

BELARUS

2822DC

- The tractor is designed for various agricultural operations of general purposes: general tillage and pre-sowing soil treatment, sowing in combination with wide-cut and combined machinery, harvesting consisting of high efficient harvest complexes, transportation and handling operations.
- Distinctions:
 - Diesel engine complies with Tier II Stage according to emissions of hazardous substances.
 - Mechanically controlled hydraulic hitch system, set for rear wheels doubling in standard components, air conditioner, front hitch, front PTO.
- Optional equipment:
 - Set for rear wheels doubling
 - To 1350 kg front ballast
 - Seat with pneumatic springing
 - Hydraulic system with 5 pairs of free outlets



ENGINE

Type	diesel with turbocharging and aftercooling
Model	BF06M1013FC (DEUTZ)
Rated power, kW (hp)	205 (278)
Rated speed, rpm	2200
Number of cylinders, pcs.	6
Bore/stroke, mm	108 x 130
Displacement, l	7.146
Maximum torque, N·m	1100
Fuel rate at operating power, g/kW·h	254
Factor of torque backup, %	30
Fuel tanks capacity, l	500

TRANSMISSION

Clutch	dry, double disk, spring-loaded,
Gearbox	fixed-ratio, with constant-mesh gears, gears shifting within the range - by means of hydrocontrolled friction clutches
Number of gears:	
forward/ reverse	24/12; 36/24 with creeper
Travel speed, km/h:	
forward/reverse	0.36–40.0/0.4–19.6
Rear PTO:	
independent I, rpm	1000
independent II, rpm	1000
Front PTO, rpm	independent
Shank rated speed, rpm	1000

Differential lock: friction-type, automatic with hydraulic drive, has 3 operation modes (disengaged; automatic disengagement and engagement; forced engaged).

Rear axle with close-type bevel differential and planetary final drive.

DIMENSIONS AND WEIGHTS

Overall length, mm	6150
Width, mm	2630
Height, mm	3150
Wheelbase, mm	3010
Tread, mm	
front wheels	1830 and 1950
rear wheels (dual)	1780–2120 (2404–2744)
Road clearance, mm	550
Min turning radius, m	5.5
Operating weight, kg	11500
Tire sizes:	
front wheels	540/65R30
rear wheels	580/70R42

HYDRAULIC HITCH SYSTEM

Versatile hydraulic system for implement tools control with variable-flow pump, with draft, position and combined depth control, 4 pair of free outlets.

Maximum pressure, MPa	20
Pump capacity, l/min	0-100
Oil tank capacity, l	90
Rear hitch lifting capacity, kg	10000
Front hitch lifting capacity, kg	5000