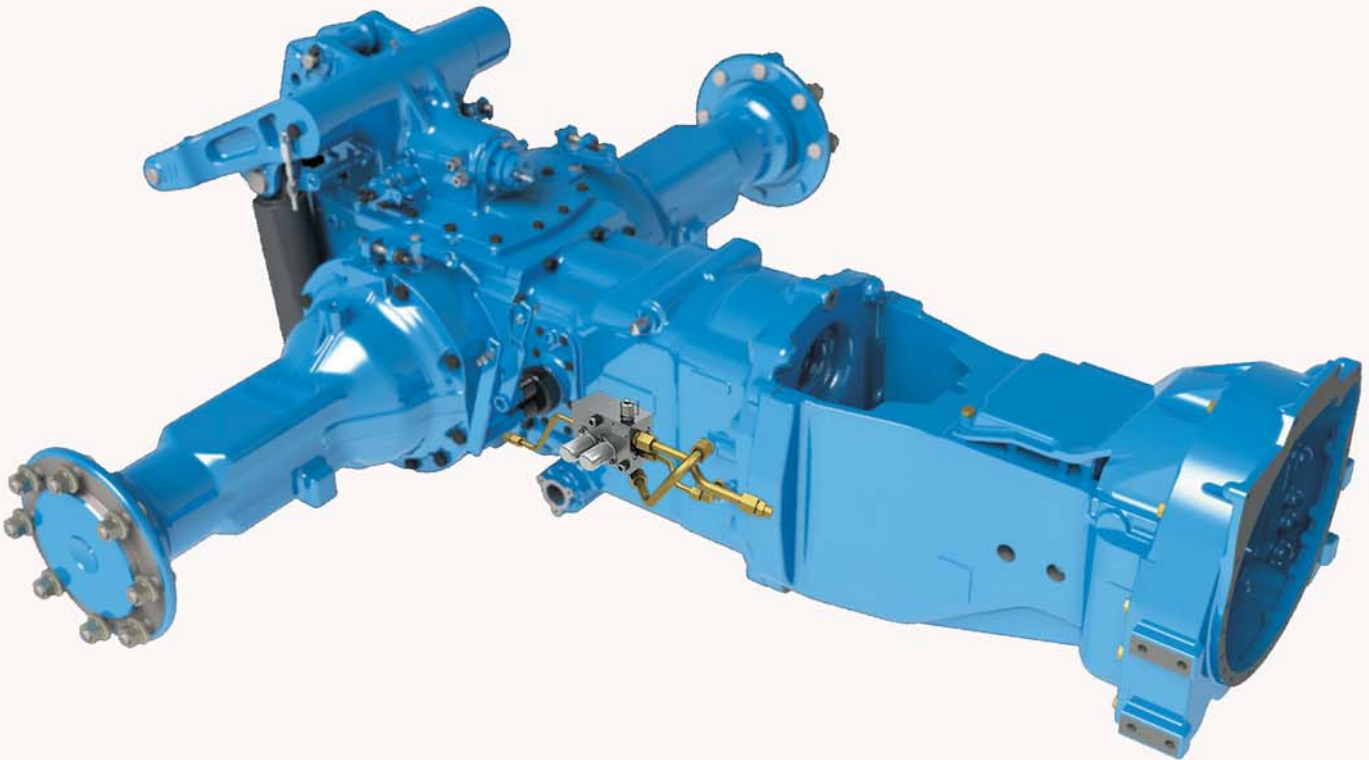


## H-102 TRANSAXLE FOR AGRICULTURAL TRACTORS

- H-102 is specifically developed for agricultural tractors the range between 80 - 102 HP power rating.
- The independent rear PTO has been designed to transmit all the engine's power and is therefore ideal for tractors.
- The Lay shaft design reduces gearbox size and provides enough room in the driver area , significantly enhancing ergonomics and comfort
- The wet service brakes , situated near the differential and before the final reduction, are designed to be virtually maintenance free and to last as the tractor. This version control is available as an optional on the version with suspended pedals for tractors with cabs,
- The wide range of options are available , such as 12 forward / 12 reverse , 16 forward / 8 reverse or 8 forward / 4 reverse gears , 40 km/h , are designed for highest satisfaction.
- The 540 rpm one - speed rear PTO is offered , also two speed 540 / 540E or 540 / 1000, three speed 540 / 540 E / 1000 and 540 / 540E / 540R available. Operational efficiency and easy handling are the remarkable features of the H-102 transaxle.



# H-102 TRANSAXLE FOR AGRICULTURAL TRACTORS

## INPUT DATA

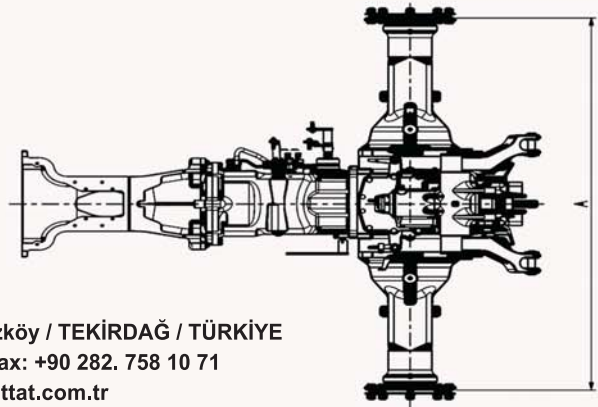
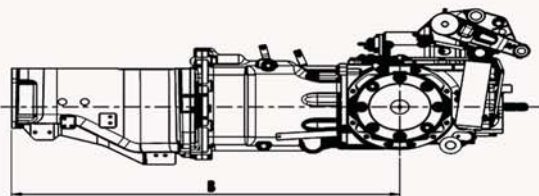
Maximum transmission power	102 HP
Max. Engine Speed at rated power	2200 rpm
Max.Torque	360 Nm

## CONFIGURATION

Total Gear (Fwd&Rev )	8F+4R	12F+12R	16F X 8R
Gear Box Configuration Gear and Ranges	4 X 2	4 X 3	2 X 4 X 2
Splitter	NO	NO	Syncro Gear
PTO (optional)	rpm 540 rpm 540 / 540E rpm 540 / 1000 rpm 540 / 540E / 1000 rpm 540 / 540E / 540R	rpm 540 rpm 540 / 540E rpm 540 / 1000 rpm 540 / 540E / 1000 rpm 540 / 540E / 540R	rpm 540 rpm 540 / 540E rpm 540 / 1000 rpm 540 / 540E / 1000 rpm 540 / 540E / 540R
Gear Box Shifting	Syncro Gear	Syncro Gear	Syncro Gear
Gear Box Reverse Shifting	Syncro Gear	Syncro Gear	Syncro Gear
Shuttle Shifting	-	Syncro Gear	-
Differential Lock	Hydr. Actuation	Hydr. Actuation	Hydr. Actuation
Service Brake	Wet type Hydraulic	Wet type Hydraulic	Wet type Hydraulic
Parking Brake	Wet type Mechanical Actuation	Wet type Mechanical Actuation	Wet type Mechanical Actuation

## MAIN DATA

Flange to Flange Distance ( A )	mm	1150 - 1700
Rear Axle center to Front End Distance ( B )	mm	1380
Reference Torque at Rear Axle	Nm	35 000
Total Tractor Ballasted Weight	kg	3600
Max.Rear Tire Size		16.9 R 38
Rear Tire Index Radius	mm	800
Rear Lift Capacity at Lower Link	kg	4400



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