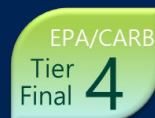


HYUNDAI DX05



INDUSTRIAL

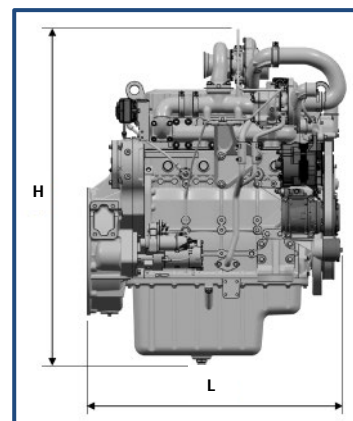
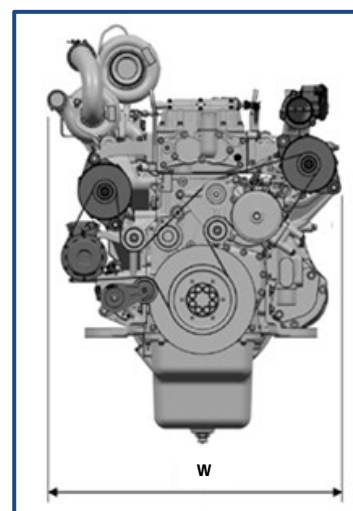
Power Rating

Engine Suffix	Max. Power kW (HP) / rpm	Max. Torque Nm (kg.m) / rpm	Emission	After Treatment System
MFP00/LEP00	171.2 (229.6) / 2,200	955 (97.4) / 1,400	[MFP] Stage V/ Tier4Final [LEP] Tier4Final	DOC+DPF+SCR (No EGR)
MFP01/LEP01	161.7 (216.8) / 2,200	955 (97.4) / 1,400		
MFP02/LEP02	150.9 (202.4) / 2,200	830 (84.6) / 1,400		
MFP03/LEP03	129.0 (173.0) / 2,200	830 (84.6) / 1,400		

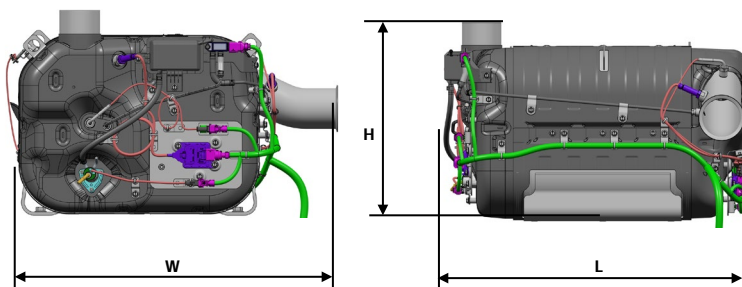


Engine Specifications

Engine Model	DX05
Cylinders and Arrangement	4-cylinder / In-line type
Valve System Type	Over head valve
Bore x Stroke	110 x 132 mm
Displacement	5.018 liter
Compression Ratio	16.6 : 1
Rotation	Counterclockwise viewed from Flywheel
Firing Order	1-3-4-2
Fuel System	Common-rail pump Direct injection controlled by ECU
Aspiration	Turbo charger & Intercooler
After Treatment System	DOC + DPF + SCR
Water Flow	400 liter/min @ 2,200 rpm (162/171kW)
Cooling Method	Fresh water forced circulation
Dimension (L x W x H)	2- Stage : 920 x 905 x 1,171 mm Single : 920 x 825 x 1,099mm
Dry Weight(w/o Fan & ATS)	2-Stage : 628 kg, Single : 582kg



Aftertreatment Unit



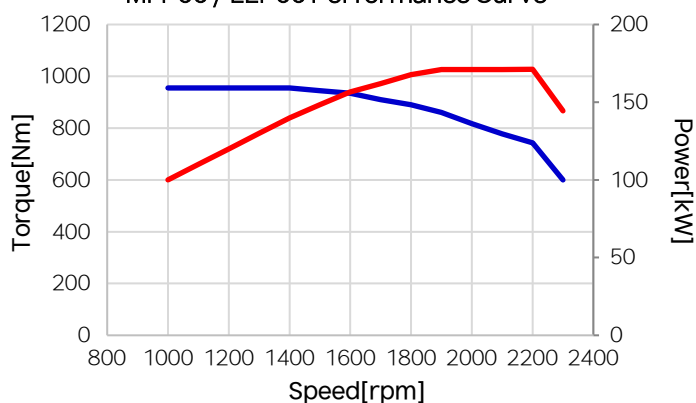
Dimension (mm)

L	W	H
790	831	513

Performance Curve

2-Stage

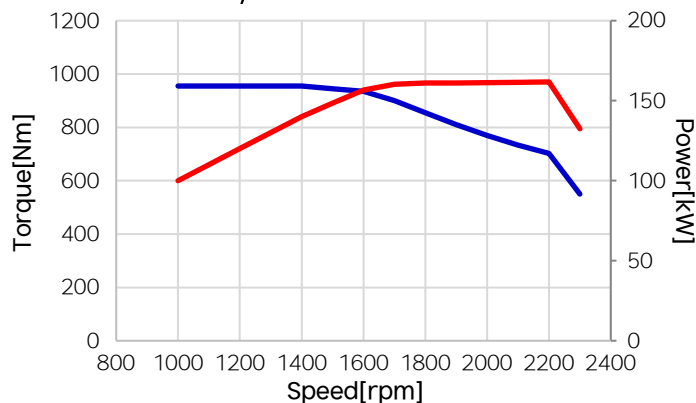
MFP00 / LEP00 Performance Curve



DX05-MFP00 / LEP00

Speed rpm	Power			Torque	
	kW	PS	HP	Nm	kgf.m
1000	100.0	136.0	134.1	955.0	97.4
1100	110.0	149.6	147.5	955.0	97.4
1200	120.0	163.2	160.9	955.0	97.4
1300	130.0	176.8	174.3	955.0	97.4
1400	140.0	190.4	187.8	955.0	97.4
1500	148.4	201.8	199.1	945.0	96.4
1600	156.7	213.0	210.1	935.0	95.3
1700	162.0	220.3	217.2	910.0	92.8
1800	167.8	228.1	225.0	890.0	90.8
1900	171.1	232.6	229.5	860.0	87.7
2000	171.1	232.6	229.5	817.0	83.3
2100	171.1	232.6	229.4	778.0	79.3
2200	171.2	232.7	229.5	743.0	75.8
2300	144.5	196.5	193.8	600.0	61.2

