System

## Turbochargers &gt; GT28 Family &gt; GT2871R - 472560 - 15

Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 250 - 385  
Displacement 1.8L - 2.7L

Image Coming Soon

- \* Ball bearing
- \* Oil & Water-cooled bearing system
- \* Upgrade turbocharger for GT28RS (739548-1); turbine stage outline interchangeable
- \* Provides better boost response than the 743347-1 & -2 turbochargers
- \* T25 turbine inlet flange
- \* Great size for applications w/ packaging constraints
- \* Ideal for smaller displacement engines making up to 385 hp
- \* Ideal for twin-turbo applications on medium size engines making up to 720 hp
- \* Turbine housing option available

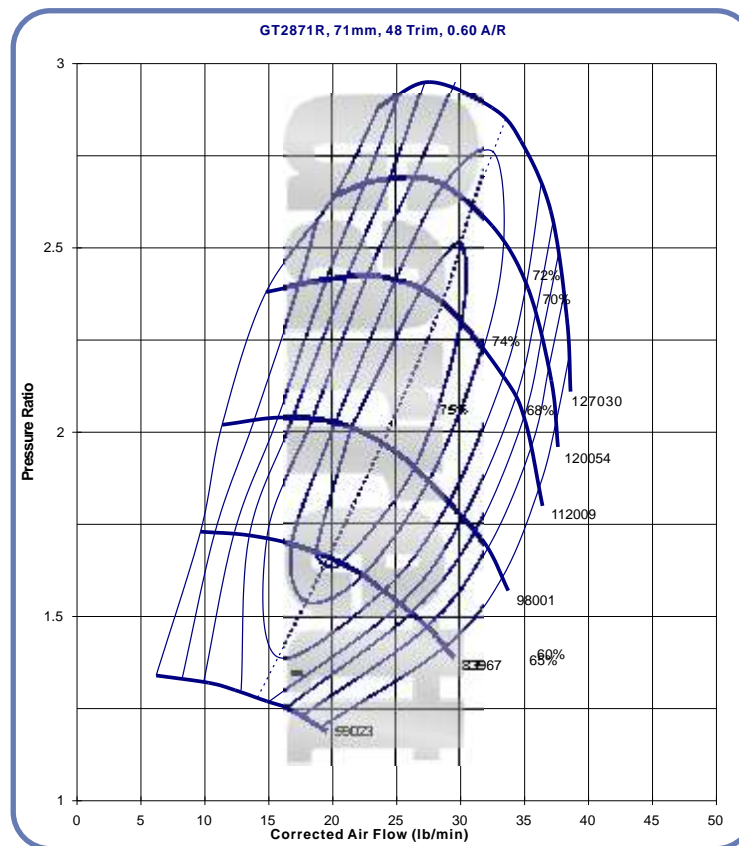
GT2871R		COMPRESSOR				TURBINE			Ball bearing
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type
472560-15	446179-67	51.2mm	71.0mm	52	0.60	53.8mm	76	0.64	Wastegated

TURBINE HOUSING OPTION				
Part Number	Wh Dia	Trim	A/R	Type
430609-231	53.8mm	76	0.86	Wastegated

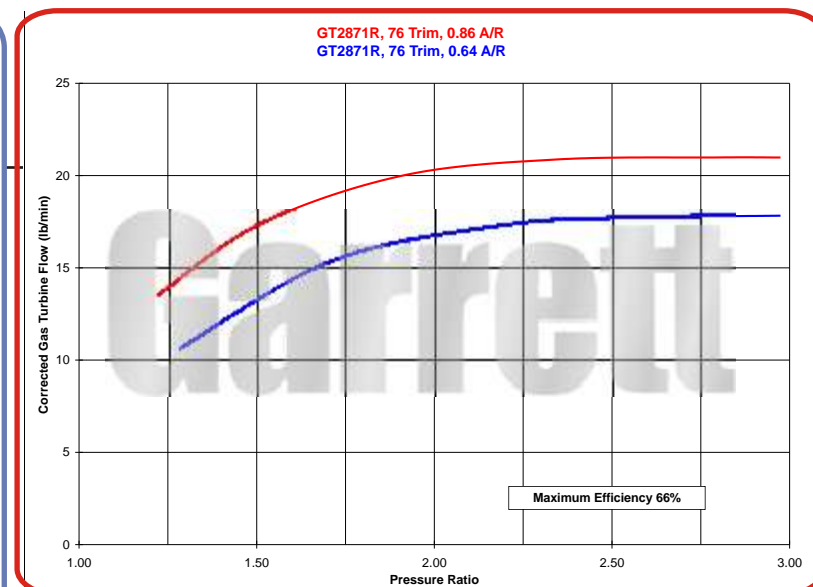
Oil &amp; Water-cooled Bearing System

## Turbochargers &gt; GT28 Family &gt; GT2871R - 743347- 1

Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 250 - 385  
Displacement 1.8L - 3.0L

Image Coming Soon

Ball bearing

GT2871R		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type
743347-1	446179-31	49.2mm	71.0mm	48	0.60	53.8mm	76	0.86	Wastegated

**TURBINE HOUSING OPTION**

Part Number	Wh Dia	Trim	A/R	Type
430609-230	53.8mm	76	0.64	Wastegated

Oil &amp; Water-cooled Bearing System

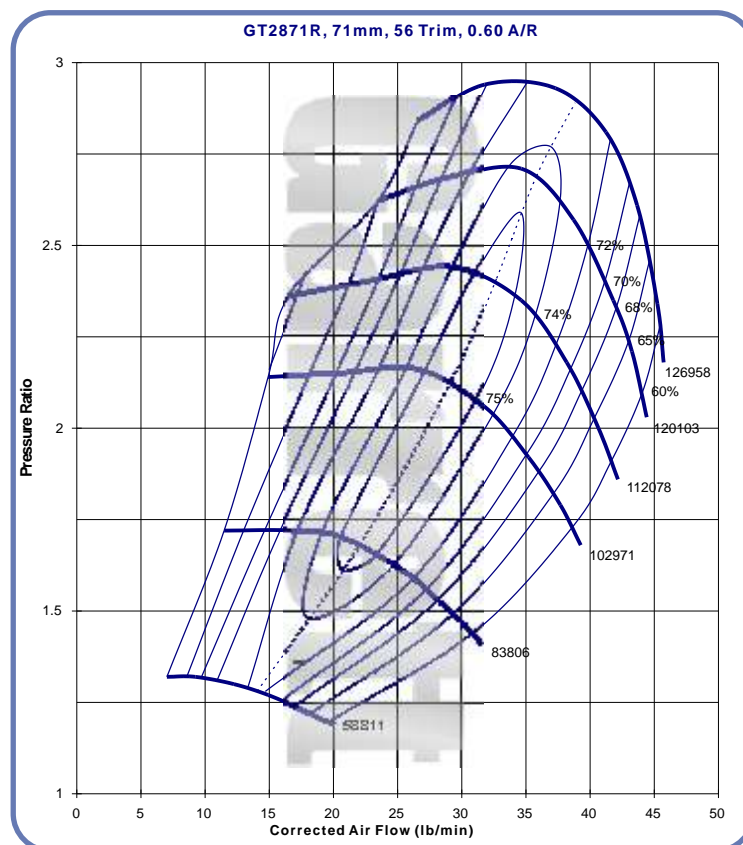


## Turbochargers &gt; GT28 Family &gt; GT2871R - 743347- 2

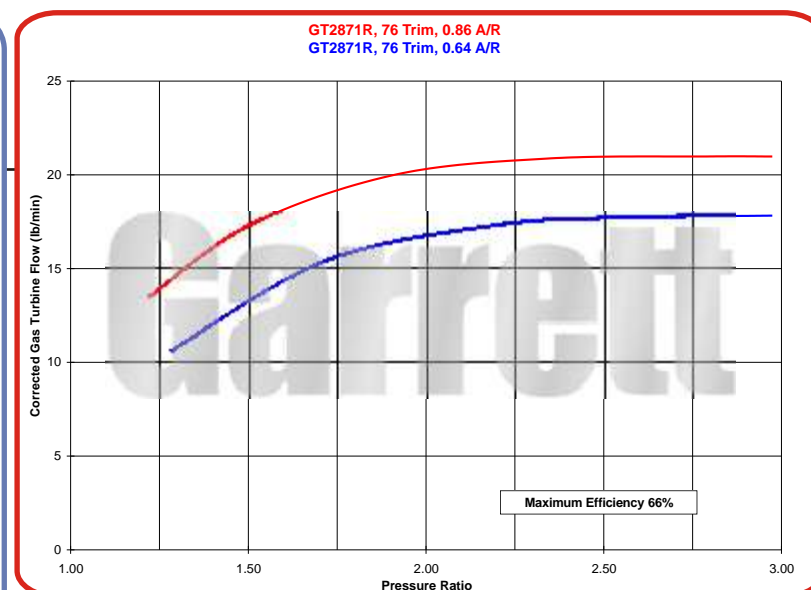
- \* Ball bearing
- \* Oil & Water-cooled bearing system
- \* Upgrade turbocharger for GT28RS (739548-1); turbine stage outline interchangeable
- \* T25 turbine inlet flange
- \* Great size for applications w/ packaging constraints
- \* Ideal for smaller displacement engines making up to 450 hp
- \* Ideal for twin-turbo applications on medium size engines making up to 800 hp
- \* Turbine option available
- \* Compressor housing kit options available

Image Coming Soon

## Compressor Map



## Turbine Map



## POWERSHIFT

Horsepower 300 - 450  
Displacement 1.8L - 3.0L

Ball bearing

GT2871R		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type
743347-2	446179-32	53.1mm	71.0mm	56	0.60	53.8mm	76	0.86	Wastegated

## TURBINE HOUSING OPTION

Part Number	Wh Dia	Trim	A/R	Type
430609-230	53.8mm	76	0.64	Wastegated

## COMPRESSOR HOUSING KITS

Part Number	Dim A	Dim B	A/R	Type
756021-1	2.75	3.58	0.50	n/a
756021-2	4.00	4.49	0.50	n/a

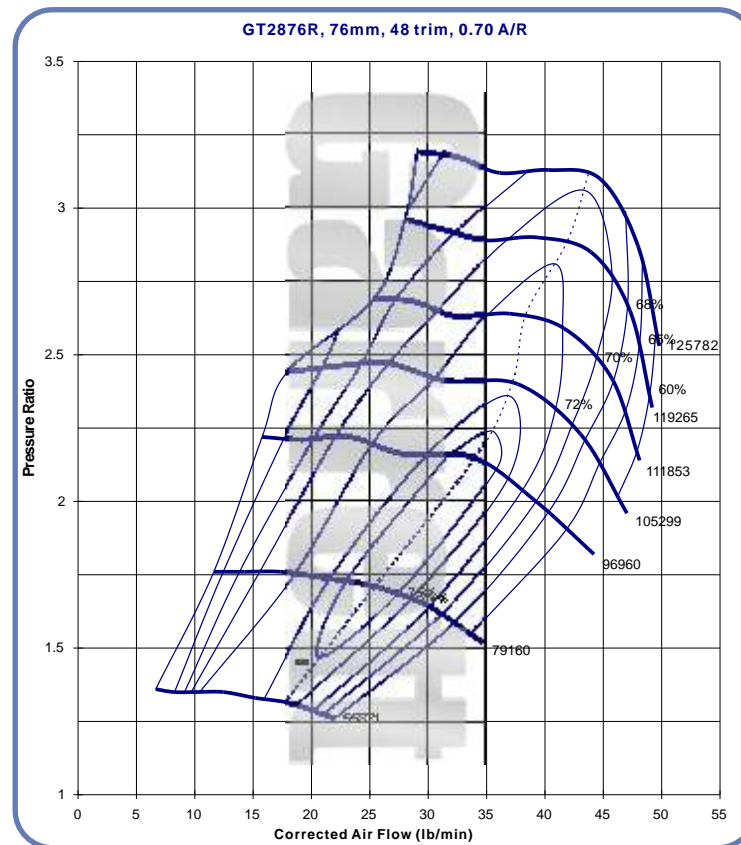
Oil &amp; Water-cooled Bearing System

## Turbochargers &gt; GT28 Family &gt; GT2876R - 705330 - 1

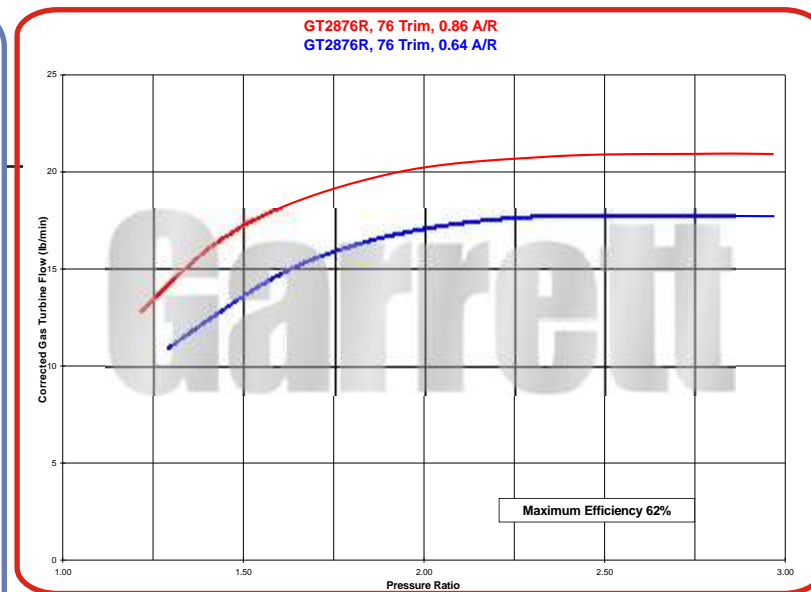
- \* Ball bearing
- \* Oil & Water-cooled bearing system
- \* Best suited for unique applications such as asymmetric turbo installations
- \* Not recommended for general performance applications
- \* T25 turbine inlet flange
- \* Turbine housing option available



Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 250 - 350  
Displacement 1.8L - 2.7L

GT2876R		COMPRESSOR				TURBINE			
Turbo	CHRA	Ind	Wh Dia	Trim	A/R	Wh Dia	Trim	A/R	Type
			Exd						
705330-1	446179-18	52.7mm	76.0mm	48	0.70	53.8mm	76	0.64	Wastegated

**TURBINE HOUSING OPTION**

Part Number	Wh Dia	Trim	A/R	Type
430609-231	53.8mm	76	0.86	Wastegated

Oil & Water-cooled Bearing System

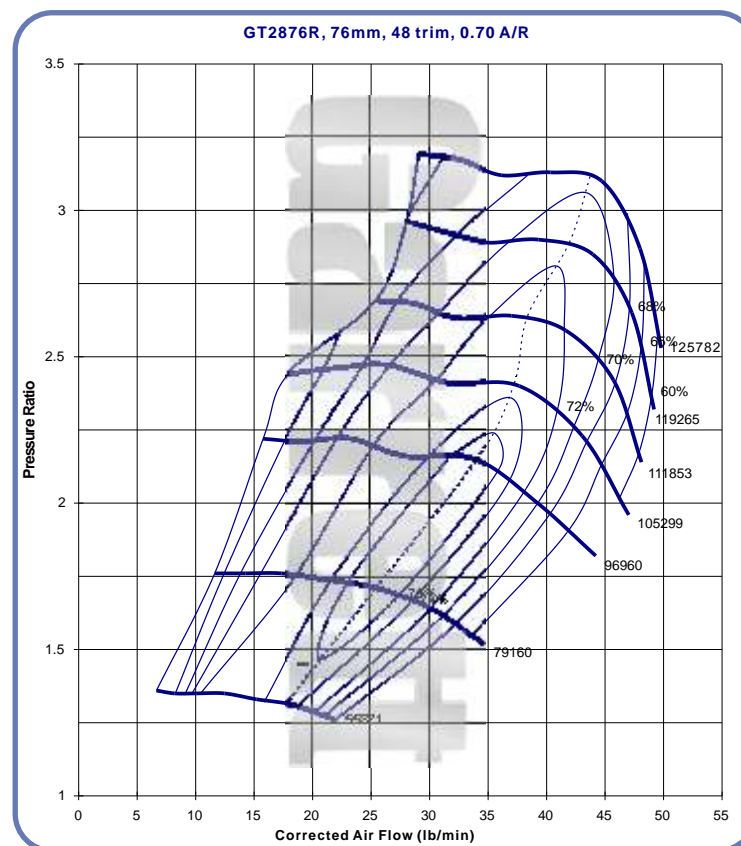


## Turbochargers &gt; GT28 Family &gt; GT2876R - 705330- 2

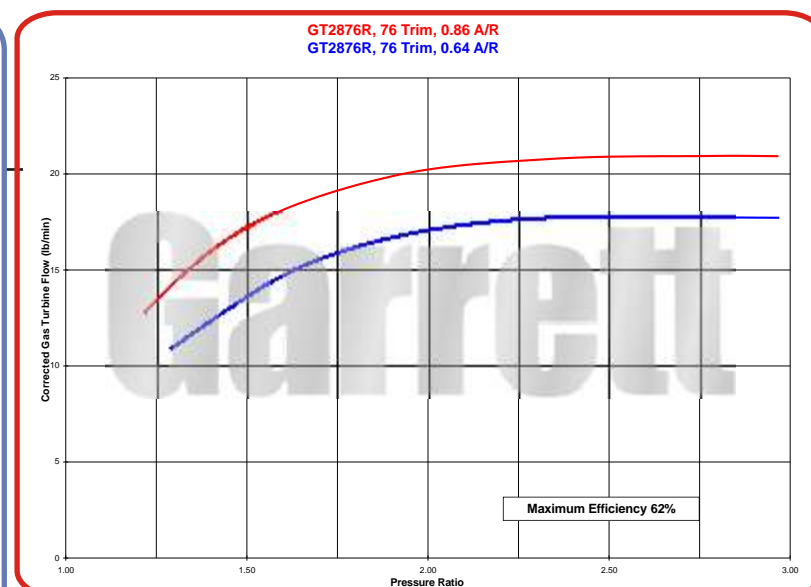
- \* Ball bearing
- \* Oil & Water-cooled bearing system
- \* Best suited for unique applications such as asymmetric turbo installations
- \* Not recommended for general performance applications
- \* Same as 705330-1 except larger 0.86 A/R turbine housing
- \* T25 turbine inlet flange
- \* Turbine housing option available



Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 250 - 350  
Displacement 1.8L - 2.7L

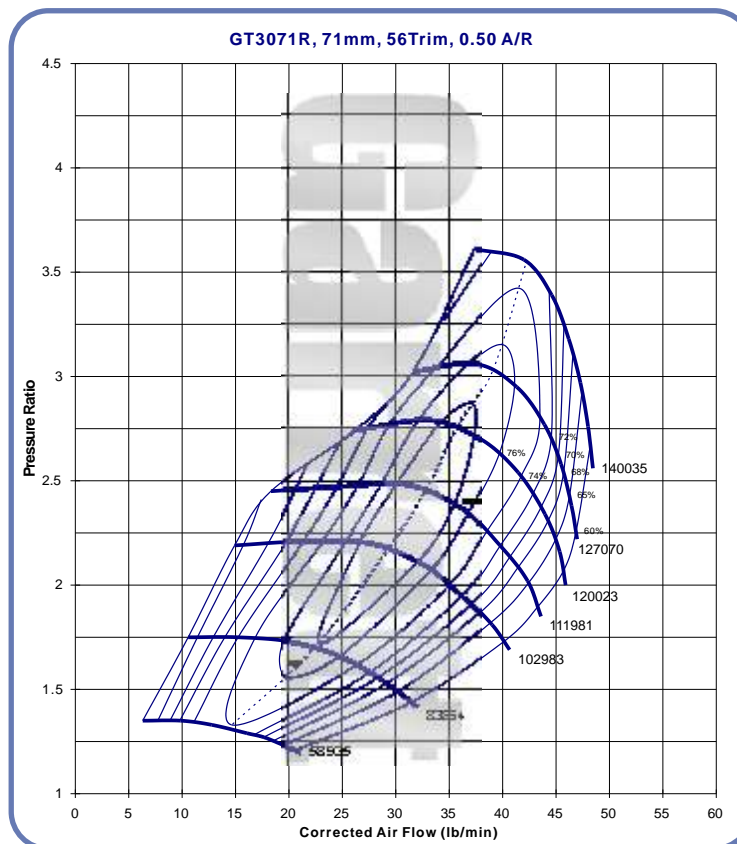
GT2876R		COMPRESSOR				TURBINE				Ball bearing
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type	
705330-2	446179-18	52.7mm	76.0mm	48	0.70	53.8mm	76	0.86	Wastegated	

TURBINE HOUSING OPTION				
Part Number	Wh Dia	Trim	A/R	Type
430609-230	53.8mm	76	0.64	Wastegated

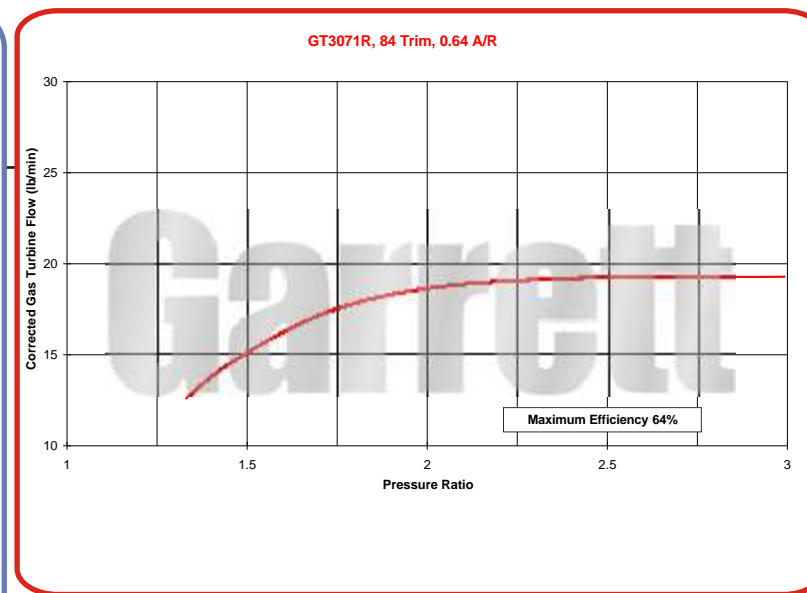
Oil & Water-cooled Bearing System

## Turbochargers &gt; GT30 Family &gt; GT3071R - 700382- 3

## Compressor Map



## Turbine Map

**POWERSHIFT**

Horsepower 300 - 460  
Displacement 1.8L - 3.0L

- \* Ball bearing
- \* Oil & Water-cooled bearing system
- \* These wastegated versions of the GT3071R use specially-modified GT30 turbine wheels for use in the T25-style turbine housing
- \* The GT3071R wastegated units are the highest-flowing ball-bearing turbochargers in our range employing the "T25"-style wastegated turbine housing
- \* Actuator not provided
- \* Turbine stage is outline interchangeable with GT2554R (471171-3), GT2560R (466541-1), GT2860RS (739548-1)
- \* Excellent for applications w/ packaging constraints
- \* Compressor housing kit option available

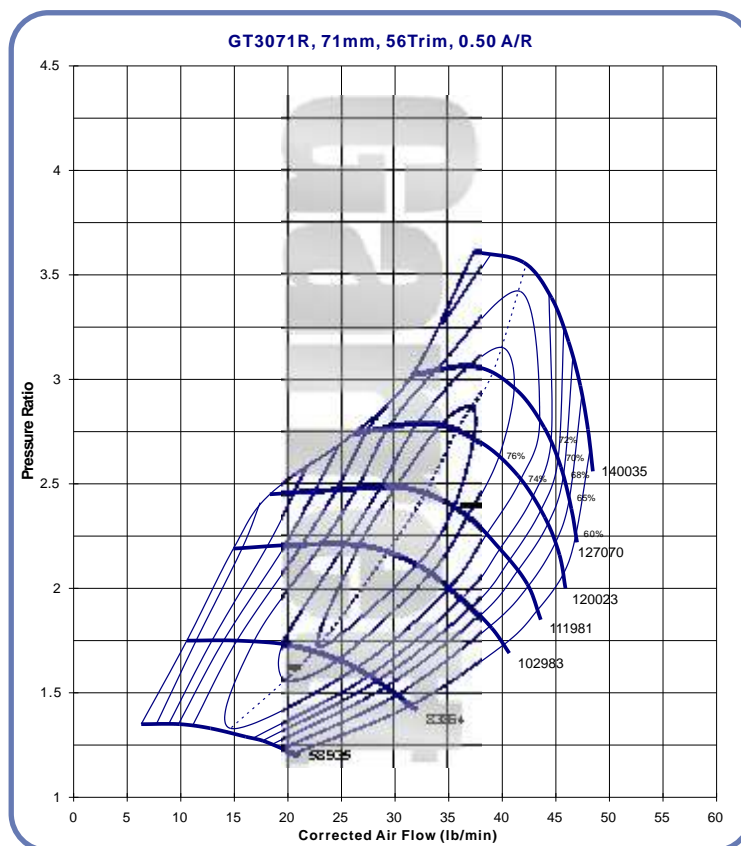
Image Coming Soon

GT3071R		COMPRESSOR				TURBINE			Ball bearing
Turbo	CHRA	Wh Dia Ind	Trim Exd	A/R		Wh Dia	Trim	A/R	Type
700382-3	700177-3	53.1mm	71.0mm	56	0.50	56.5mm	84	0.64	Wastegated

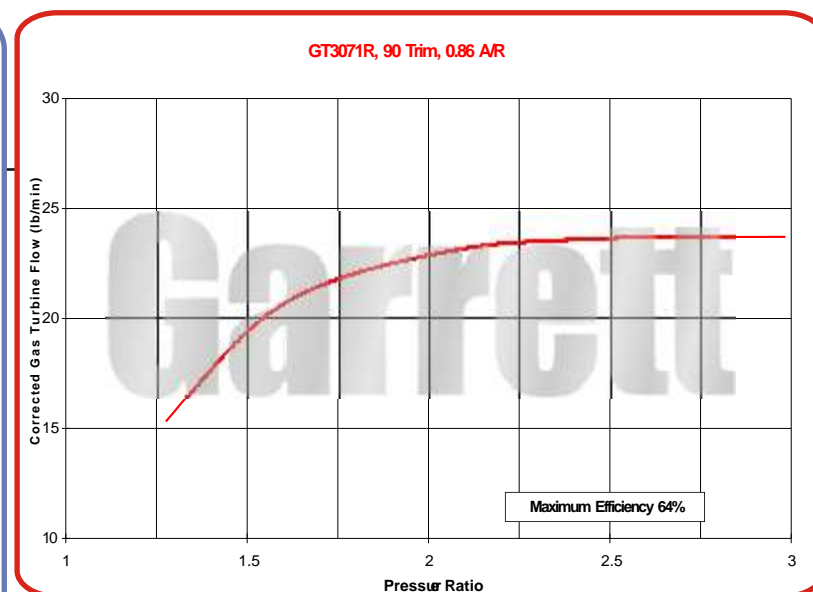
COMPRESSOR HOUSING KIT OPTIONS				
Part Number	Wh Dia	Trim	A/R	Type
756021-2	4.00	4.49	0.50	n/a

Oil &amp; Water-cooled Bearing System

## Compressor Map



## Turbine Map

**POWERSHIFT**

Horsepower 300 - 460  
Displacement 1.8L - 3.0L

- \* Ball bearing
- \* Oil & Water-cooled bearing system
- \* The GT3071R wastegated units are the highest-flowing ball-bearing turbocharger in our range employing the "T25"-style wastegated turbine housing
- \* Actuator not provided
- \* Turbine stage is outline interchangeable with GT2554R (471171-3), GT2560R (466541-1), GT2860RS (739548-1)
- \* Excellent for applications w/ packaging constraints
- \* Ideal for single turbo applications making up to 460 hp or twin-turbo applications up to 900 hp
- \* Compressor housing kit options available

Image Coming Soon

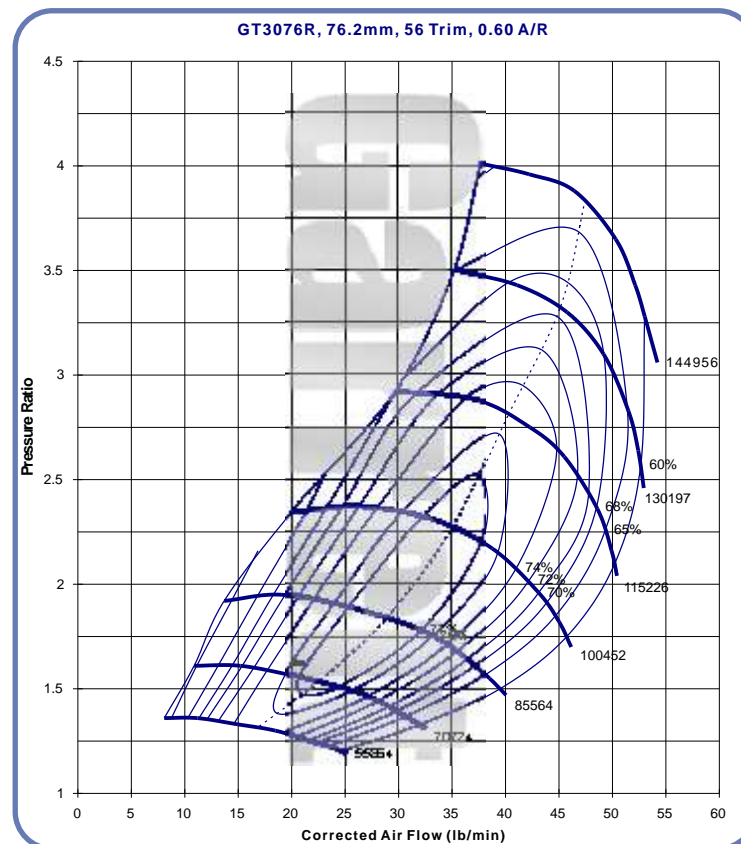
GT3071R		COMPRESSOR				TURBINE				Ball bearing
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type	
700382-20	700177-4	53.1mm	71.0mm	56	0.50	56.5mm	90	0.86	Wastegated	

COMPRESSOR HOUSING KIT OPTIONS				
Part Number	Wh Dia	Trim	A/R	Type
756021-1	2.75	3.58	0.50	n/a

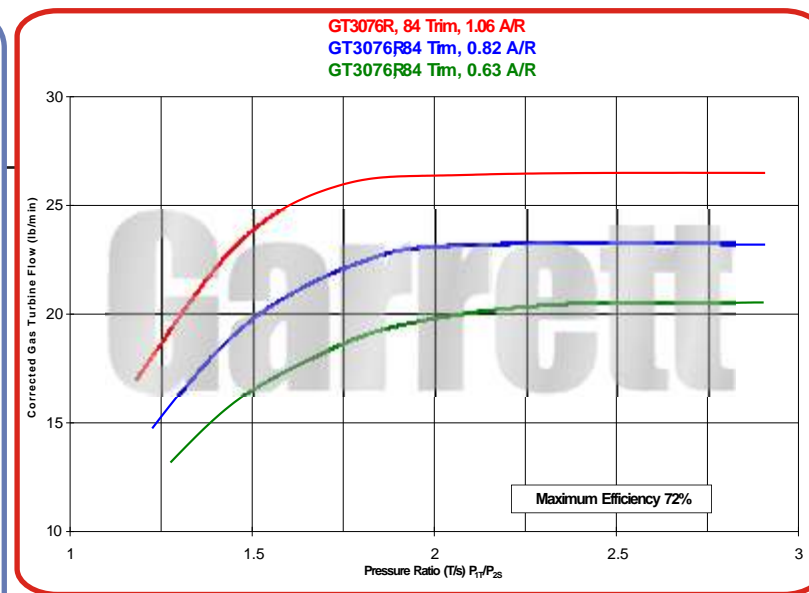
Oil &amp; Water-cooled Bearing System

## Turbochargers &gt; GT30 Family &gt; GT3076R - 700382 - 12

Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 350 - 500  
Displacement 2.0L - 3.0L



Ball bearing

GT3076R		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia	Trim	A/R	Type	Wh Dia	Trim	A/R	Type
		Ind	Exd						
700382-12	700177-7	57.0mm	76.2mm	56	0.60	60mm	84	see below	see below

The 700382-12 GT30R is a customizable Garrett ball bearing GT turbo that is packaged without the turbine housing. (It includes a CHRA and compressor housing.) Either 740902-1, 740902-2, or 740902-3 turbine housing kits are available.

The turbine housing kits include turbine housing, clamps, bolts, and turbine inlet gasket. The housing is designed with T3 inlet flanges and a 4 bolt outlet.

