
304 Agricultural transaxle

Features

- › Application range, with engine outputs of 35-42 HP at a 2000 rpm, specifically designed for tractors bound for the emerging markets and non-demanding tasks.
- › The two-axis design reduces dimensions, leaving ample room for the driver area.
- › The basic version, with 8 forward plus 2 reverse speeds and constant mesh “collar shift” gears, allows massive cost savings.
- › The hydraulic lift draft, position and mixed control type, lift capacity 10,000 N, is designed for large attachments, thereby reducing job performance times.
- › The mechanically operated “Ball & Ramp” wet brakes positioned close to the differential act before the reduction unit and are virtually maintenance free.
- › The mechanical pedal-controlled differential locking ensures optimal grip even on difficult terrain.
- › The optimal speed distribution between 2.6-32 Km/h allows smooth operation with the different attachments carried on the 3-point hitch or towed.
- › The SAE 4 clutch housing interfaces with different engine makes and satisfies the need for flexibility and image demanded by the various manufacturers.

Options

- › The fully synchronised 8 forward plus 2 reverse version offers a smooth, progressive gear change with the tractor on the go.
- › The independent PTO at 540 rpm or 540/540E is designed to transmit all the engine power available and is therefore ideal for jobs with balers, rotary cultivators, etc. It also allows for tractor stop during implements use.
- › The factory fitted “Rice paddy” seals enable working also in the such high demanding environments.
- › The facility for mechanical-control 4WD take-off will soon be incorporated, adding further versatility to the transaxle.

Input power max kW (ECE R24)	kW	25.5
Input rotational speed max	rpm	2000
Input torque max	Nm	149

NUMBER OF GEARS

· Main transmission		4 x 2
· Split/reversing transmission		1F + 1RS
· Total		8F + 2RS

SHIFTING

· Main transmission		Speeds and range collar shift type
· Split transmission		-
· Forward/Reverse Transmission		

Flange to flange distance	mm	1368
Max torque at rear axle	kNm	7.8
Total weight of vehicle max	kN	1.8
Rear axle max allowed tires		13.6R28
Radius index	mm	625
Total weight of transaxle max [including rockshaft and MFWD]	kN	0.47

OPTIONS

1 or 2 Pto speed / Ground drive Pto / MFWD / Syncro speeds / Total speeds 8F + 8R

