## **ENGINE BUILD OPTIONS**

for industrial diesel engines manufactured by OJSC "Minsk Motor Plant" Holding Managing Company"

Engine build options	D-246.1	D246.2	D-246.3	D-246.4	D-266.1	D-266.2	D-266.3	D-266.4
Cooling system								
Push-type fan Ø456 mm								
Push-type fan Ø510 mm								
Pull-type fan Ø456 mm								
Pull-type fan Ø510 mm								
Water radiator (attached to engine)								
Flywheel housing								
SAE3								
SAE 2								
No housing								
Flywheel								
SAE11 ½,								
Flywheel with pins, projection 22 mm								
Flywheel with pins, projection 56,5 mm								
Flywheel with pins, projection 93,5 mm								
Flywheel without pins								
		Oiling system	1					
Centrifugal oil filter								
Changeable unseparable oil filter								
Changeable unseparable oil filter with liquid-oil heat exchanger (LOHE)								
Electric equipment (starter	, alternator, gl	ow plugs, fuel i	njection pump	electro-magn	etic stop valv	e)		-
12V voltage					_			
24V voltage								
Classical starter								
Reduction starter								
Charging alternator, induction type (no brushes)								
Charging alternator, brush-collector type								
Alternator output (is being approved)								
No alternator (tension roller for D-246 series)								
Front support								
Soft (tractor application)								
Rigid (automobile application)								

Engine build options	D-246.1	D-246.2	D-246.3	D-246.4	D-266.1	D-266.2	D-266.3	D-266.4
Sensors manufactured by OJSC "Ekran", Borisov								
DD-6E pressure indicator sensor								
DADM-03 oil pressure alarm sensor								
DATZH liquid temperature alarm sensor								
DUTZH liquid temperature indicator sensor								
DSF-65 air cleaner clog warning sensor								
	Fuel	and air supply	systems					
Charged air cooler (attached to all engines except for D-246.1 and D-246.2)	-	-						
Charged air cooler mounting and connection elements (customer option)	-	-						
Air cleaner with monocyclone is mounted on D-246.1 and D-246.2 and attached to all other engine models.	-	-						
Power take-of mechanism								
One-disk clutch, controlled								
Two-disks clutch, controlled								
Exhaust system								
Silencer								
Consumables								
Fuel filter (quantity)								
Oil filter (quantity)								
Drive belts (quantity)								
Other parts and elements (customer option)								
Notes:			•	•	•		•	•

## Notes:

- D-246.1	$Ne_{HOM.} = 42 \text{ kW}$ , no turbocharging, 4-cylinder;
D 246 2	NI 541337 ( 1 1 1 1 ) ( 1)

- D-246.2 Ne <sub>HOM.</sub> = 54 kW, turbocharged, no intercooling, 4-cylinder;

- D-246.3 Ne <sub>HOM</sub> = 65 kW, turbocharged, intercooled, 4-cylinder;

- D-246.4 Ne<sub>HOM.</sub> = 77 kW, turbocharged, intercooled, 4-cylinder;

- D-266.1 Ne <sub>HOM.</sub> = 80 kW, turbocharged, intercooled, 6-cylinder;

- D-266.2 Ne<sub>HOM.</sub> = 95 kW, turbocharged, intercooled, 6-cylinder;

- D-266.3 Ne HOM = 115 kW, turbocharged, intercooled, 6-cylinder;

- D-266.4 Ne <sub>Hom.</sub> = 127 kW, turbocharged, intercooled, 6-cylinder;

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