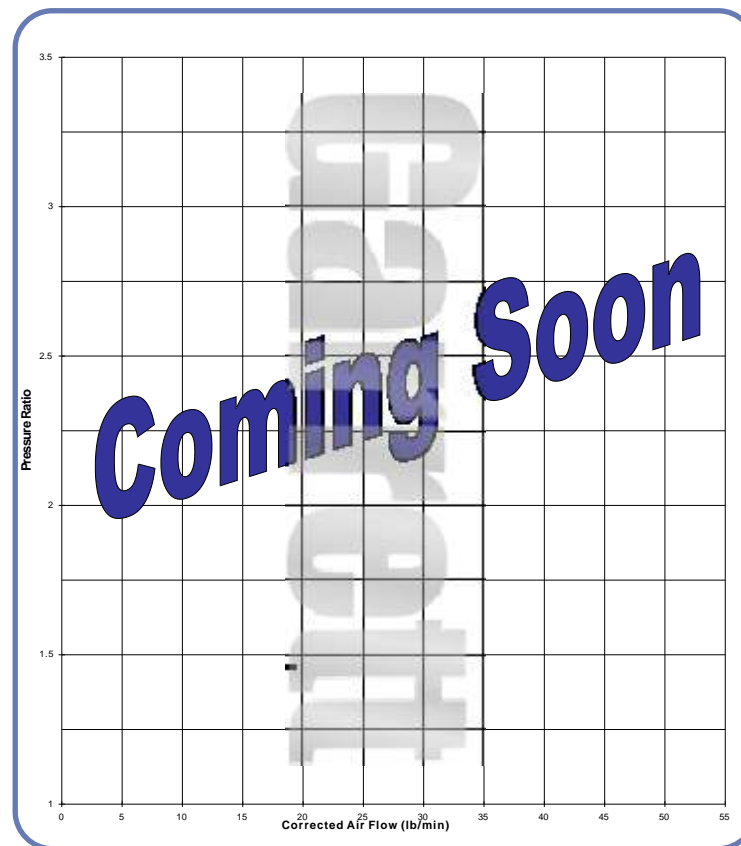
## COMPRESSOR HOUSING KITS

Part Number	Wh Dia	Trim	A/R	Type
740902-1	-	-	1.06	Free Float
740902-2	-	-	0.82	Free Float
740902-3	-	-	0.63	Free Float

Oil &amp; Water-cooled Bearing System

## Turbochargers &gt; GT32 Family &gt; GT3267 - 452233 - 5

Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 200 - 400  
Displacement 2.0L - 2.7L

**Journal bearing**

GT3267		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type
452233-5	436058-6	48.3mm	67.0mm	52	0.48	64.0mm	70	0.69	Wastegated

**Oil-cooled Bearing System**

- \* Journal bearing
- \* Oil-cooled bearing system
- \* Wastegated turbine housing
- \* Complete with actuator
- \* T3 divided flange

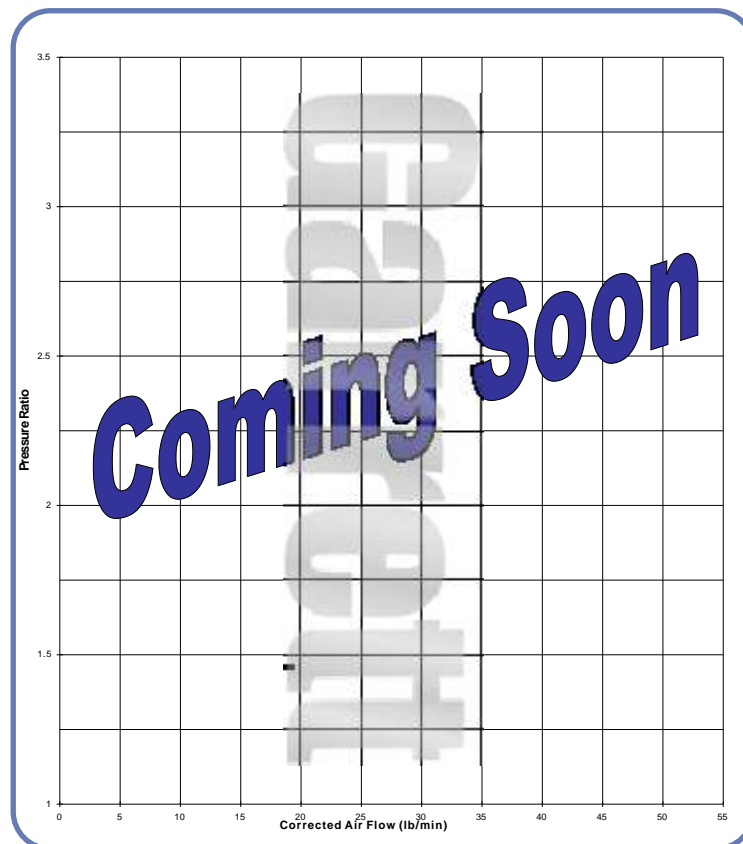


Turbochargers > GT32 Family > GT3267 - 452234 - 2

- \* Journal bearing
- \* Oil-cooled bearing system
- \* T3 divided flange



Compressor Map



Turbine Map



### POWERSHIFT

Horsepower 200 - 400  
Displacement 2.0L - 2.7L

### Journal bearing

GT3267		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type
452234-2	436058-4	46.4mm	67.0mm	48	0.48	64.0mm	73	0.78	Free Float

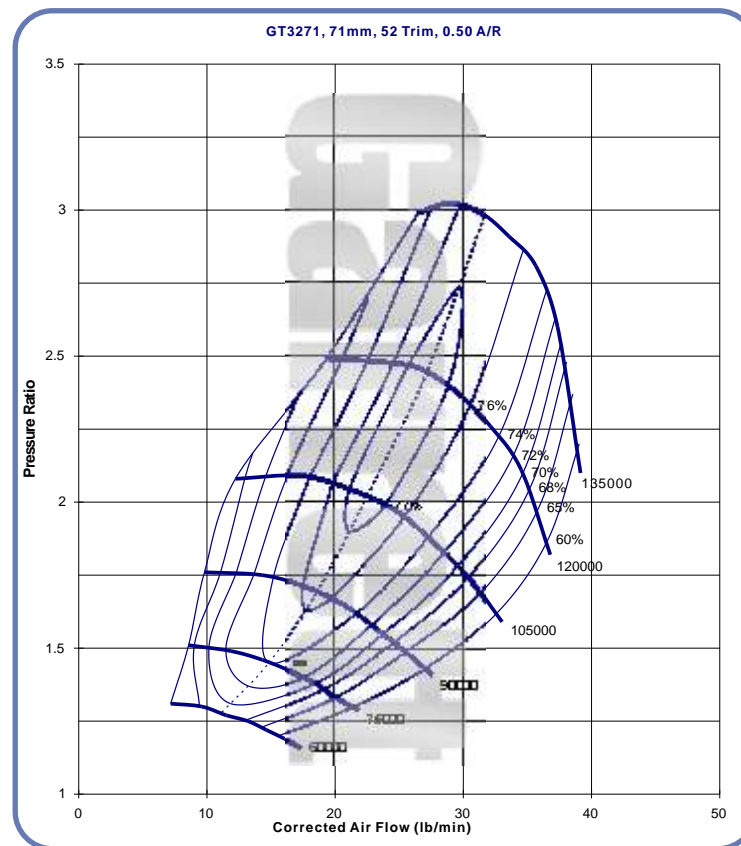
Oil-cooled Bearing System

## Turbochargers &gt; GT32 Family &gt; GT3271 - 452203 - 1

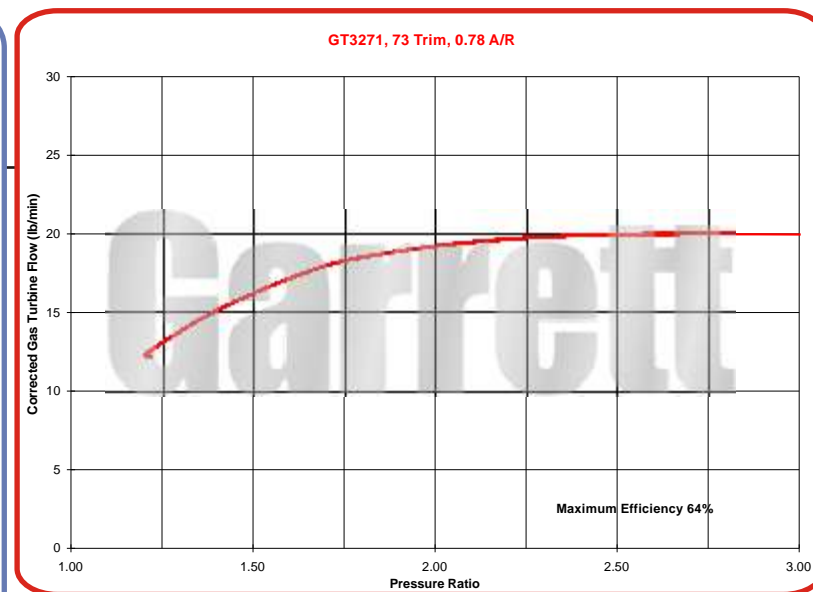
- \* Journal bearing
- \* Oil-cooled bearing system
- \* Supports up to 420 horsepower
- \* Wastegated and free-float turbine housing option available
- \* T3 turbine inlet flange



Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 200 - 420  
Displacement 2.0L - 2.7L

GT3271		COMPRESSOR				TURBINE				Journal bearing
Turbo	CHRA	Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type	
452203-1	436058-3	-	71.0mm	52	0.5	64.0mm	73	0.78	Wastegated	

**TURBINE HOUSING OPTIONS**

Part Number	Wh Dia	Trim	A/R	Type
451225-26	64.0mm	73	0.78	Free Float
435066-32	64.0mm	73	0.69	Wastegated

Oil-cooled Bearing System

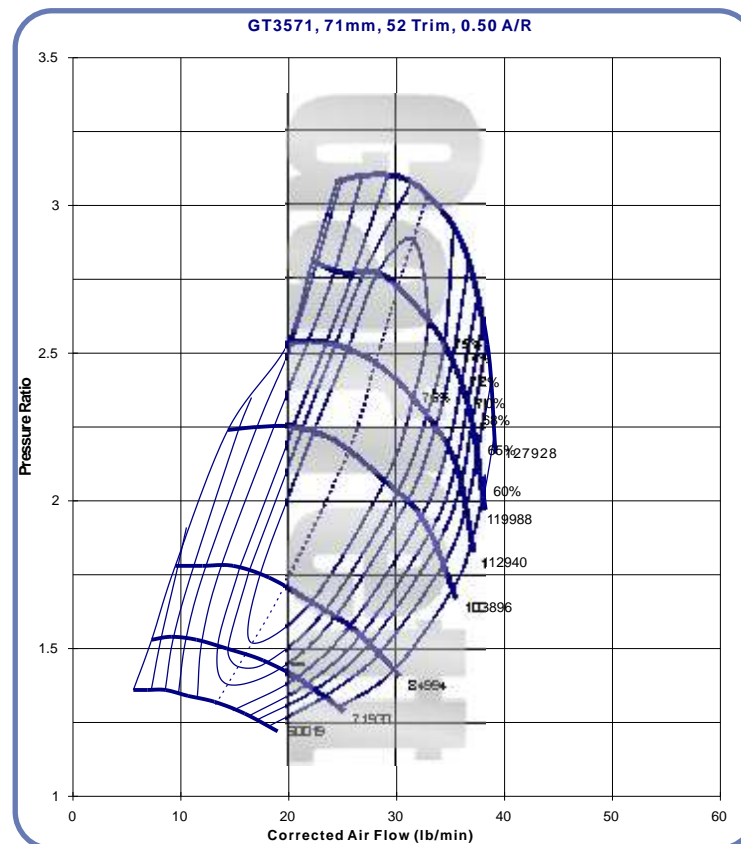


## Turbochargers &gt; GT35 Family &gt; GT3571 - 731413 - 1

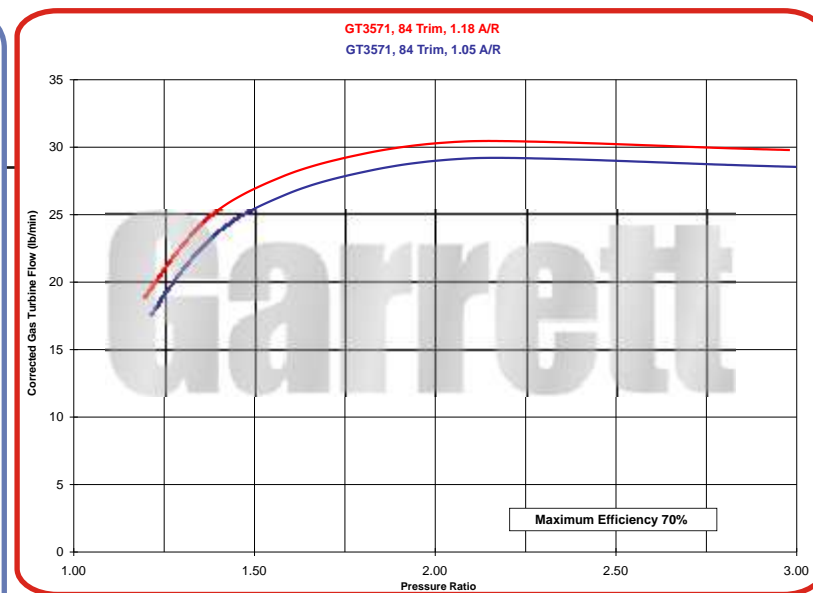
- \* Journal bearing
- \* Oil-cooled bearing system
- \* Ideal for medium displacement engines making up to 510 hp
- \* Unique turbine inlet flange
- \* V-band turbine outlet flange
- \* Compressor option available
- \* Turbine option available



Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 260 - 510  
Displacement 2.5L - 3.2L

## Journal bearing

GT3571		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type
731413-1	436058-11	51.2mm	71.0mm	52	0.50	68.0mm	84	1.18	Free Float

## COMPRESSOR HOUSING KIT OPTIONS

Part Number	Wh Dia		Trim	A/R
	Ind	Exd		
731428-1	54.8mm	76.0mm	52.00	0.50

## TURBINE HOUSING OPTION

Part Number	Wh Dia	Trim	A/R	Type
714690-13	-	-	1.05	Free Float

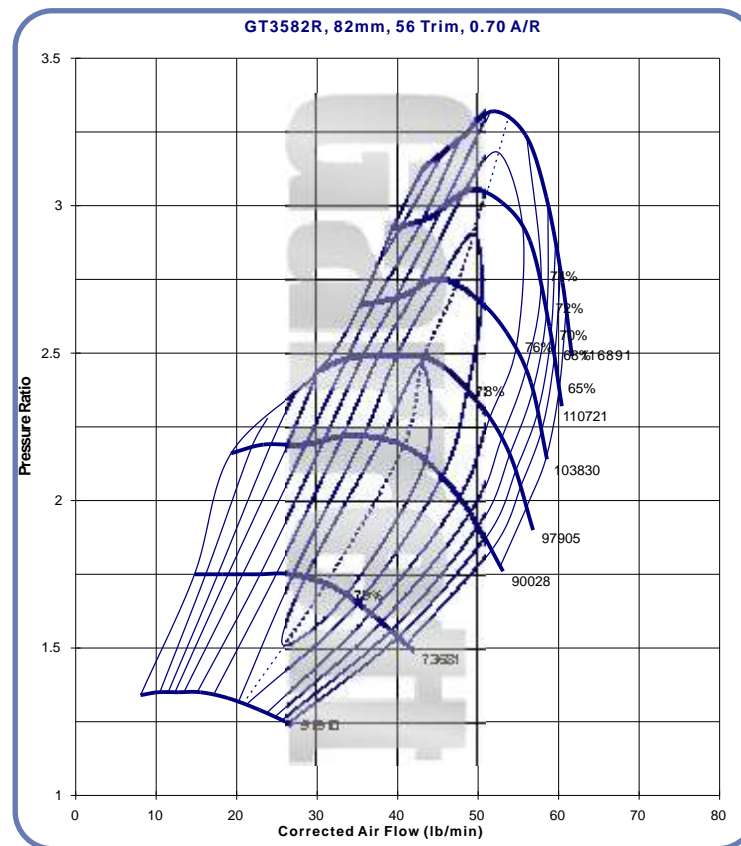
## Oil-cooled Bearing System

## Turbochargers &gt; GT35 Family &gt; GT3582R - 714568 - 1

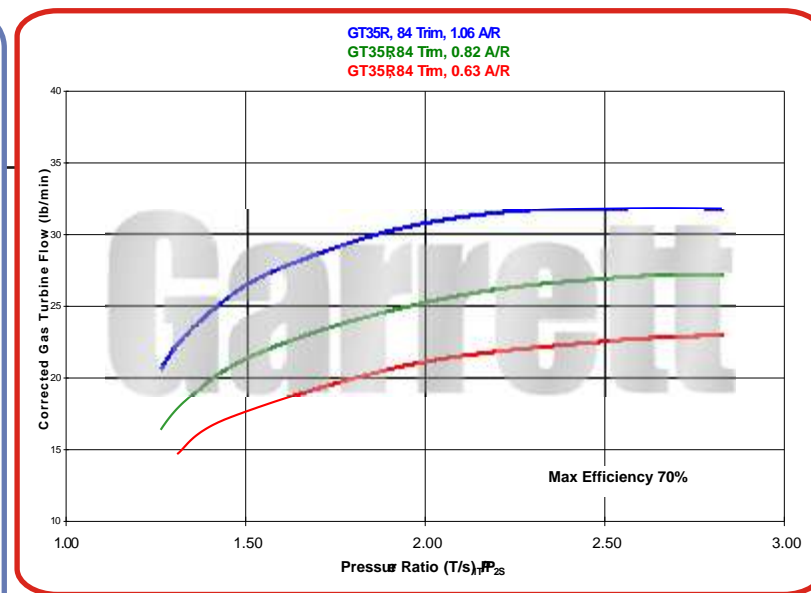
- \* Ball bearing
- \* Oil & Water-cooled bearing system
- \* High Performance BCI-18 Compressor and UHP Turbine
- \* Perfect for high horsepower, but responsive engines
- \* Works well as twins for large V-8 engines
- \* T3 turbine inlet flange and 4-bolt turbine outlet flange
- \* Turbine housing is cast from high-nickel "Ni-Resist" material for extreme applications