MFP01 / LEP01 Performance Curve



DX05-MFP01 / LEP01

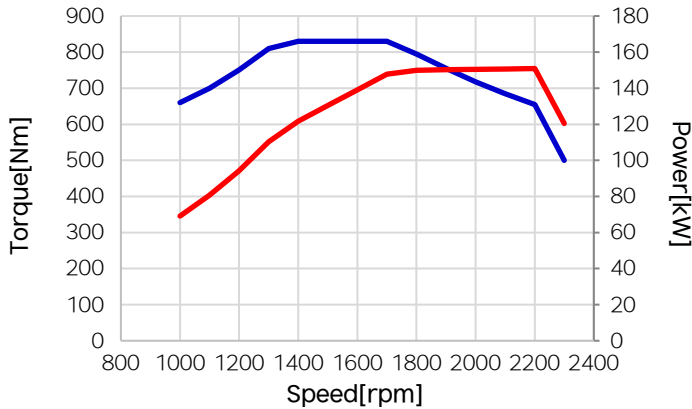
Speed rpm	Power			Torque	
	kW	PS	HP	Nm	kgf.m
1000	100.0	136.0	134.1	955.0	97.4
1100	110.0	149.6	147.5	955.0	97.4
1200	120.0	163.2	160.9	955.0	97.4
1300	130.0	176.8	174.3	955.0	97.4
1400	140.0	190.4	187.8	955.0	97.4
1500	148.4	201.8	199.1	945.0	96.4
1600	156.7	213.0	210.1	935.0	95.3
1700	160.2	217.8	214.9	900.0	91.8
1800	161.2	219.1	216.1	855.0	87.2
1900	161.2	219.1	216.1	810.0	82.6
2000	161.3	219.3	216.3	770.0	78.5
2100	161.4	219.5	216.5	734.0	74.8
2200	161.7	219.9	216.9	702.0	71.6
2300	132.5	180.1	177.6	550.0	56.1

※ Specifications are subject to change without prior notice.

Performance Curve

Single

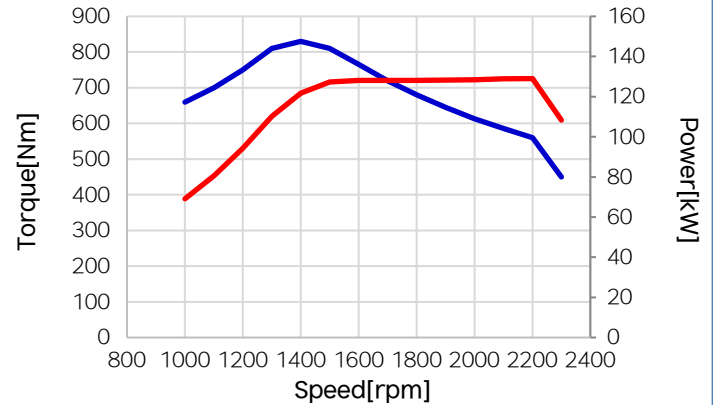
MFP02 / LEP02 Performance Curve



DX05-MFP02 / LEP02

Speed rpm	Power			Torque	
	kW	PS	HP	Nm	kgf.m
1000	69.1	94.0	92.7	660.0	67.3
1100	80.6	109.6	108.1	700.0	71.4
1200	94.2	128.1	126.4	750.0	76.5
1300	110.3	149.9	147.9	810.0	82.6
1400	121.7	165.4	163.2	830.0	84.6
1500	130.4	177.3	174.8	830.0	84.6
1600	139.1	189.1	186.5	830.0	84.6
1700	147.8	200.9	198.1	830.0	84.6
1800	149.9	203.7	201.0	795.0	81.1
1900	150.2	204.2	201.4	755.0	77.0
2000	150.4	204.5	201.7	718.0	73.2
2100	150.6	204.8	202.0	685.0	69.8
2200	150.9	205.2	202.4	655.0	66.8
2300	120.4	163.7	161.5	500.0	51.0

MFP03 / LEP03 Performance Curve



DX05-MFP03 / LEP03

Speed rpm	Power			Torque	
	kW	PS	HP	Nm	kgf.m
1000	69.1	94.0	92.7	660.0	67.3
1100	80.6	109.6	108.1	700.0	71.4
1200	94.2	128.1	126.4	750.0	76.5
1300	110.3	149.9	147.9	810.0	82.6
1400	121.7	165.4	163.2	830.0	84.6
1500	127.2	173.0	170.6	810.0	82.6
1600	128.2	174.3	171.9	765.0	78.0
1700	128.2	174.3	171.9	720.0	73.4
1800	128.2	174.3	171.9	680.0	69.3
1900	128.3	174.5	172.1	645.0	65.8
2000	128.4	174.6	172.2	613.0	62.5
2100	128.9	175.2	172.8	586.0	59.8
2200	129.0	175.4	173.0	560.0	57.1
2300	108.4	147.4	145.3	450.0	45.9

※ Specifications are subject to change without prior notice.