



BELARUS-820

Technical characteristics

Engine

Type	diesel without turbocharging, with direct injection , 4-cylinder produced by Minsk Motor Plant
Capacity, h.p./kW	81/59,6
Brand mark	D-243
Ecological standard	Stage 0/Stage I
Fuel use, g/(kW·h)	229 ⁺³
Torque capacity, H·m ²	298

Transmission system

Selective gear	mechanical, fixed-ratio
Flywheel clutch	dry, single-disk
Number of gears FWD/BWD μ	18/4
Back PTO shaft, min ⁻¹	540/1000

Hydraulics

Load-carrying capacity of back suspension gear on suspension axis, kg, minimum	3200
Full scale pressure, MPa	20 ⁻²
Pump displacement at nominal speed of diesel crankshaft, l/min, minimum	45
Hydraulics reservoir capacity, l	25,5 ± 0,5

Undercarriage

Type	wheeled
Axle arrangement	4K4

Tires

front	360/70R24;
back	18.4R34;

Other specifications

Maximum weight, kg	6190
Climatic modification	Y1/T1
Minimum and maximum speed FWD/BWD, km/h	Min 1,94/4.09 Max 34,3/9,22
Reverse gear	mechanical
Draft control unit	
Front weights	208 KG
Rear ballast weights	
3-point linkage with drawbar	
Hydrostatic power steering	
Dry two-discs brakes	
Tool box	
Catalogue of spare parts and assembly units	