Image Coming Soon

Compressor Map



Turbine Map

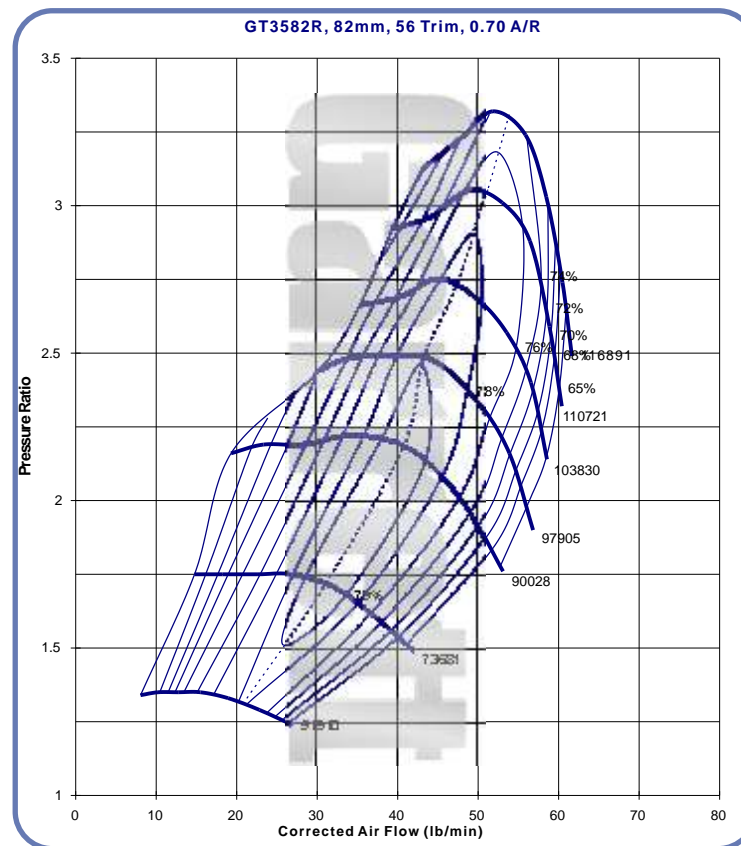
**POWERSHIFT**

Horsepower 400 - 600  
Displacement 2.0L - 4.5L

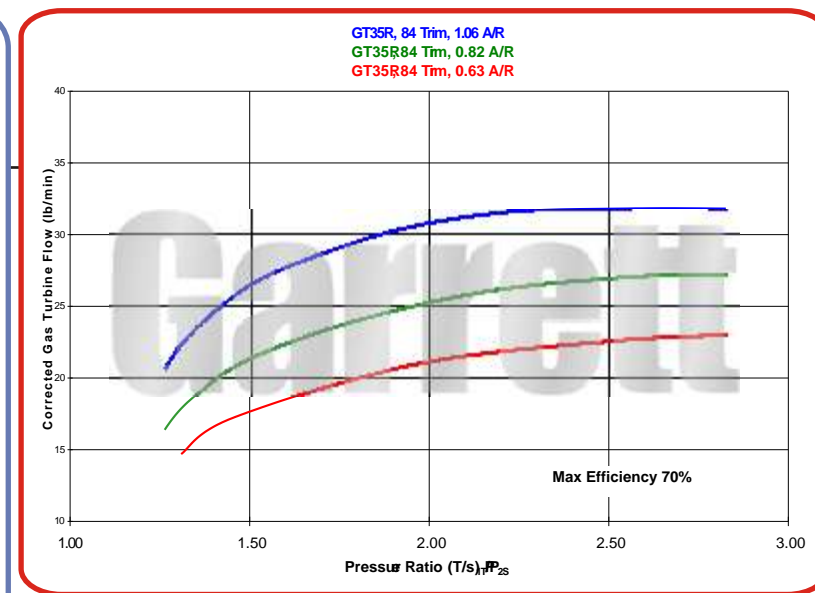
GT3582R		COMPRESSOR				TURBINE				Ball bearing
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type	
714568-1	706451-5	61.4mm	82.0mm	56	0.70	68.0mm	84	1.06	Free Float	

Oil &amp; Water-cooled Bearing System

## Compressor Map



## Turbine Map



# POWERSHIFT

Horsepower 400 - 600  
Displacement 2.0L - 4.5L

Image Coming Soon

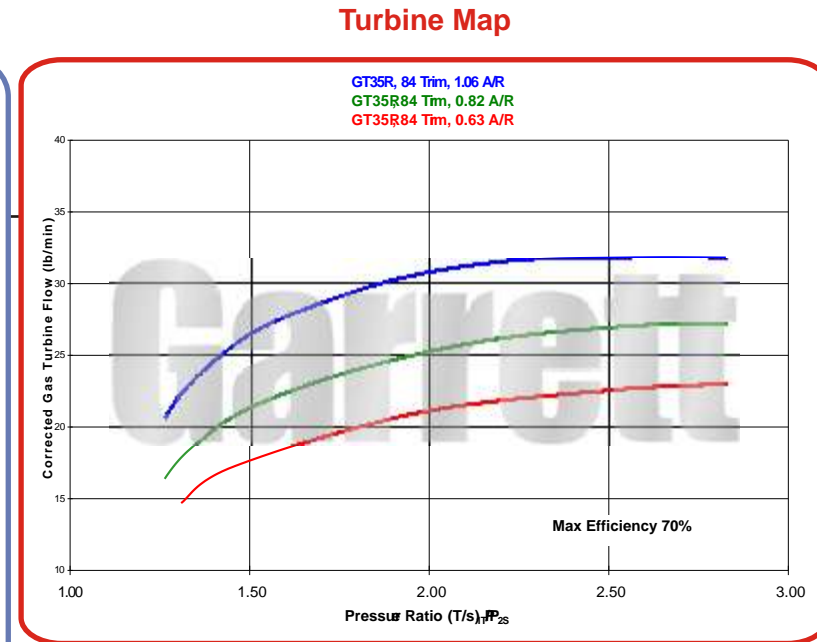
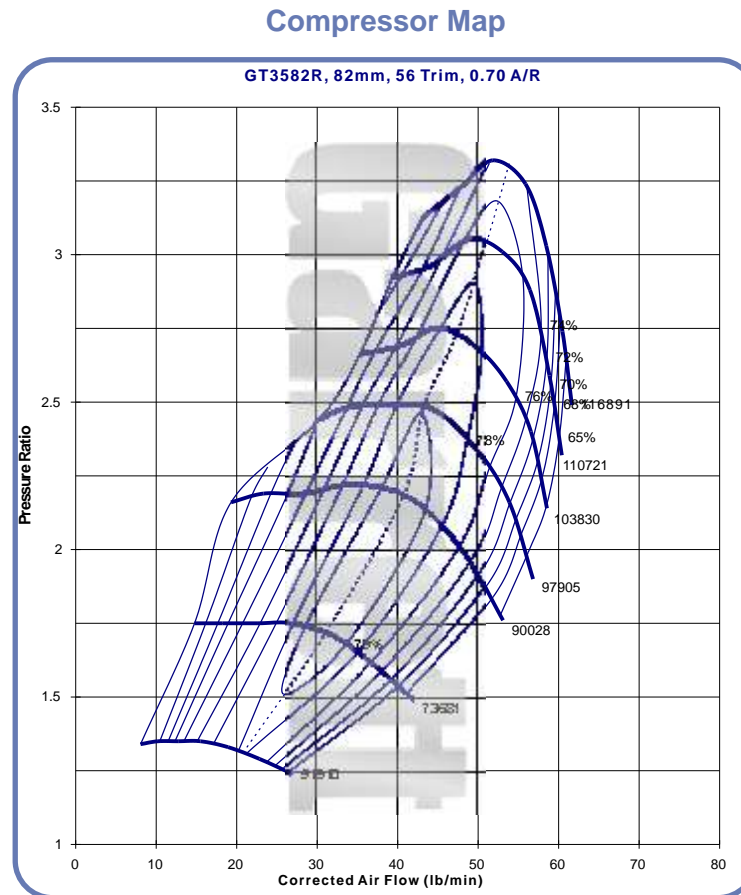
Ball bearing									
GT3582R		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia	Trim		A/R	Wh Dia	Trim	A/R	Type
		Ind	Exd						
714568-2	706451-5	61.4mm	82.0mm	56	0.70	68.0mm	84	0.82	Free Float

### Oil & Water-cooled Bearing System

Turbochargers > GT35 Family > GT3582R - 714568 - 3

- \* Ball bearing
- \* Oil & Water-cooled bearing system
- \* High Performance BCI-18 Compressor and UHP Turbine
- \* Perfect for high-horsepower, smaller displacement engines at elevated boost levels
- \* T3 turbine inlet flange and 4-bolt turbine outlet flange
- \* Turbine housing is cast from high-nickel "Ni-Resist" material for extreme applications

Image Coming Soon



# POWERSHIFT

Horsepower 400 - 600  
Displacement 2.0L - 4.5L

GT3582R		COMPRESSOR				TURBINE				Ball bearing
Turbo	CHRA	Ind	Wh Dia	Exd	Trim	A/R	Wh Dia	Trim	A/R	Type
714568-3	706451-5	61.4mm	82.0mm	56	0.70		68.0mm	84	0.63	Free Float

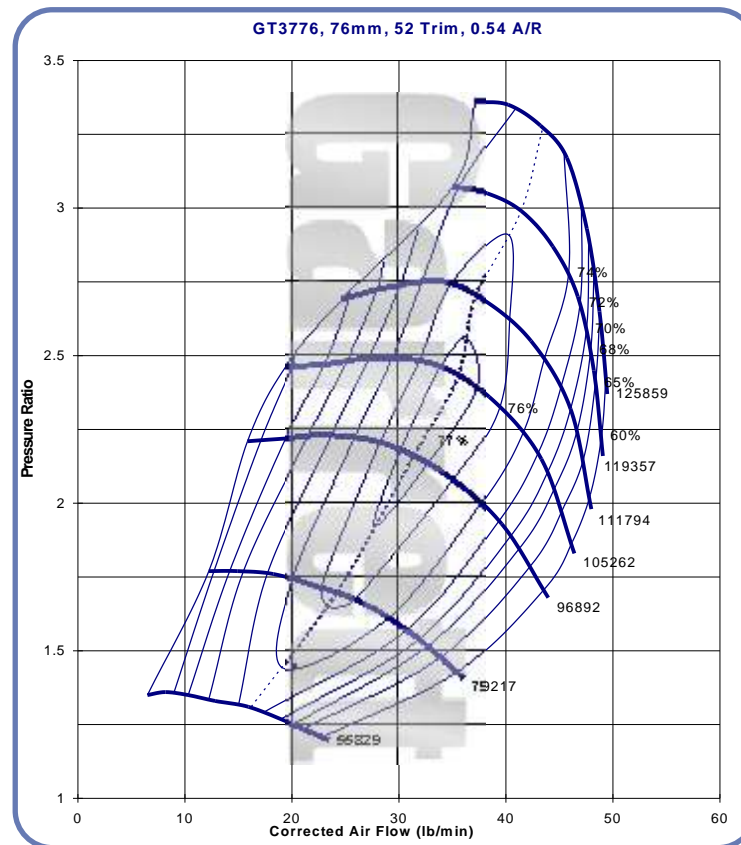
### Oil & Water-cooled Bearing System

Turbochargers > GT37 Family > GT3776 - 452159 -1

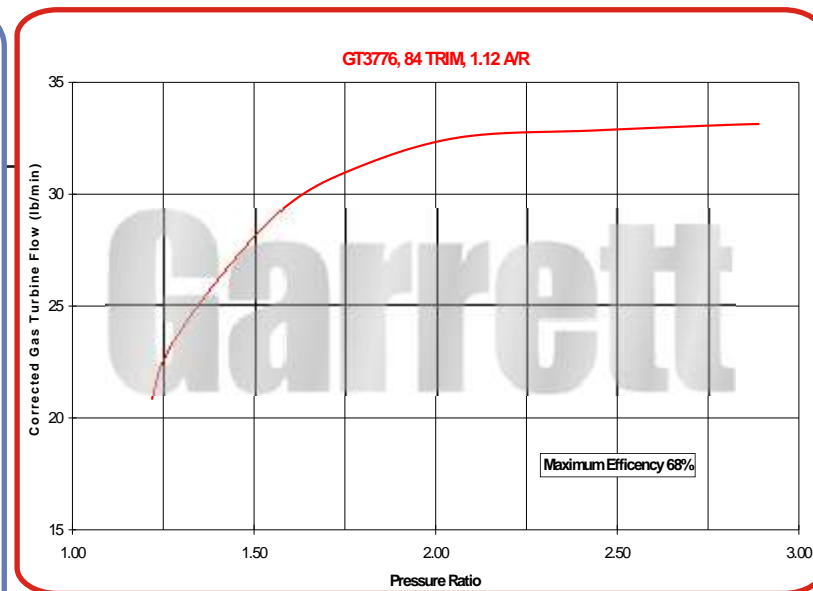
- \* Journal bearing
- \* Oil-cooled bearing system
- \* High Load Capacity GT Journal Bearing System
- \* High performance BCI-18 compressor and UHP turbine
- \* 4-bolt turbine outlet flange
- \* T3 turbine inlet flange



Compressor Map



Turbine Map



### POWERSHIFT

Horsepower 300 - 550  
Displacement 2.8L - 3.8L

GT3776		COMPRESSOR				TURBINE				Journal bearing
Turbo	CHRA	Wh Dia Ind	Trim Exd	A/R		Wh Dia	Trim	A/R	Type	
452159-1	436085-1	55.0mm	76.2mm	52	0.54	72.5mm	84	1.12	Free Float	

Oil-cooled Bearing System

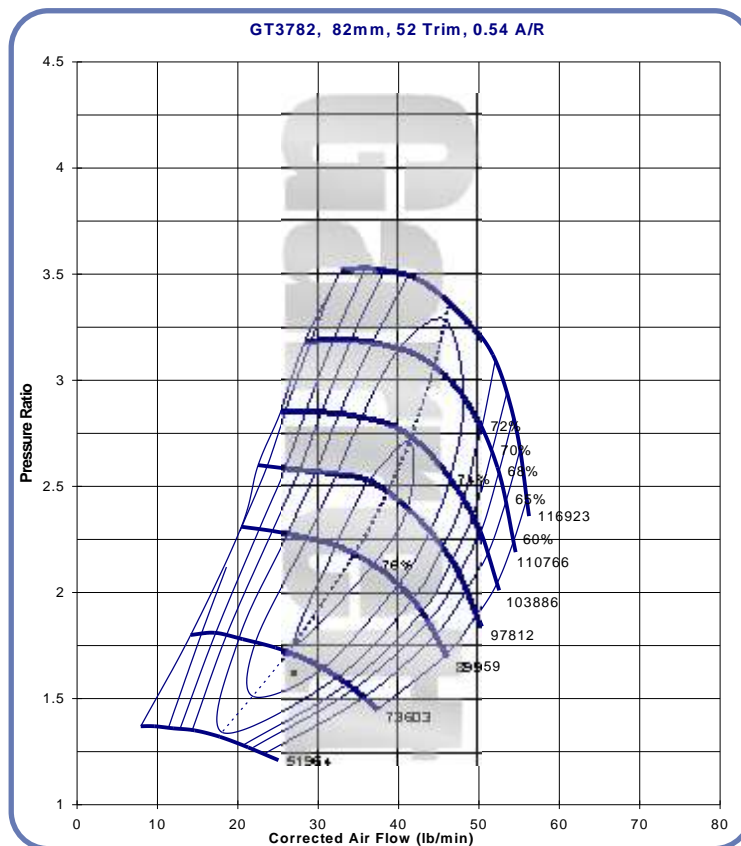


## Turbochargers &gt; GT37 Family &gt; GT3782 - 452159 - 3

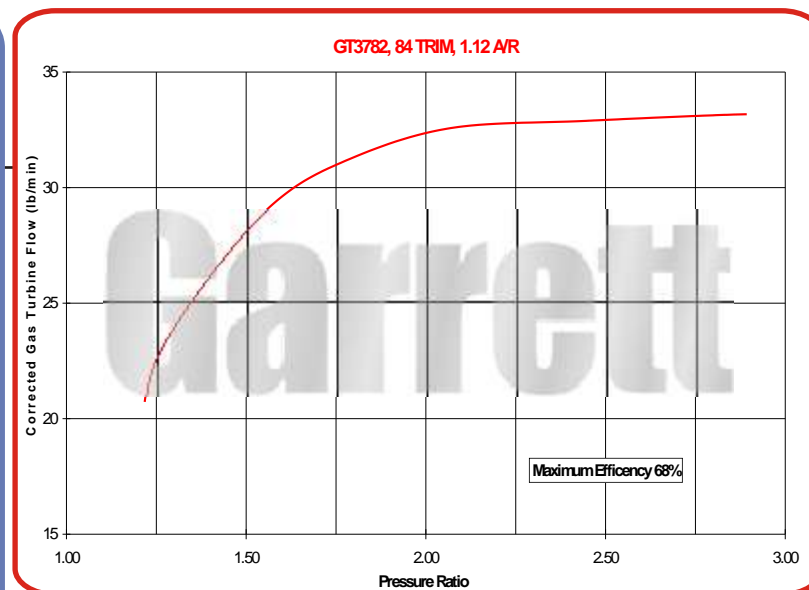
- \* Journal bearing
- \* Oil-cooled bearing system
- \* High Load Capacity GT Journal Bearing System
- \* High performance BCI-18 compressor and UHP turbine
- \* 4-bolt turbine outlet flange
- \* T3 turbine inlet flange



Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 300 - 550  
Displacement 2.8L - 3.8L

GT3782		COMPRESSOR				TURBINE				Journal bearing
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type	
452159-3	436085-5	59.1mm	82.0mm	52	0.54	72.5mm	84	1.12	Free Float	

