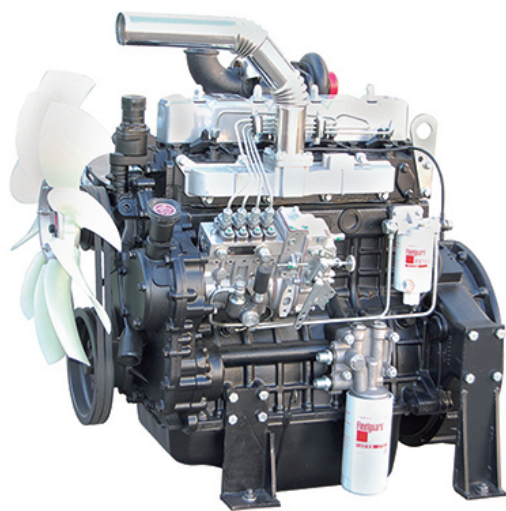


RICARDO POWER
INDUSTRIAL DIESEL ENGINES

Engine Catalogue

Reliable Ricardo diesel engines for generator sets, agriculture, marine, construction, pumping, mining and standby power.



22 models · ~15 kW – 350 kW · Edition 2026

About Ricardo Engines

Ricardo-based diesel engines pair a well-understood combustion architecture — derived from the pioneering combustion research of Sir Harry Ricardo — with rugged mechanical construction. The result is dependable, low-cost industrial power that is easy to service and supported by wide, low-cost spare-parts networks worldwide.

The range spans compact two-cylinder units of around 15 kW up to heavy six-cylinder engines exceeding 250 kW, covering generator sets, agriculture, construction, marine, pumping, mining, oil & gas and standby power.

Why choose Ricardo-based engines

Ricardo combustion technology

Swirl/turbulence chambers for rapid, complete fuel-air mixing.

High torque

Strong low-speed torque for load acceptance and heavy pulling.

Low fuel consumption

Competitive BSFC — from around 195–205 g/kW·h on turbo variants.

Easy maintenance

Mechanical, direct-injection designs serviced with common tools.

Long service life

Replaceable wet cylinder liners on many models for cheap overhaul.

Worldwide availability

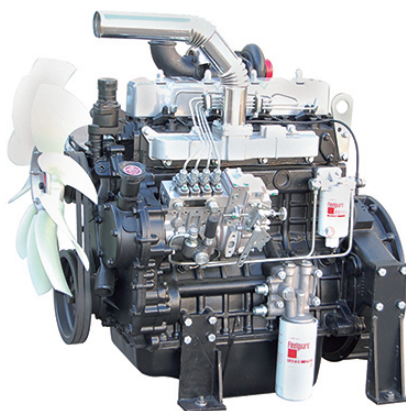
Wide, low-cost spare-parts supply across many markets.

Engine specifications

All figures representative of each engine class · 2026

Model	Series	Cyl	Aspiration	Bore×Stroke	Disp. L	Power kW	hp	rpm	Torque N·m	BSFC	Weight kg
TH4XD-2	R-series (TH-XD)	4	Turbo + IC	110×135	5.32	110	148	1500	700	205	501
295D	2-cylinder	2	NA	95×115	1.63	14.7	20	2000	78	232	205
2100D	2-cylinder	2	NA	100×105	1.65	16.2	22	2000	88	228	215
2105D	2-cylinder	2	NA	105×120	2.08	18.4	25	2000	100	226	235
2110D	2-cylinder	2	NA	110×125	2.38	22	30	2000	118	224	260
495D	495 / 4-cyl	4	NA	95×115	3.26	29.4	40	2000	160	220	340
K4100D	K4100 / 4-cyl	4	NA	100×115	3.61	30	41	1500	191	218	360
K4100ZD	K4100 / 4-cyl	4	Turbo	100×115	3.61	41	55	1500	261	210	375
K4102D	K4102 / 4-cyl	4	NA	102×115	3.76	33	45	1500	210	216	368
K4102ZD	K4102 / 4-cyl	4	Turbo	102×115	3.76	46	62	1500	293	208	382
R4105D	R4105 / 4-cyl	4	NA	105×120	4.16	48	65	1500	306	214	410
R4105ZD	R4105 / 4-cyl	4	Turbo	105×125	4.33	56	75	1500	356	231	439
R4105AZD	R4105 / 4-cyl	4	Turbo	105×120	4.16	68	92	1500	433	203	432
R6105ZD	R6105 / 6-cyl	6	Turbo	105×125	6.49	84	113	1500	535	224	560
R6105AZD	R6105 / 6-cyl	6	Turbo	105×120	6.23	100	136	1500	637	201	570
R6105AZLD	R6105 / 6-cyl	6	Turbo + IC	105×130	6.75	110	148	1500	700	225	565
R6105IZLD	R6105 / 6-cyl	6	Turbo + IC	105×135	7.02	132	177	1500	840	225	572
R6110ZLD	R6110 / 6-cyl	6	Turbo + IC	110×125	7.13	150	204	1500	955	197	720
R6113ZLD	R6113 / 6-cyl	6	Turbo + IC	113×130	7.82	190	258	1500	1210	196	820
R6126ZLD	R6126 / 6-cyl	6	Turbo + IC	126×130	9.73	258	350	1500	1643	195	1050
618D	618 / 6-cyl	6	Turbo	126×155	11.6	247	336	1500	1573	197	1180
618AD	618 / 6-cyl	6	Turbo + IC	126×155	11.6	272	370	1500	1732	196	1210

TH4XD-2



The TH4XD-2 is the flagship four-cylinder, turbocharged and charge-air-cooled (XŽS<N-Q.) industrial diesel from the Ricardo-based R-series. Rated 110 kW with fuel consumption from 205 g/kW·h, it combines strong output with the low-speed torque and serviceability the R-series is known for.

Configuration

4-cylinder, inline, 4-stroke

Bore × stroke

110 × 135 mm

Compression ratio

17 : 1

Also rated

110 kW @ 1800 rpm

Fuel consumption

205 g/kW·h

Dimensions (L×W×H)

1020 × 800 × 1190 mm

Aspiration

Turbocharged & intercooled

Displacement

5.32 L

Rated power

110 kW / 148 hp @ 1500 rpm

Max torque

"H 700 N·m

Cooling

Water-cooled (radiator)

Net weight

501 kg

Talk to our engine team

Whether you are buying a single genset engine or exploring an OEM partnership, tell us your power, quantity and application and we will point you to the right people.

SALES

sales@ricardo-power.com

OEM & PARTNERSHIPS

partnerships@ricardo-power.com

WEB

ricardo-power.com