

HYUNDAI

DM02



EU STAGE
V



INDUSTRIAL

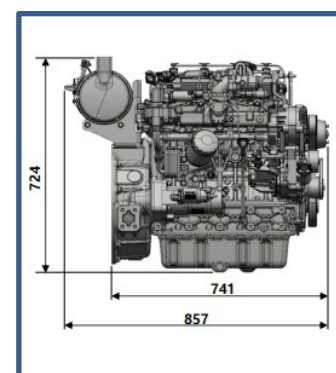
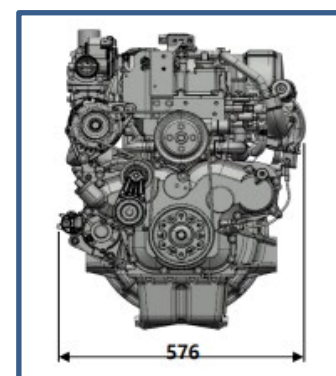
Power Rating

Max. Power kW (HP) / rpm	Max. Torque Nm (lb-ft) / rpm	After Treatment System
55.4(74.3) / 2600	320(32.6) / 1600	DOC+DPF
50.3(68.0) / 2600	252(25.7) / 1800	
41.0(55.0) / 2600	204(20.8) / 1800	
36.6(49.0) / 2600	182(18.6) / 1800	



Engine Specifications

Engine Model	DM02
Cylinders and Arrangement	In-line type, 4-cylinder
Valve System Type	Over head valve
Bore x Stroke	90 x 94 mm
Displacement	2.4 liter
Compression Ratio	17 : 1
Rotation	Counterclockwise viewed from Flywheel
Firing Order	1-3-4-2
Fuel System	Common rail Direct injection controlled by ECU
Aspiration	Turbo charger & Intercooler
After Treatment System	DOC + DPF
Water Flow	122 liter/min @ 2600 rpm (74HP) 122 liter/min @ 2600 rpm (68HP) 122 liter/min @ 2600 rpm (55HP) 122 liter/min @ 2600 rpm (49HP)
Cooling Method	Fresh water forced circulation
Dimension (L x W x H)	857 x 576 x 724 mm
Dry Weight	250 kg (with After Treatment)



Key Features and Benefit

Compact

Designed to be mounted on a wide variety of small-sized equipment

Economical

Meet customers' expectation about reliability, quality and efficiency

High Performance

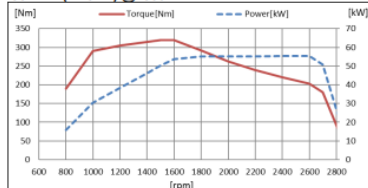
A high output and a high/low torque and keep working well even in harsh conditions

Convenient

Compact size, flexible post-treatment system, and handiness in mounting

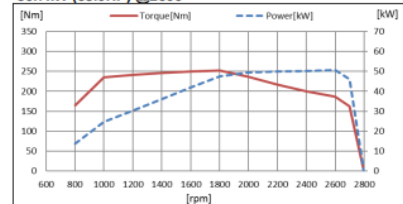
Performance Curve

55.4kW (74.3HP) @2600



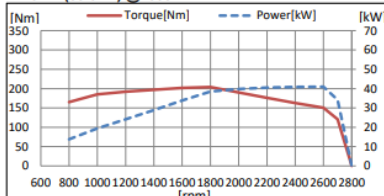
speed	Power			Torque		
	kW	PS	HP	Nm	kgm	
800	15.9	21.6	21.3	190.0	19.4	
1000	30.4	41.3	40.7	290.0	29.6	
1200	38.3	52.1	51.4	305.0	31.1	
1400	46.2	62.8	61.9	315.0	32.1	
1500	50.3	68.3	67.4	320.0	32.6	
1600	53.6	72.9	71.9	320.0	32.6	
1800	55.0	74.8	73.8	292.0	29.8	
2000	55.1	74.9	73.9	263.0	26.8	
2200	55.1	74.9	73.8	239.0	24.4	
2400	55.3	75.2	74.1	220.0	22.4	
2600	55.4	75.3	74.3	203.5	20.8	
2700	50.9	69.2	68.2	180.0	18.4	
2800	26.4	35.9	35.4	90.0	9.2	

50.7kW (68.0HP) @2600



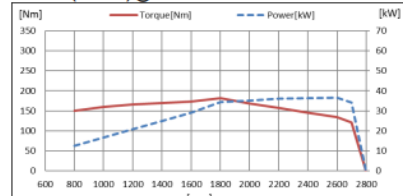
speed	Power			Torque		
	kW	PS	HP	Nm	kgm	
800	13.8	18.8	18.5	165.0	16.8	
1000	24.6	33.5	33.0	235.0	24.0	
1200	30.3	41.2	40.6	241.0	24.6	
1400	36.1	49.0	48.4	246.0	25.1	
1600	41.9	57.0	56.2	250.0	25.5	
1800	47.5	64.6	63.7	252.0	25.7	
2000	49.4	67.2	66.3	236.0	24.1	
2200	50.0	68.0	67.0	217.0	22.1	
2400	50.3	68.3	67.4	200.0	20.4	
2600	50.7	68.9	68.0	186.2	19.0	
2700	46.0	62.6	61.7	162.8	16.6	

41.0kW (55.0HP) @2600



speed	Power			Torque		
	kW	PS	HP	Nm	kgm	
800	13.8	18.8	18.5	165.0	16.8	
1000	19.4	26.3	26.0	185.0	18.9	
1200	24.1	32.8	32.4	192.0	19.6	
1400	28.9	39.3	38.7	197.0	20.1	
1600	33.8	46.0	45.4	202.0	20.6	
1800	38.5	52.3	51.6	204.0	20.8	
2000	39.8	54.1	53.4	190.0	19.4	
2200	40.5	55.1	54.4	176.0	17.9	
2400	40.8	55.5	54.8	162.5	16.6	
2600	41.0	55.7	55.0	150.5	15.3	
2700	34.2	46.4	45.8	120.8	12.3	

36.6kW (49.0HP) @2600



speed	Power			Torque		
	kW	PS	HP	Nm	kgm	
800	12.6	17.1	16.9	150.0	15.3	
1000	16.8	22.8	22.5	160.0	16.3	
1200	20.9	28.4	28.0	166.0	16.9	
1400	24.9	33.9	33.4	170.0	17.3	
1600	29.0	39.4	38.9	173.0	17.6	
1800	34.3	46.6	46.0	182.0	18.6	
2000	35.2	47.8	47.2	168.0	17.1	
2200	36.2	49.2	48.5	157.0	16.0	
2400	36.4	49.5	48.9	145.0	14.8	
2600	36.6	49.7	49.0	134.3	13.7	
2700	34.2	46.4	45.8	120.8	12.3	

※ Specifications are subject to change without prior notice.