Oil-cooled Bearing System

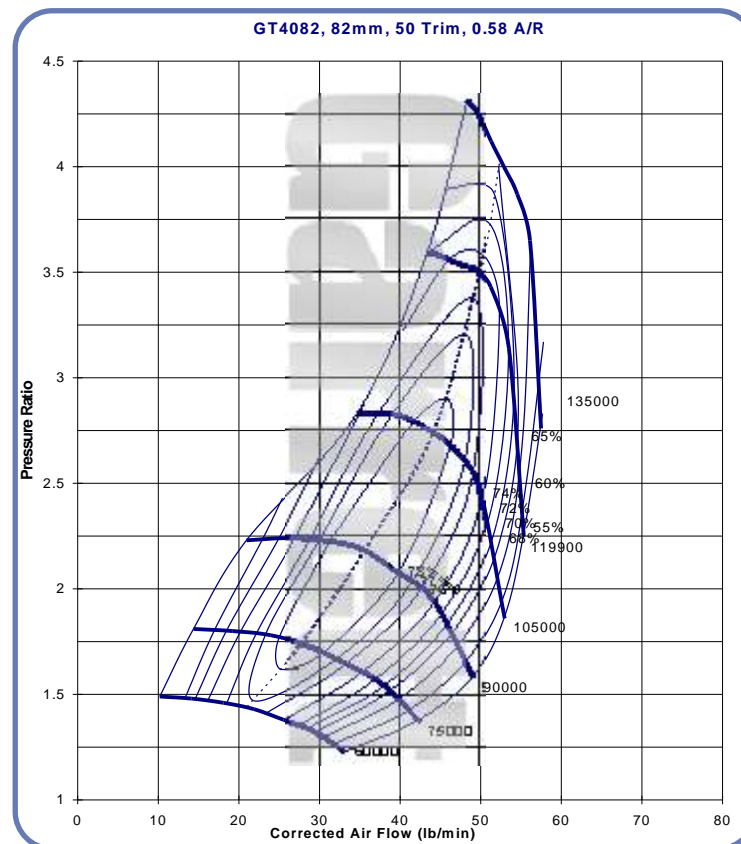


## Turbochargers &gt; GT40 Family &gt; GT4082 - 452232-5

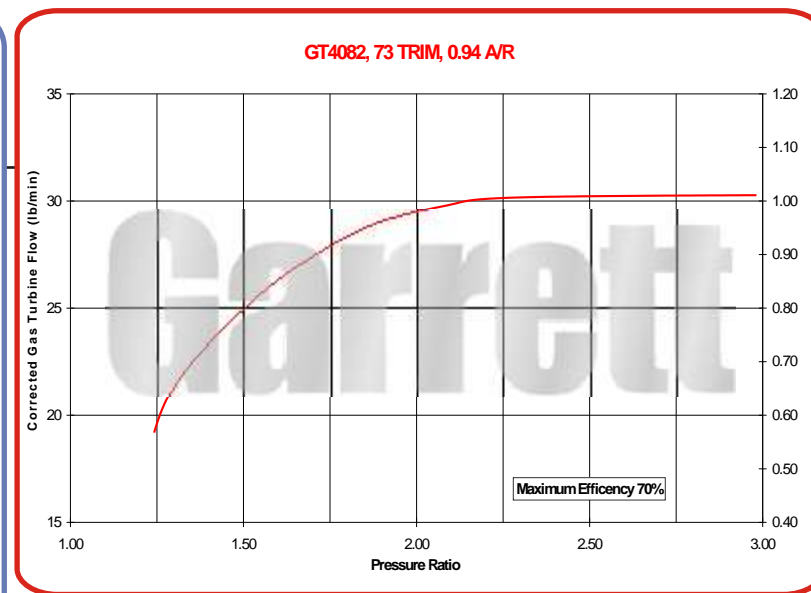
- \* Journal bearing
- \* Oil-cooled bearing system
- \* High Load Capacity GT Journal Bearing System
- \* High performance BCI-18 compressor and UHP turbine
- \* 4-bolt turbine outlet flange
- \* T3 turbine inlet flange



Compressor Map



Turbine Map

**POWERSHIFT**

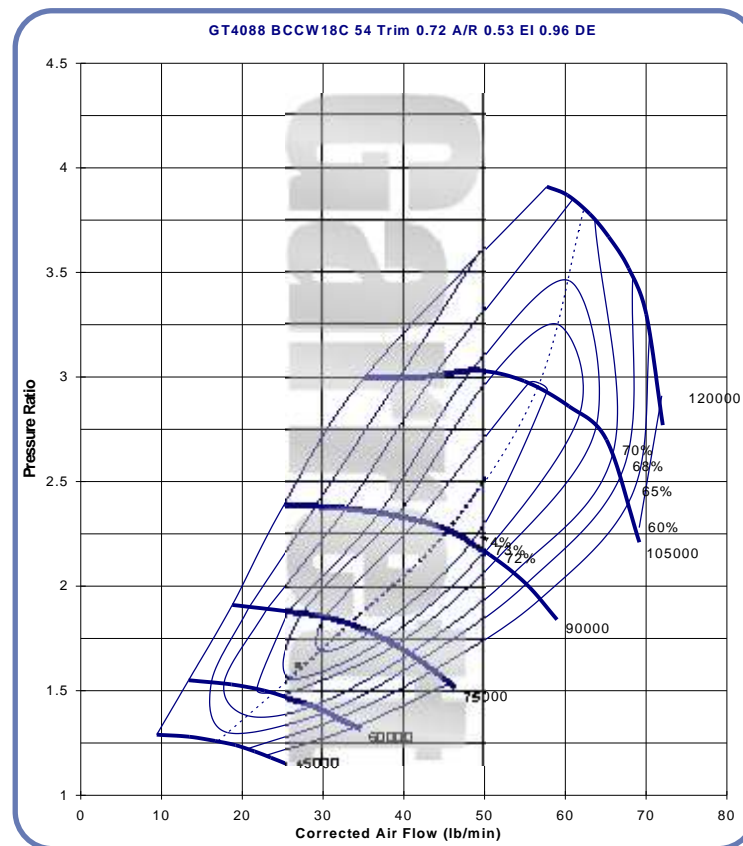
Horsepower 370 - 650  
Displacement 3.5L - 5.0L

GT4082						Journal bearing			
Turbo	CHRA	COMPRESSOR				TURBINE			
		Wh Dia Ind	Trim Exd	A/R		Wh Dia	Trim	A/R	Type
452232-5	449739-39	58.0mm	82.0mm	50	0.58	77mm	73	0.94	Free Float

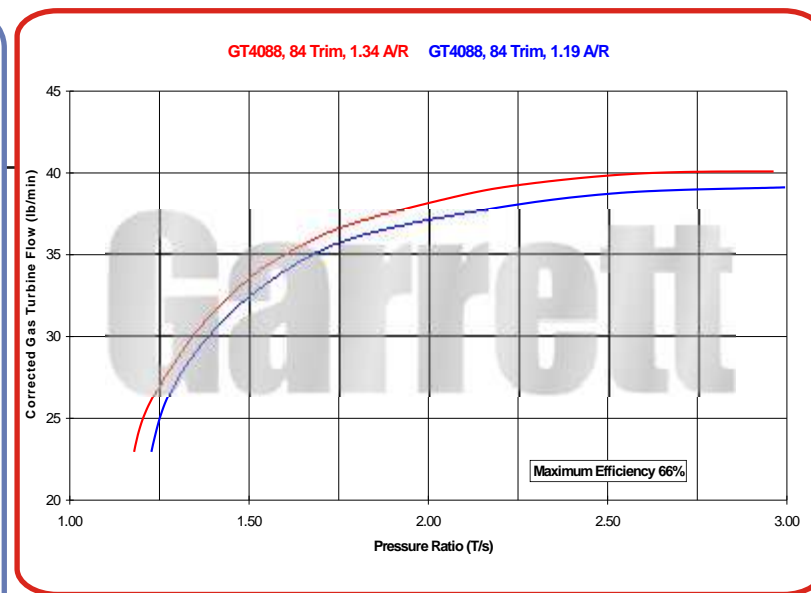
Oil-cooled Bearing System

## Turbochargers &gt; GT40 Family &gt; GT4088 - 703457 - 2

Compressor Map



Turbine Map

**POWERSHIFT**

Coming Soon

Image Coming Soon

GT4088						Journal bearing			
Turbo	CHRA	COMPRESSOR				TURBINE			
		Wh Dia Ind	Trim Exd	A/R		Wh Dia	Trim	A/R	Type
703457-2	449739-34	64.7mm	88.0mm	54	0.72	77mm	84	1.34	Free Float

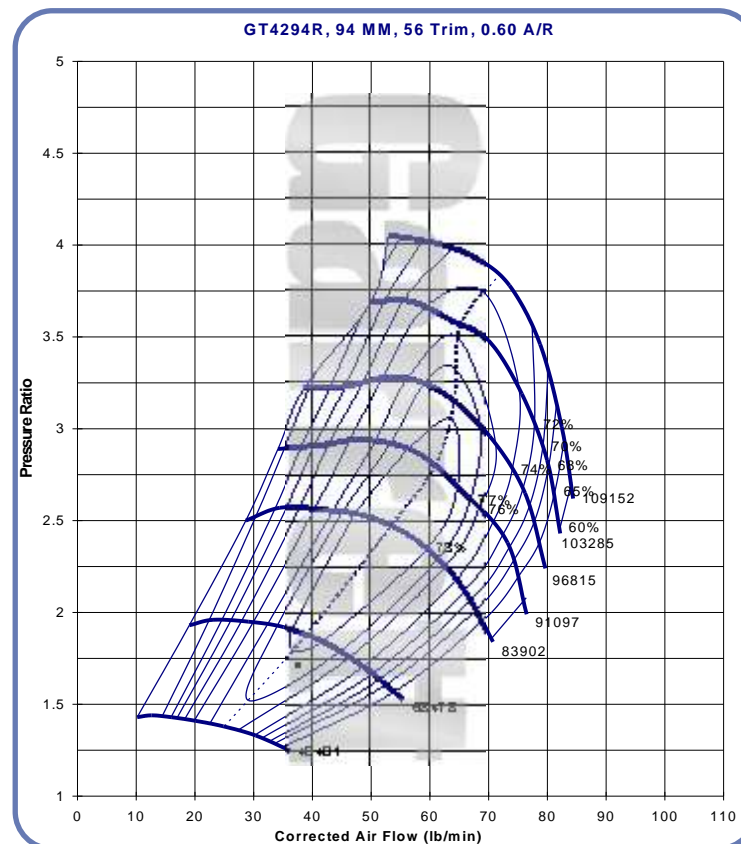
TURBINE HOUSING OPTION				
Part Number	Wh Dia	Trim	A/R	Type
434309-88	77.0mm	84	1.19	Free Float

Oil-cooled Bearing System

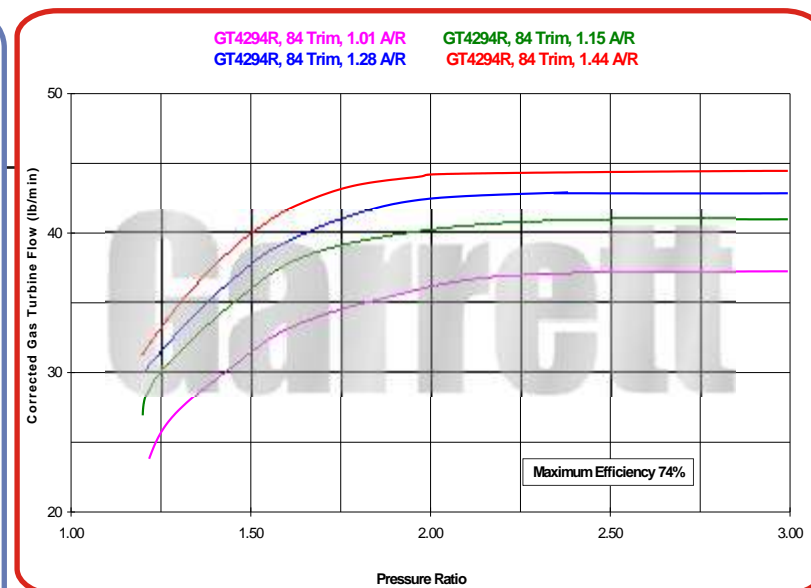
- \* Journal bearing
- \* Oil-cooled bearing system
- \* High Load Capacity GT Journal Bearing System
- \* High performance BCI-18 compressor and UHP turbine
- \* 6-bolt turbine outlet flange
- \* T4 turbine inlet flange

## Turbochargers &gt; GT42 Family &gt; GT4294 - 731376 - 1

Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 500 - 1000  
Displacement 4.4L - 8.0L

Journal bearing  
Oil-cooled bearing system

GT4294		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type
731376-1	712402-7	70.3mm	94mm	56	0.60	82mm	84	1.15	Free Float

## GT42 and GT42R TURBINE HOUSING OPTIONS \*

Part Number	Wh Dia	Trim	A/R	Type
757707-1	82.0mm	84	1.01	Free Float
757707-2	82.0mm	84	1.15	Free Float
757707-3	82.0mm	84	1.28	Free Float
757707-4	82.0mm	84	1.44	Free Float

\* T4 Inlet Flange



- \* Journal - Ball Bearing Option Available (listed below)
- \* Oil-cooled bearing system
- \* High Performance BCI-18 Compressor and UHP Turbine
- \* Perfect for high horsepower, but responsive engines
- \* V-band turbine outlet flange
- \* Optional Turbine Housings with T4 turbine inlet flange

**Ball Bearing**  
**Oil-cooled bearing system**

BALL BEARING CHRA OPTIONS					
GT4294R	COMPRESSOR			TURBINE	
CHRA	Ind	Wh Dia Exd	Trim	Wh Dia	Trim
451888-9	70.3mm	94mm	56	82mm	84

\* Race-Proven Garrett Ball Bearing Technology

\* These ball bearing CHRAs are outline-interchangeable with those in the journal bearing turbos listed above

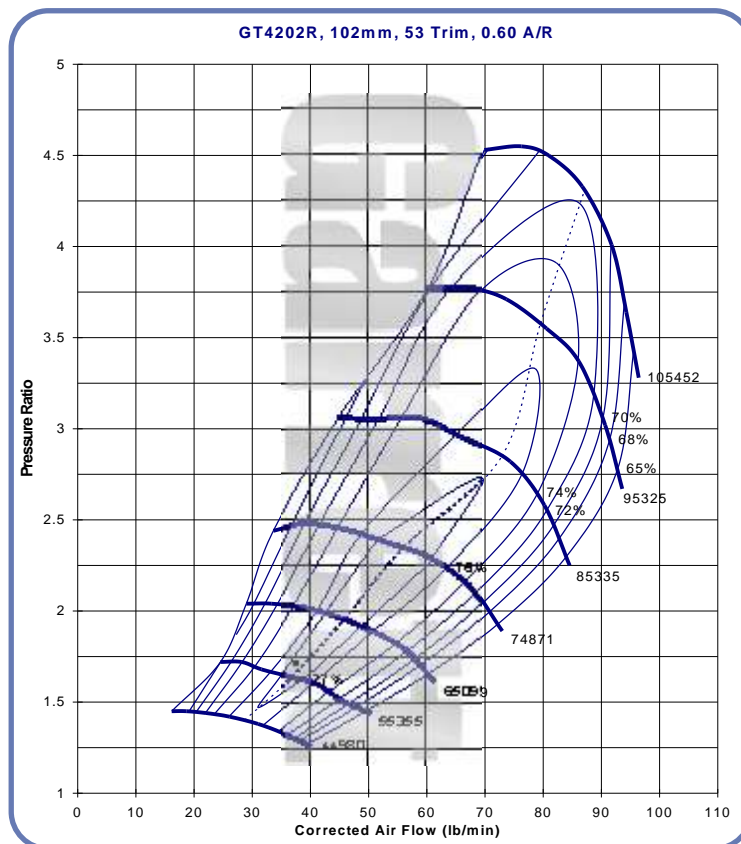
GT42R COMPRESSOR HOUSING OPTIONS			
Part Number	Wh Dia	Trim	A/R
757708-1	94.0mm	56	0.60

## Turbochargers &gt; GT42 Family &gt; GT4202 - 731376 - 2

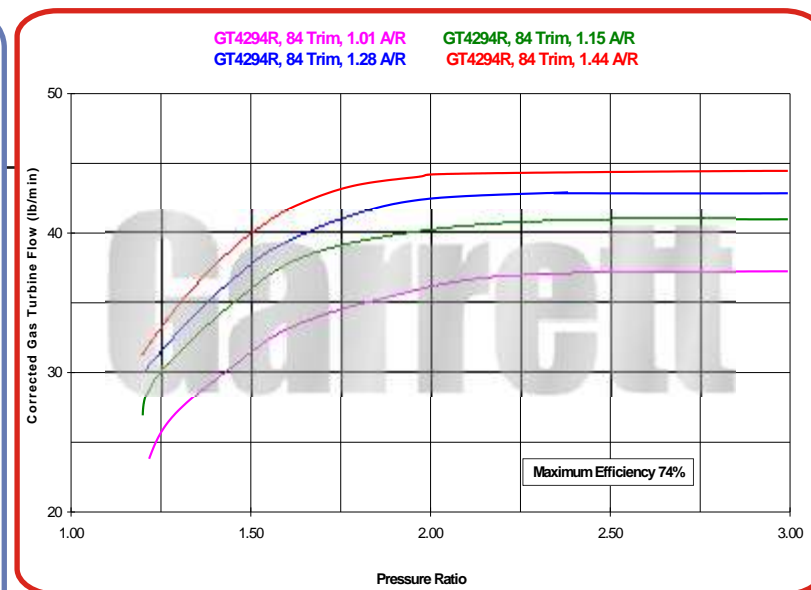
- \* Journal - Ball Bearing Option Available (listed below)
- \* Oil-cooled bearing system
- \* High Performance BCI-18 Compressor and UHP Turbine
- \* Perfect for high horsepower, but responsive engines
- \* V-band turbine outlet flange
- \* Optional Turbine Housings with T4 turbine inlet flange



## Compressor Map



## Turbine Map



## POWERSHIFT

Horsepower 500 - 1000  
Displacement 4.4L - 8.0L

Journal bearing  
Oil-cooled bearing system

GT4202		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia Ind	Wh Dia Exd	Trim	A/R	Wh Dia	Trim	A/R	Type
731376-2	712402-8	74.3mm	102.3mm	53	0.60	82mm	84	1.15	Free Float

## GT42 and GT42R TURBINE HOUSING OPTIONS \*

Part Number	Wh Dia	Trim	A/R	Type
757707-1	82.0mm	84	1.01	Free Float
757707-2	82.0mm	84	1.15	Free Float
757707-3	82.0mm	84	1.28	Free Float
757707-4	82.0mm	84	1.44	Free Float

\* T4 Inlet Flange

**Ball Bearing**  
**Oil-cooled bearing system**

BALL BEARING CHRA OPTIONS					
GT4202R	COMPRESSOR			TURBINE	
CHRA	Ind	Wh Dia Exd	Trim	Wh Dia	Trim
451888-11	74.3mm	102.3mm	53	82mm	84

\* Race-Proven Garrett Ball Bearing Technology

\* These ball bearing CHRAs are outline-interchangeable with those in the journal bearing turbos listed above

GT42R COMPRESSOR HOUSING OPTIONS			
Part Number	Wh Dia	Trim	A/R
757708-2	102.3mm	53	0.60

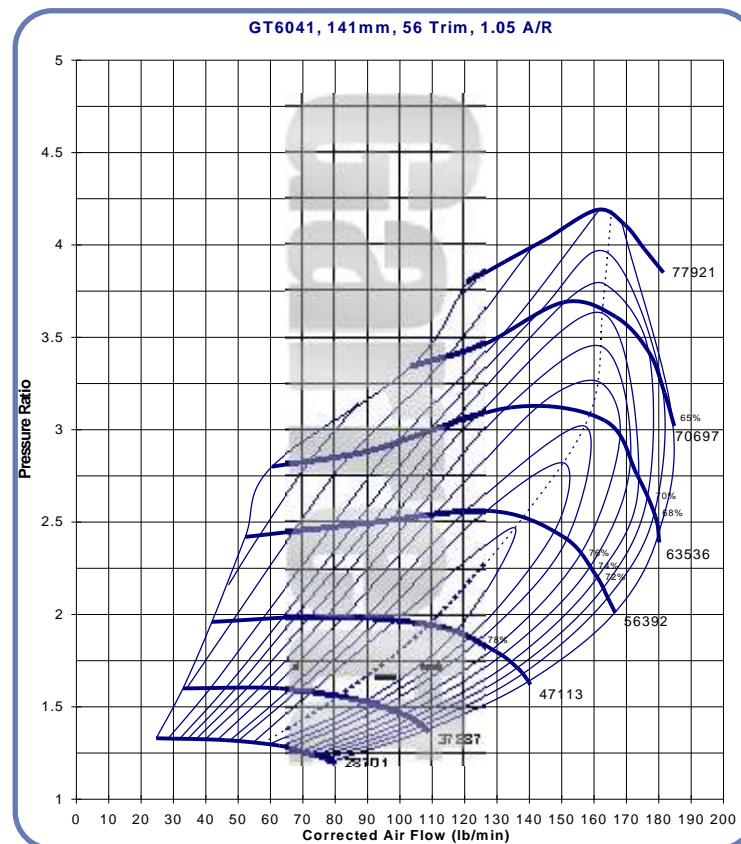


## Turbochargers &gt; GT60 Family &gt; GT6041 - 731377 - 1

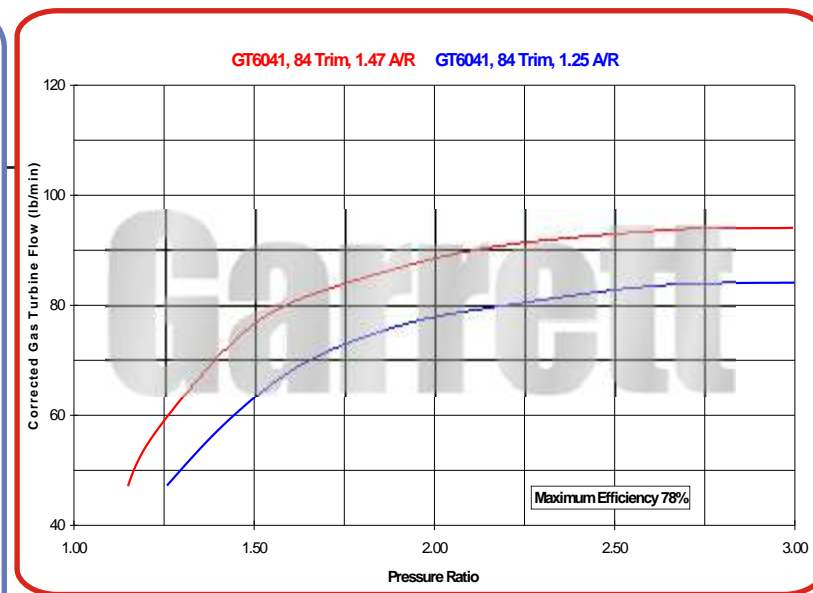
- \* Journal bearing
- \* Oil-cooled bearing system
- \* High Load Capacity GT Journal Bearing System
- \* Ultra High Efficiency BCI-18 compressor and UHP turbine
- \* V-band turbine discharge
- \* Large-Frame turbine inlet flange
- \* Turbine housing option available



Compressor Map



Turbine Map

**POWERSHIFT**

Horsepower 1450 - 2000  
Displacement 6.2L - 10.0L

**Journal bearing**

GT6041		COMPRESSOR				TURBINE			
Turbo	CHRA	Wh Dia		Trim	A/R	Wh Dia	Trim	A/R	Type
		Ind	Exd						
731377-1	730496-1	105.7mm	141.2mm	56	1.05	130mm	84	1.47	Free Float

**TURBINE HOUSING OPTION**

Part Number	Wh Dia	Trim	A/R	Type
441319-97	130mm	84	1.25	Free Float

**Oil-cooled Bearing System**

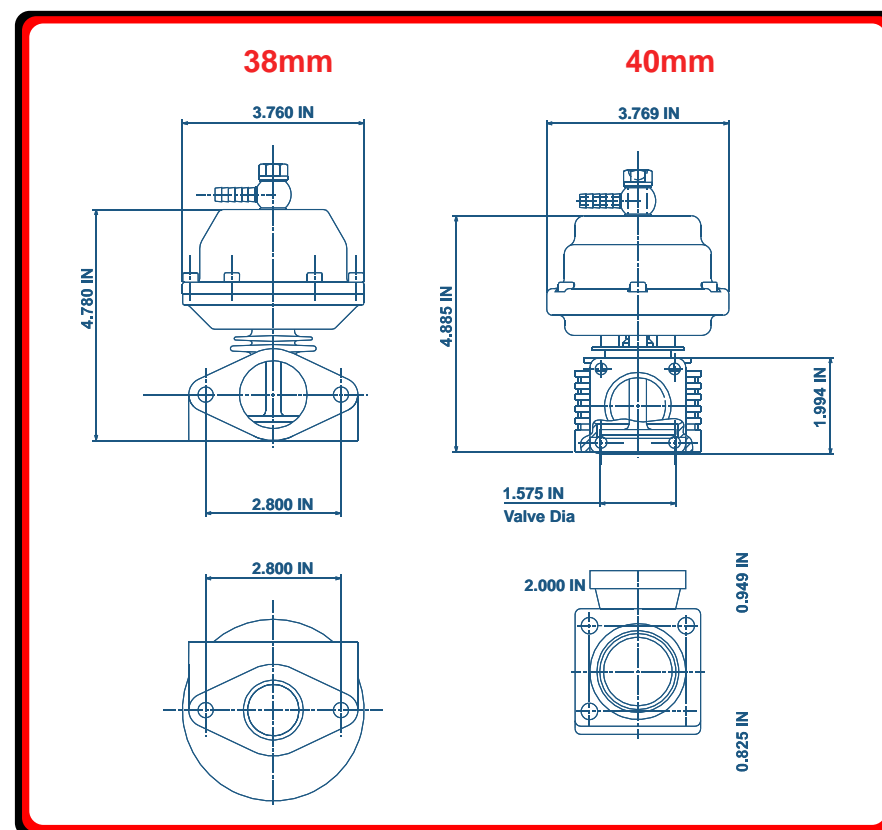
# Wastegates

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## Wastegates



Valve Size (diameter)	Part Number	Spring Rate (bar/psig)
38mm	721490-000	.36/5.2
	721490-000	.47/6.8
	721490-000	.59/8.6
40mm	721491-000	.55/8.0
	721491-000	.66/9.6
	721491-000	.77/11.2
46mm	721492-000	.60/8.7
	721492-000	.70/10.2
	721492-000	.80/11.6



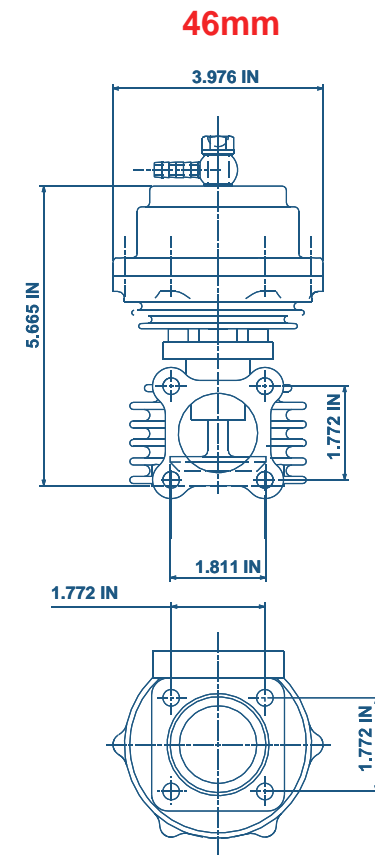
#### High-Performance Stainless Steel Wastegates Assemblies:

Garrett Performance Products is pleased to be a distributor of TiAl Wastegates & Blow-Off valve assemblies. All Wastegates assemblies are constructed with stainless steel valves and valve bodies. Actuator housings are CNC machined billet aluminum, with an optimal actuator to valve ratio of 2.2:1 for maximum flow capacity. The units are also designed with high temperature Nomex diaphragms and oxidation resistant Super Alloy components.

## Wastegates

## Stainless Steel CNC Wastegate Flanges

Model Part	Number	Type	Configuration
38mm	716463-0001	Outlet Flange	2 x thru hole
	716463-0002	Inlet Flange	2 x M8-1.25
40mm	716466-0001	Inlet Flange	4 x M8-1.25
	716464-0001	Outlet Flange	4 x thru hole
46mm	716465-0001	Inlet or Outlet Flange	4 x thru hole



# Blow-Off Valves

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## Blow-Off Valves



714341-0002



714341-0003



714341-0004



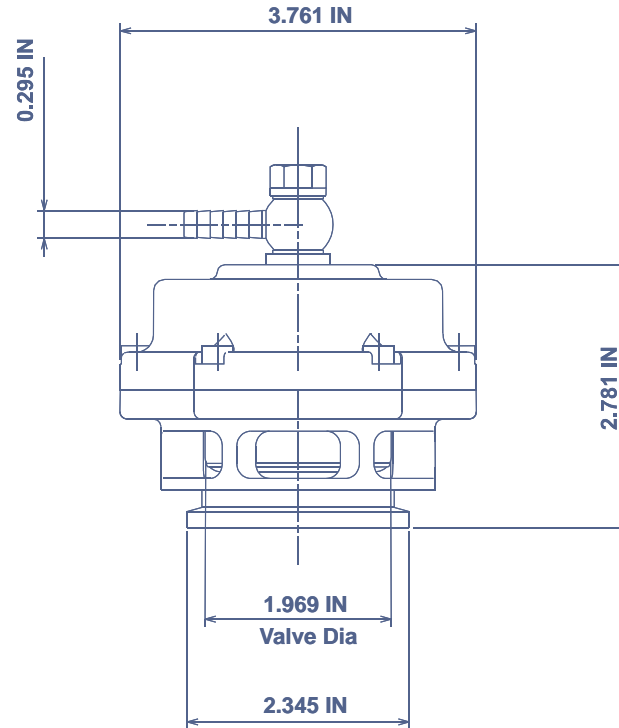
714341-0005

### 50mm Compressor Blow-Off Valves Assemblies:

The TiAl Blow-Off valves design is the result of extensive development and testing. The 50mm compressor bypass valve is a vital component of any turbocharged blow-through induction system. This custom TiAl manufactured Blow-off valve will improve throttle (time to boost) response as well as help relieve the damaging effects of compressor "surge loading". The CNC machined housings are available in several high luster anodized colors.

Note: Blow-off Valves Assemblies include fitting and V-band clamp.

## Blow-Off Valves

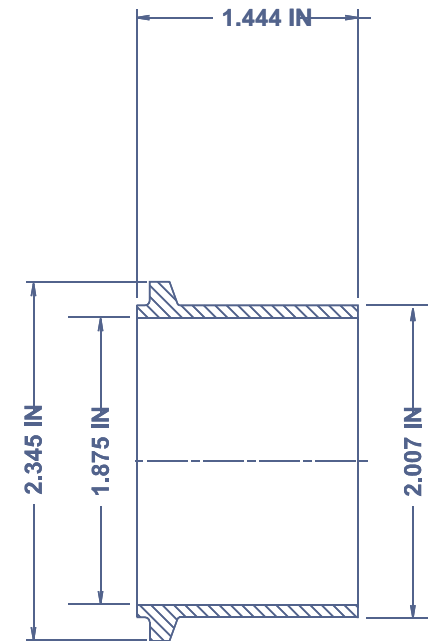


### Blow-off Valves Flanges

Part Number	Material
722783-0001	Aluminum (6061)
722783-0002	Steel (1018)
722783-0003	Stainless Steel (304L)

Part Number	Color
714341-0001	Red
714341-0002	Blue
714341-0003	Gray
714341-0004	Violet
714341-0005	Machined Aluminum

## Blow-Off Valves Flange

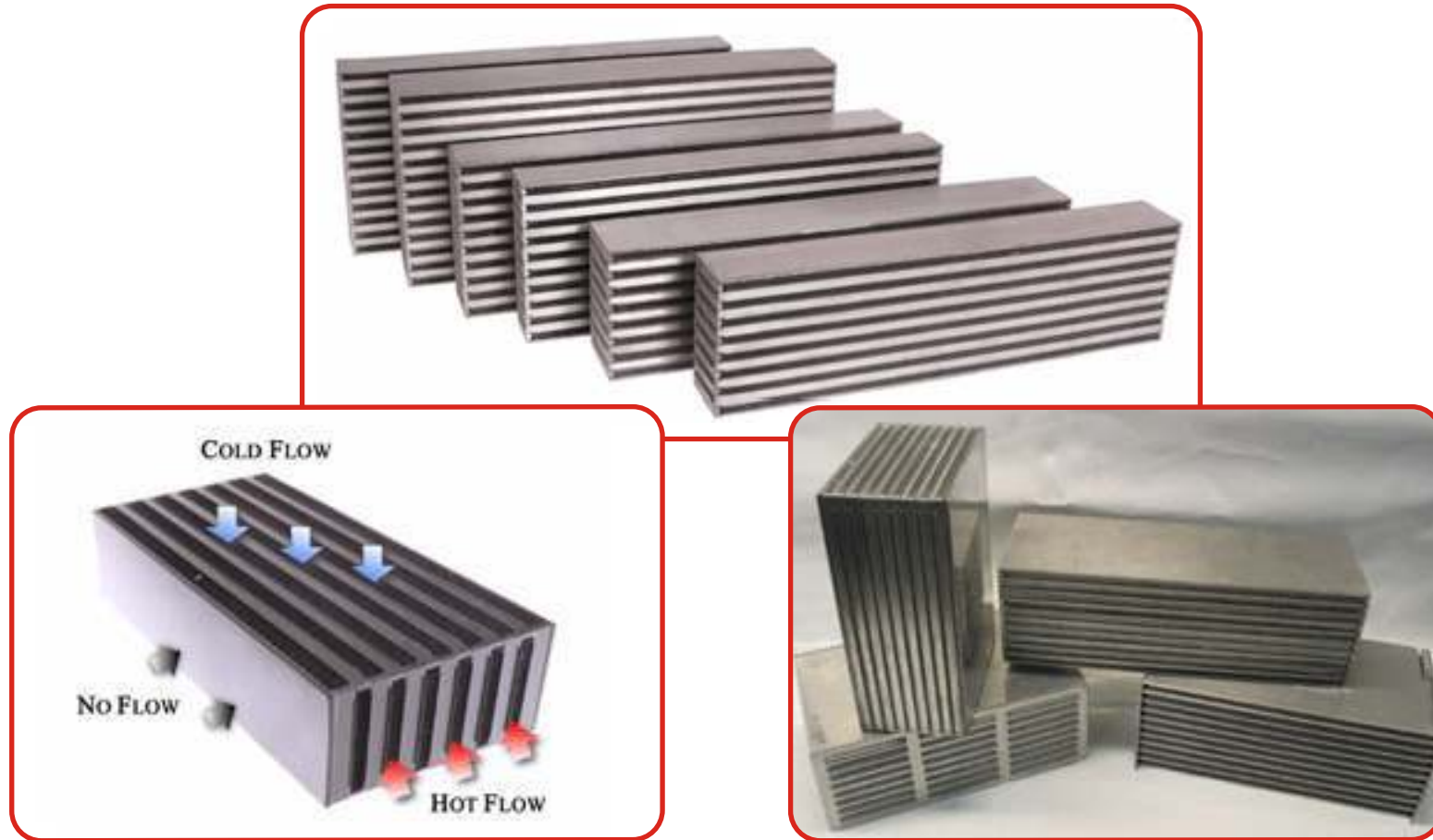




# Intercoolers

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## Intercoolers

**Garrett Intercoolers – Cooler by Design**

Garrett intercoolers have a long history with some of the premier names in the performance car industry – Roush, Saleen, Mercedes-Benz AMG, Ford SVT, GM, and McLaren have all turned to Garrett to intercool their hottest models.

Garrett now offers this expertise and quality in a full range of intercool cores. From air-to-air cores sized for tightly-packed sport compact cars to air-to-water cores capable of supporting 1000+ hp, we can provide optimum performance for nearly any application.

Garrett intercoolers also offer superior fatigue protection for the high boost pressures and temperatures of today's extreme engines. They are constructed of high strength brazen aluminum alloys with advanced tub and fin designs to ensure greater heat transfer effectiveness and durability.

## Intercoolers

## AIR-AIR INTERCOOLER CORES

TF: Tube & Fin  
BP: Bar & Plate

Part Number	Hot Flow Length (in)	No Flow Height (in)	Cold Flow Width (in)	Core Weight (lbs.)	* Horsepower	Type
703521-6001	6.0	12.0	4.5	9.0	180	BP
703519-6001	6.0	12.3	3.5	7.3	200	BP
703517-6001	6.0	12.3	3.0	6.2	210	BP
713447-0001	17.4	5.4	3.1	5.0	227	TF
703521-6002	8.0	12.0	4.5	11.2	235	BP
703519-6002	8.0	12.4	3.5	8.8	275	BP
703517-6002	8.0	12.4	3.0	8.1	285	BP
753447-6002	22.0	5.5	2.3	6.8	290	BP
703518-6015	18.0	6.3	3.0	7.3	310	BP
753447-6001	22.0	6.3	2.3	7.6	320	BP
703520-6012	18.0	6.3	3.5	8.9	340	BP
703517-6003	10.0	12.3	3.0	9.5	370	BP
703519-6003	10.0	12.3	3.5	10.4	375	BP
703521-6003	10.0	12.0	4.5	13.1	375	BP
703518-6016	18.0	7.9	3.0	8.9	385	BP
753447-6003	22.0	7.9	2.3	9.3	400	BP
703520-6003	16.0	12.0	3.5	15.3	400	BP
700618-6001	15.8	10.4	3.8	24.4	400	BP
703520-6025	18.0	7.9	3.5	10.8	425	BP
751341-6001	13.0	17.4	2.0	20.0	475	BP
703518-6018	24.0	6.3	3.0	9.9	475	BP
703518-6001	12.0	12.0	3.0	10.5	475	BP
703520-6001	12.0	12.0	3.5	11.8	475	BP
703522-6001	12.0	12.0	4.5	14.1	480	BP
703520-6009	24.0	6.3	3.5	11.6	500	BP
703518-6017	18.0	10.3	3	11.2	510	BP
713372-6001	17.4	10.3	3.1	8.8	525	TF
753447-6004	22.0	10.3	2.3	11.8	530	BP
703520-6002	14.0	12	3.5	13.4	550	BP
703520-6026	18.0	10.3	3.5	13.7	575	BP
703518-6002	14.0	12.0	3.0	12.2	575	BP
703522-6002	14.0	12.0	4.5	16.3	575	BP
487085-6002	20.1	11.2	3.0	15.2	600	BP
753447-6005	22.0	12.0	2.3	13.5	600	BP
703518-6019	24.0	7.9	3.0	12.0	600	BP
703520-6010	24.0	7.9	3.5	13.8	600	BP
703518-6003	16.0	12.0	3.0	13.9	650	BP
703520-6004	18.0	12.0	3.5	16.4	650	BP
703522-6003	16.0	12.0	4.5	18.2	650	BP
753447-6006	22.0	14.6	2.3	16.1	750	BP
703518-6004	18.0	12.1	3.0	15.6	750	BP
703522-6008	18.0	11.2	4.5	17.0	750	BP
703518-6020	24.0	10.3	3.0	15.2	775	BP
703522-6004	18.0	12.0	4.5	19.8	785	BP
703520-6011	24.0	10.3	3.5	17.8	800	BP
701596-6001	27.8	12.7	5.1	31.4	825	BP
485740-6002	27.8	12.0	3.3	13.7	900	TF
703518-6005	24.0	12.1	3.0	19.4	900	BP
703520-6005	24.0	12.0	3.5	20.3	925	BP
703522-6005	24.0	12.0	4.5	26.2	950	BP
485257-6001	25.4	15.5	2.6	13.0	975	TF
486827-6002	23.7	12.0	3.8	23.7	1000	BP
485643-6003	27.6	18.6	3.1	23.5	1450	TF
485736-6001	31.5	21.8	3.12	31.2	2250	TF

## Intercoolers

## AIR-WATER INTERCOOLER CORES

TF: Tube & Fin  
BP: Bar & Plate

Part Number	Hot Flow Length (in)	No Flow Height (in)	Cold Flow Width (in)	Core Weight (lbs.)	* Horsepower	Type
717874-6009	9.8	3.8	3.8	5.8	500	BP
717874-6008	11.7	3.8	3.8	6.3	750	BP
734408-6005	11.9	4.8	4.8	8.6	1000	BP

\* Horsepower rating shown for nominal operating conditions. Maximum horsepower potential will be higher than the listed values

# Garrett Turbo Kits

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**Honda Civic ( SOHC D16Y8 )**

**Honda Sportrax EX400**

**VW**

2.0L 8V VW Intercooled Golf, Jetta, GTI, Cabrio

**Audi/VW**

1.8T Audi A4 & VW Passat

**VW**

1.8T VW Golf, Jetta, GTI, Beetle

**Suzuki Hayabusa**

**Ford PowerStroke**

## Garrett Turbo Kits &gt; Honda Civic ( SOHC D16Y8 )

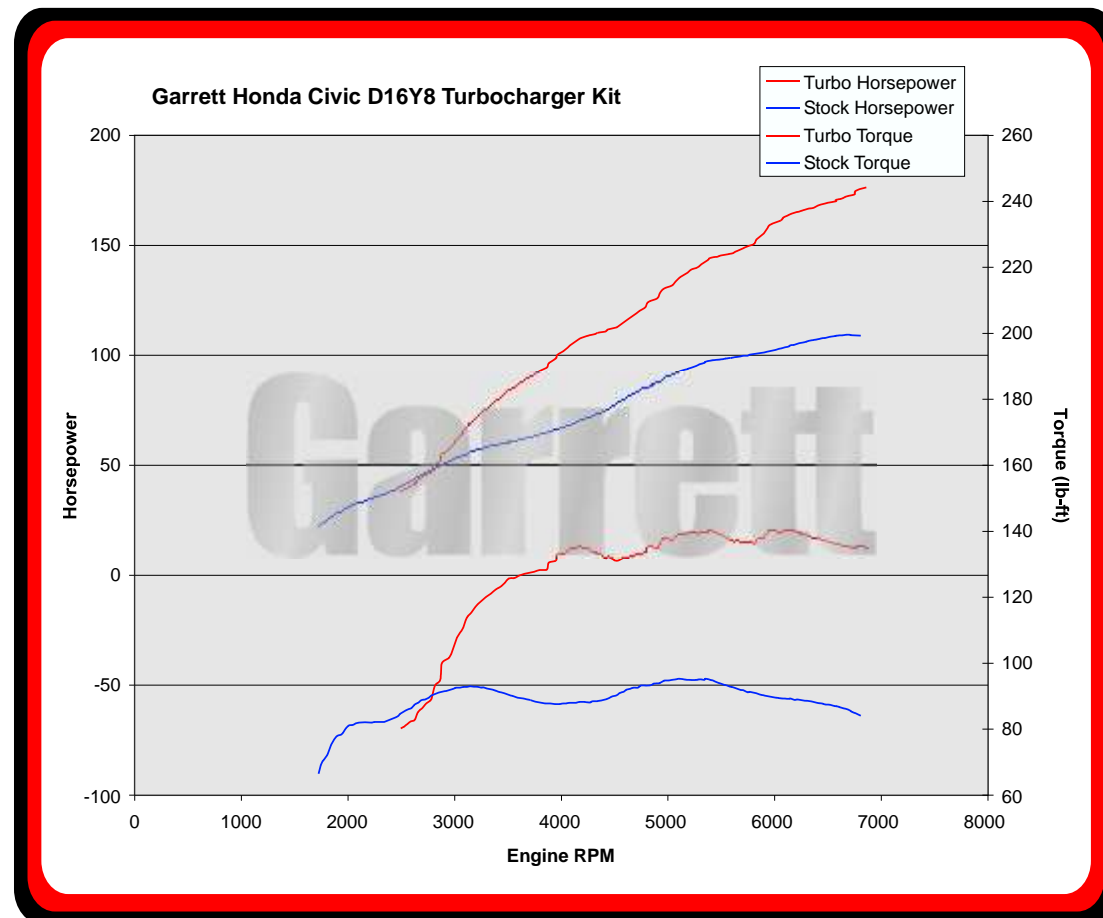


## SOHC D16Y8

The Garrett Honda Civic kit is for the D16Y8 SOHC engine for model years 1996-2000. A GT28R ball bearing turbocharger and all of the necessary components are included to complete the installation in your garage!

- Emissions certified in all 50 States
  - Model years 1996-2000
  - GT28R Turbo
  - Garrett exclusive ball bearing turbo for unbeatable response, efficiency, and durability. Absence of a thrust bearing eliminates failures at elevated boost levels
  - The most complete kit on the market
  - Includes everything you need to install; Intake Manifold, Intercooler, TiAl Blow-off valve, Ni-Resist exhaust manifold, turbo-link piggyback ECU
- Was \$3,778.95

**NOW \$3,034.00!!**



## PERFORMANCE COMPARISON

	STOCK	TURBO BY GARRETT
HP	109whp @ 6600rpm	176whp @ 6850rpm
Torque	95lb·ft @ 5100rpm	140lb·ft @ 5400rpm



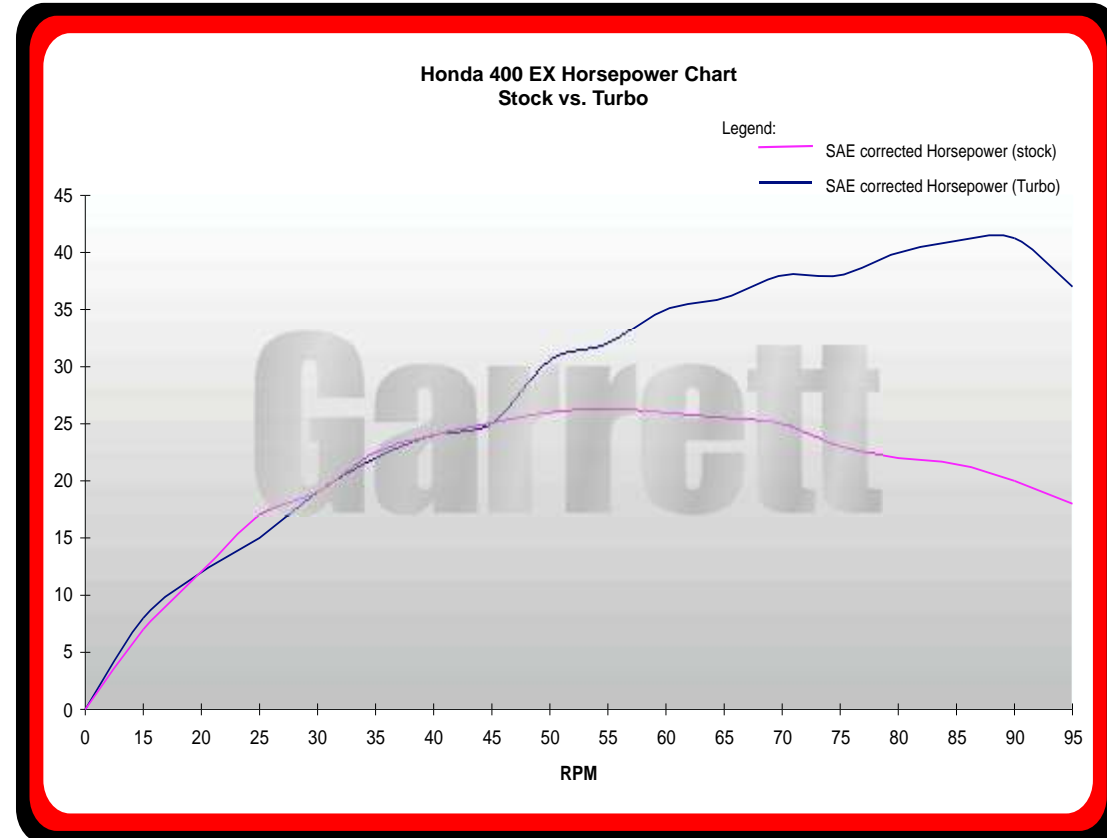
## Garrett Turbo Kits &gt; Honda Sportrax EX400



This system allows you to keep the same displacement, bore & stroke, and compression ratio as the stock set-up. With a minimal weight gain of just 20lbs, this kit will generate nearly double the horsepower! With the estimated 12-14 psi of boost, an increase in carburetor throttle size is required - from a 35.5mm throttle body to a fuel injected system with a 40mm throttle body to handle the increased boost. This is some major power you will feel in the seat of your pants!

- Model years 1999 & up
- Featuring the Garrett GT12 Turbo
- Direct Bolt-on with no engine mods
- Was \$4,408.95

**NOW \$4,095.00!!**



## PERFORMANCE COMPARISON

	STOCK	GARRETT TURBO KIT
HP	27whp @ 5300rpm	Est. 52whp @ 6900rpm

## Garrett Turbo Kits > VW

2.0L 8V VW Intercooled Golf, Jetta, GTI, Cabrio

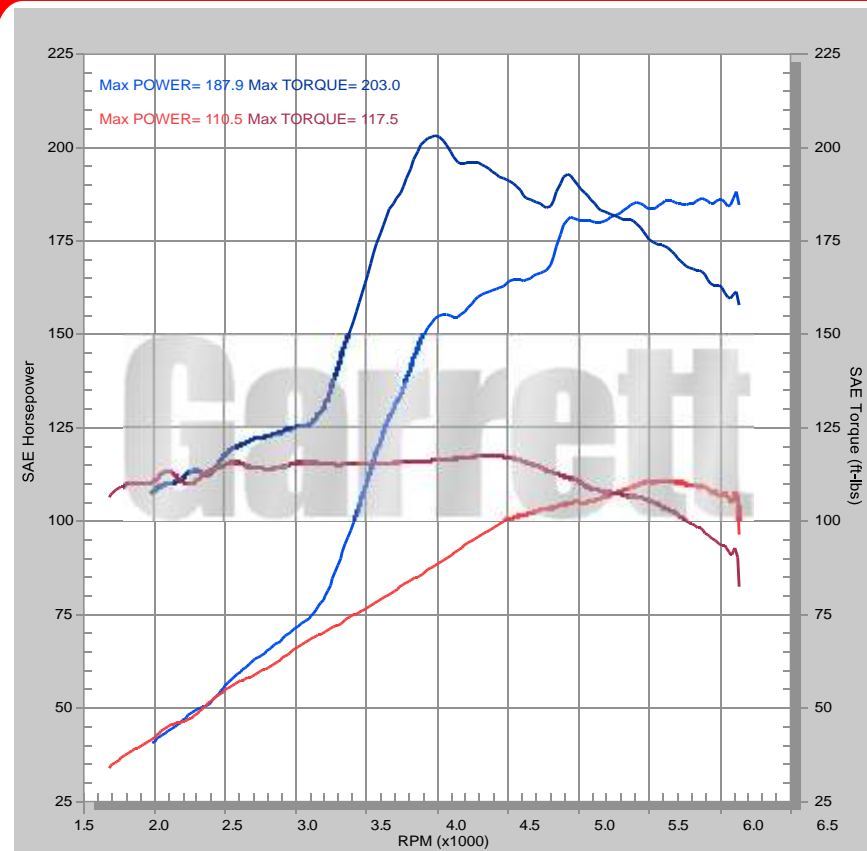


2.0L 8V VW Intercooled Golf, Jetta, GTI, Cabrio

This Garrett Turbo Kit is a drop-in upgrade for the 1993-1998 2.0L 8V VW Golf, Jetta, GTI & Cabrio. This kit contains a Garrett T3 Turbocharger and all of the necessary components to install the kit in your own garage!

- Model years 1993-1998
- Garrett T3 Turbo
- Direct Bolt-on with no engine mods
- 3-4 hour install, not including EPROM time
- Price includes upgrade of ECU
- Was \$2,887.50

NOTICE: Please be advised that you should plan to send in your EPROM certificate at least four to twelve working days before installing the kit. You will not be able to complete the installation in one day without the EPROM for your car's specific model and year.



### PERFORMANCE COMPARISON

	STOCK	GARRETT TURBO KIT
HP	110whp @ 5500rpm	188whp @ 6200 rpm
Torque	118lb·ft @ 4500rpm	203lb·ft @ 4000 rpm

## Garrett Turbo Kits > Audi / VW

### 1.8T Audi A4 & VW Passat



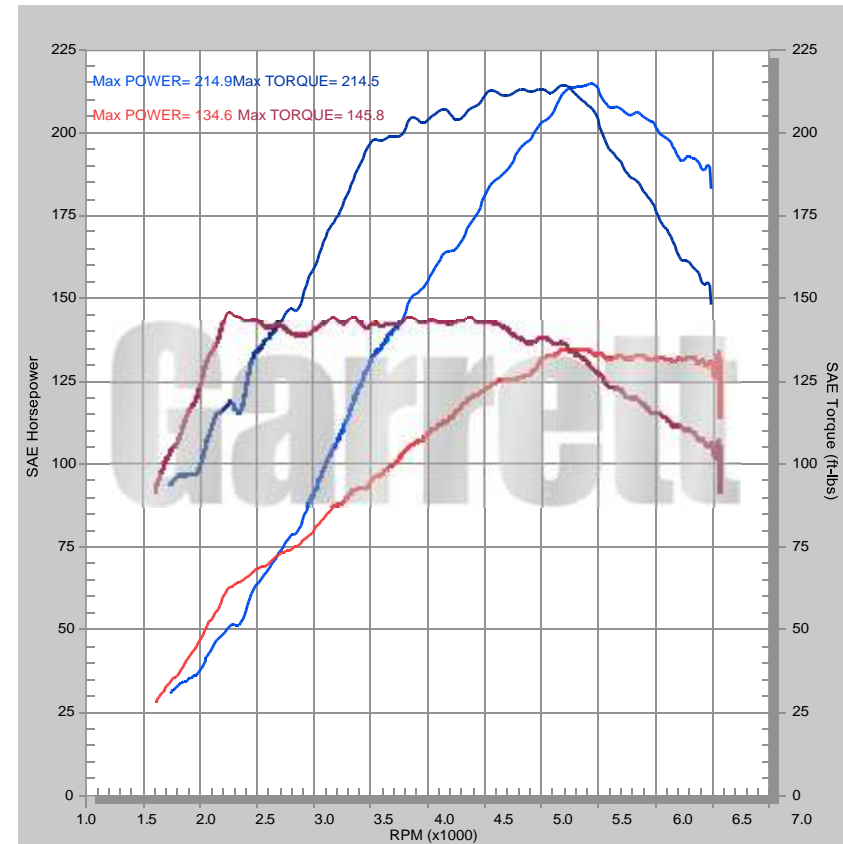
#### 1.8T Audi A4 & VW Passat

This Garrett Turbo Kit is a drop-in upgrade for the longitudinally mounted 1997 - 2002 1.8T VW Passat and Audi A4. This upgrade is designed to keep most components on the stock 1.8T engine such as the exhaust manifold, inlet pipe, pressure pipes, and oil return line. This upgrade does not alter or remove any emissions related components. The kit contains a Garrett GT28R Ball Bearing turbocharger and all of the necessary components to install the kit.

- GT28R Turbo upgrade. The Garrett exclusive Ball bearing turbo will give you unbeatable response, efficiency, and durability. Absence of a thrust bearing eliminates failures at elevated boost levels
- Direct Bolt-on with no engine mods
- 3-4 hour install, not including ECU reprogramming time
- Price includes upgrade of ECU
- Was \$2,047.50

**NOW \$1,878.45!!**

NOTICE: Please be advised that you should plan for vehicular downtime of a minimum of 7 and up to a maximum of 12 days to allow for the shipment, reprogramming, and return shipment of the vehicle's ECU at the Garrett Turbo ECU Reprogramming Center.



#### PERFORMANCE COMPARISON

	STOCK	GARRETT TURBO KIT
HP	135whp @ 5300rpm	215whp @ 5400 rpm
Torque	146lb·ft @ 2200rpm	215lb·ft @ 5200 rpm

## Garrett Turbo Kits > VW

### 1.8T VW Golf, Jetta, GTI, Beetle



#### 1.8T VW Golf, Jetta, GTI, Beetle

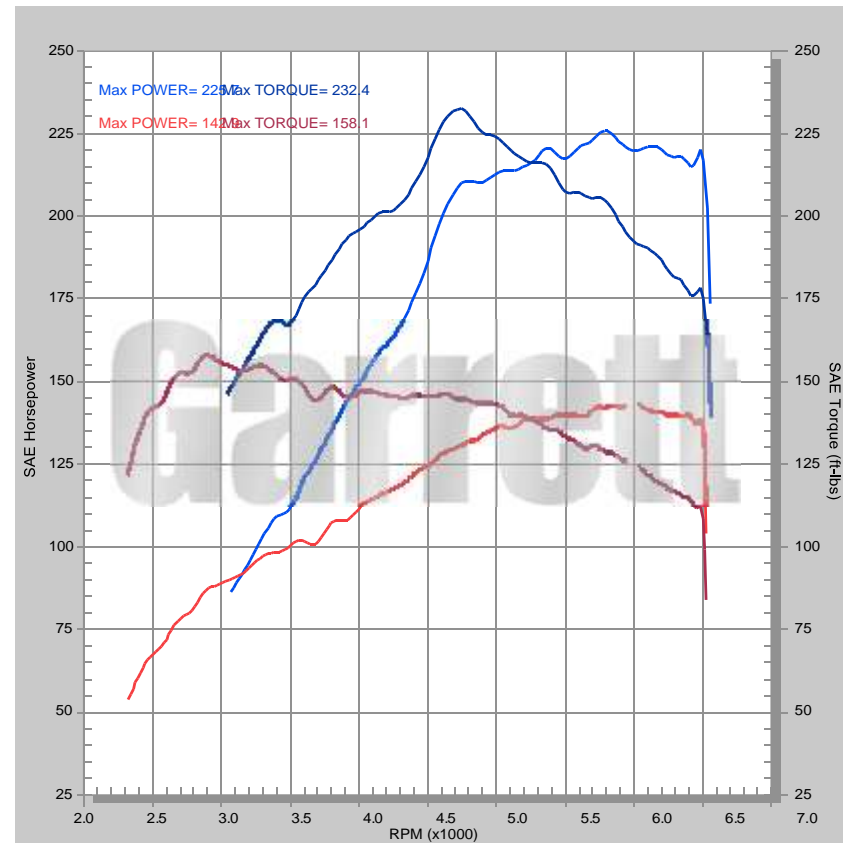
This Garrett Turbo Kit is a drop-in upgrade for the transversely mounted 2000 - 2003 1.8T VW Golf, Jetta, GTI & Beetle. This upgrade is designed to keep most components on the stock 1.8T engine such as the exhaust manifold, inlet pipe, pressure pipes, and oil return line. This upgrade does not alter or remove any emissions related components. The kit contains a Garrett GT28R Ball Bearing Turbocharger and all of the necessary components to install the kit.

- Model years 2000-2003.
- GT28R Turbo upgrade. The Garrett exclusive ball bearing Turbo will give you unbeatable response, efficiency, and durability. Absence of the thrust bearing eliminates failures at elevated boost levels
- Direct Bolt-on with no engine mods
- 3-4 hour install, not including ECU reprogramming time
- Price includes upgrade of ECU

Was \$2,047.50

**NOW \$1,878.45!!**

NOTICE: Please be advised that you should plan for vehicular downtime of a minimum of 7 and up to a maximum of 12 days to allow for the shipment, reprogramming, and return shipment of the vehicle's ECU at the Garrett Turbo ECU Reprogramming Center.



#### PERFORMANCE COMPARISON

	STOCK	GARRETT TURBO KIT
HP	143whp @ 5500rpm	226whp @ 5800rpm
Torque	158lb·ft @ 2800rpm	232lb·ft @ 4700 rpm

## Garrett Turbo Kits &gt; Suzuki Hayabusa

•The Garrett Suzuki Hayabusa kit is designed for the Suzuki GSX1300R 1999-2004 model years. This system is designed to bolt straight on a stock Hayabusa with no other engine mods needed. It takes 8 to 12 hours to install, and no special tools are required. It comes with every part needed to do the installation except oil. This is the only system available for a Hayabusa that keeps the stock oil cooler in its stock location and fits completely under the bodywork. It retains complete stock-like drivability and is very well mannered under boosted conditions. The power delivery is much like that of a stock bike, only a lot more of it! The system is built with only the best in materials, such as a stainless header and a full 2 ¼ inch exhaust with a titanium exhaust canister. A stock Hayabusa produces about 150hp at the rear wheel. With this system, the Hayabusa will make about 235hp @ 6psi of boost and 260 hp at 9 psi of boost!

- Uses a GT28 Turbo that is perfectly matched for this application
- Direct Bolt-on with no engine mods
- 8-12 hour install
- \$5,223.75

Includes: Custom polished billet aluminum air box, Stainless header, Garrett GT28 turbo P/N 466089-0004, Bosch fuel pump and lines, Fuel pressure regulator, Boost gauge and fuel pressure gauge with custom dash. Full exhaust with titanium canister, Aluminum up pipe with silicone hoses, Radiator brackets, Oil lines and fittings for oil cooler, Heavy-duty clutch springs and clutch cover gasket, Oil pan fitting for turbo drain back, Oil line for turbo supply, Complete set of directions with photos.



## PERFORMANCE COMPARISON

	STOCK	GARRETT TURBO KIT
HP	158whp @ 10,000rpm	35whp@ 10,000 rpm; 6psi



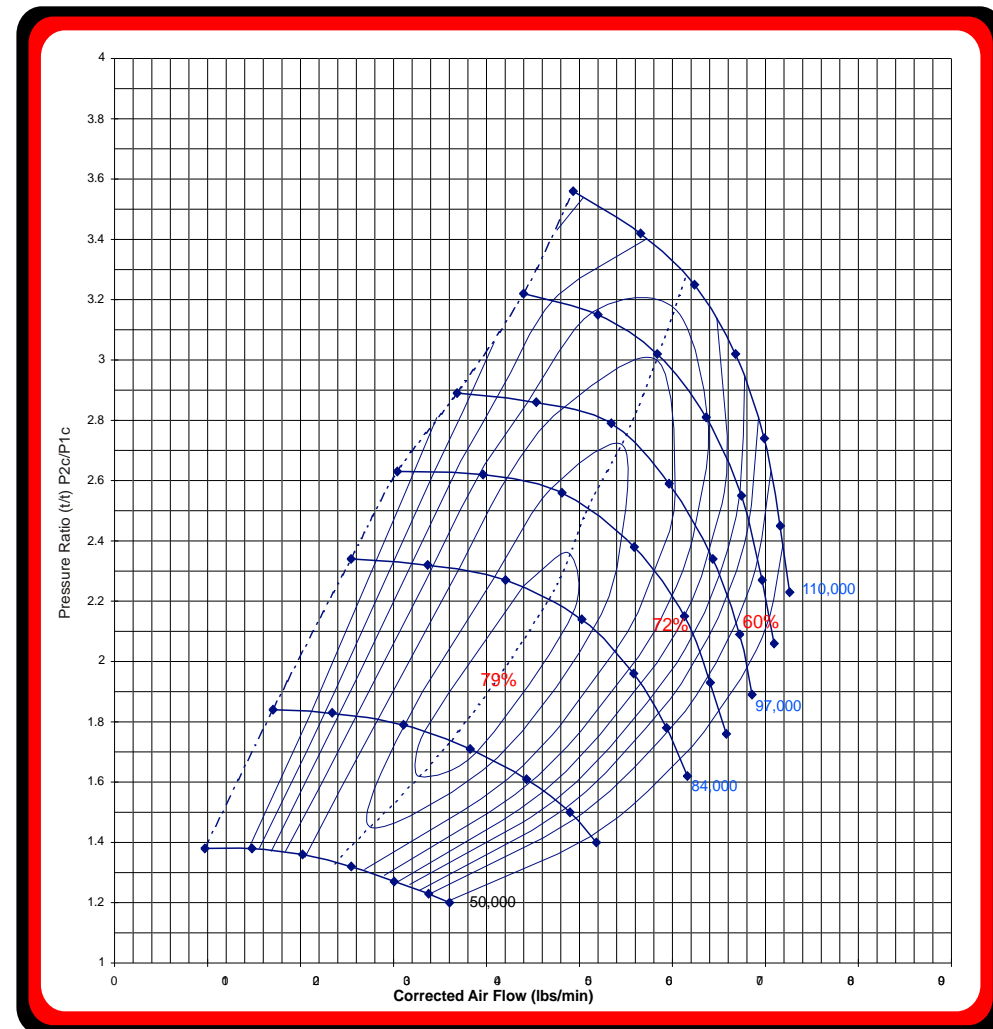
## Garrett Turbo Kits &gt; Ford PowerStroke



F250, F350 &amp; Excursion PowerStroke Diesel

- Model Years 1999.5 - 2003 7.3L PowerStroke Engine
- The GTP38R Turbo
- A Garrett Exclusive Ball Bearing Cartridge for Unbeatable Response, Efficiency, and Durability. Elimination of the Thrust Bearing Eliminates Failures at Elevated Boost Levels
- The 88mm GT Compressor Wheel Provides 33% More Flow than the Stock 80mm Wheel. Ported Shroud Housing Improves Compressor Flow Range for Surge Control
- 1.00 A/R Turbine Housing for Free Flowing Exhaust with Reduced Back Pressure and up to 200° F Reduction in Exhaust Gas Temperature
- Maximum Recommended Boost Level is 40psi

Available through our Master Distributor and Performance Distributor Network.



## PERFORMANCE COMPARISON

	STOCK	GARRETT TURBO KIT
HP	210whp @ 2700rpm	290whp @ 3000rpm*
Torque	420lb·ft @ 500rpm	550lb·ft @ 400rpm*



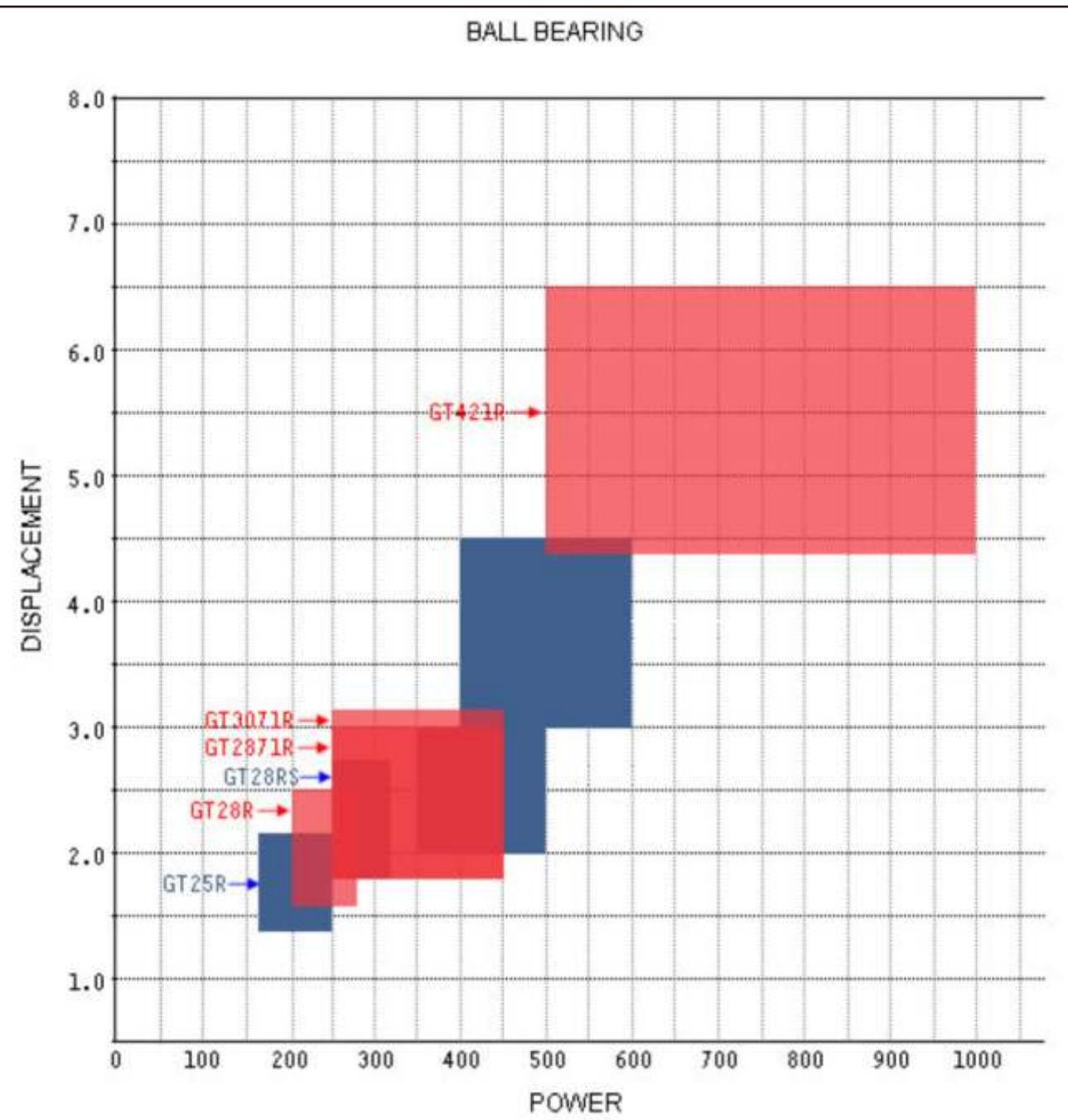
# Displacement Chart

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**Ball Bearing**

**Journal Bearing**

## Ball Bearing

**How to know you are selecting a true Garrett Ball Bearing Turbocharger**

Garrett Ball Bearing Turbochargers always end with an "R" as in GT28R. The R denotes the "rolling" element found in the single cartridge, dual ball bearing design Garrett uses on all GT Ball Bearing Turbochargers contained in the Performance Products Catalog.

