




























MODEL	PICTURE	TYPICAL APPLICATIONS	RATIO	MAX HP	INPUT SPEED (rpm)	OVERALL SIZE (HxWxD - in)
D098 Right Angle, Speed Reducer		Snowblower Features include precision ground spiral bevel gears and optimized for long life in a rugged application.	2:1	600	540	25 x 66 x 20
D101 Speed Reducer Or Speed Increaser		Orchard Sprayer, PTO driven Grain Vac, Utility Tractor, Farm Waste Pumping Systems Features include an aluminum housing, numerous input and output shaft configurations, agricultural PTO connection and auxiliary hydraulic pump input or output.	1.19:1 to 4.5:1 Or 1:1.19 to 1:4.5	50 - 240	540 – 1,000	16.5 x 12.4 x 5.5
D104 Planetary, Speed Reducer		Snowblower Features include precision gearing and refined housing specifications for ongoing performance enhancements of the planetary drive.	5:1	460-540	1,500	20 Dia. x 48 L
D106 Transfer Case, Speed Reducer		Street Sweeper Features include 2 speed, shiftable configuration.	1:1 to 4:1	55-190	1,000	13 x 10 x 10.0



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D144 Speed Reducer		Air Drilling Reciprocating Piston Booster Compressor & Dredging Features include flexible mounting connections, SAE bell housing with clutch, rubber block drive or flange connections.	1.26:1 to 2.96:1	600	1,800	25 x 30 x 38
D146 Speed Reducer		Snow Machines for Mountain Top Access, Ski Slope Grooming, Artic Rescue Missions Specialty design includes a reinforced aluminum housing optimized for size and weight, multiple outputs.	1.46:1	240	2,500	25 x 10 x 12
D169 Transfer Case, Speed Reducer		Hot Oil Truck Features include flexible mounting connections, SAE bell housing with clutch, rubber block drive or flange connections.	1:1 to 3:1	500	2,800	36 x 18 x 24
D170 Transfer Case, Speed Reducer		Fraq Blender, Snowblower Features include flexible mounting connections, SAE bell housings with clutch, rubber block drive or flange connections.	1.51:1 to 1.81:1	700	2,800	46 x 22 x 31
D175 Speed Reducer		Centrifugal Pump Features include various input and output shaft configurations, tapered shaft with SAE bell housing with clutch, rubber block drive or flange connection.	1.2:1 to 4.0:1	600	1,800	28 x 32 x 32

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D177 Speed Reducer		Snowblower Fabricated housing optimized for space.	5.1:1	400	1,800	32 x 25 x 34
D181 Transfer Case		Rail Applications Features include custom integrated mounting lugs, multiple outputs, and a compact size.	1.03:1	200	1,800	24 x 16 x 12
D190 Transfer Case, Speed Reducer or Transfer Case, Speed Increaser		Farm Waste Pumping, Feed Lot Grain Handling System, Leaf Vac System. Features include various input and output shaft configurations, tapered shaft and agricultural PTO connections, SAE bell housings with clutch, rubber block drive or flange connections.	1:1 to 2:1 1:1 to 2:1	300	1,000 – 2,100	16.5 x 12.5 x 8
D201 Speed Reducer or Speed Increaser		Rotary Screw Compressor, Centrifugal Water Pump Features include an aluminum case, extra width for additional input and output shaft configurations and positions, increased sump size for higher horsepower and cooling capacity. SAE bell housing with clutch, rubber block drive or flange connections, in line or parallel shaft design.	1.1:1 to 2.5:1 1.1:1 to 1:2.5	150	1,000 – 6,000	16.5 x 12.4 x 16

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D203 Transfer Case, Speed Reducer		Centrifugal Pump, Feed Mixer, Grain Vacuum Features include various input and output shaft configurations including tapered shaft, SAE bell housing with clutch, rubber block drive or flange connections.	1:1 to 2.9:1	225	1,000 – 3,000	27 x 18.5 x 9 (+bell)
D204 Speed Reducer		Dredging & Rock Crushing Features a fabricated gearbox for mounting flexibility. This gearbox is designed to be mounted and operated at angles up to 30 degrees.	2:1 to 3:1	1,000	1,800	43 x 37 x 33
D207 Transfer Case		Utility Tractor Features include custom housing size with multiple hydraulic pump pads, custom sized to provide optimal performance within stringent space requirements.	1:1	125	2,200	13 x 26 x 10
D218 Transfer Case		Bus Applications Features include precision ground gears, aluminum housing with stringent noise and space requirements.	1:1	200	2,400	32 x 16 x 10
D224 Right Angle Gearbox, Transfer Case		Hybrid Municipal Bus Features include precision ground spiral bevel gears to withstand a unique duty cycle and space requirements.	1:1	200	1,800	20 x 14 x 11

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D226 Speed Reducer		Snow Blower This unit was designed with a fully integrated hydraulic clutch with hydraulic pump pads to meet the rigid requirements of a specific customer application. Features include high horsepower capability, precision ground gears for heavy loading and long life.	7.14:1	1,050	2,000	39 x 29 x 31
D227 Transfer Case		Splitter Drives Features include flexible mounting options, robust construction and compact design.	1:1	40	130	32 x 18 x 19.3
D240 Speed Reducer		Snowblower Features include a two-speed design, flexible mounting connections, SAE bell housing with clutch, rubber block drive, flange connections and parallel output shaft design.	1.5 : 1 to 2.0 : 1	600 to 950	1,800 to 2,100	45.5 x 22 x 40 (Depth Varies)
D244 Speed Reducer		Air Drilling Piston Booster Pumps, Dredges, Centrifugal Pumps and Frac Blenders Features include precision ground gears for increased capacity, flexible mounting connections including SAE bell housing with clutch, rubber block drive or flange connections.	1.26:1 to 2.96:1	750	1,800	30 x 25 x 40

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D253 Transfer Case, Speed Increaser		Centrifugal Pump Features include a fabricated steel housing, various input and output shaft configurations, bell housing and input shaft to match appropriate SAE bell housing with clutch, rubber block drive or flange connections. For a similar design mounted horizontally, see Model D257.	1:1 to 1:3.25	650	1,140	34.5 x 28 x 30 (Depth Varies)
D254 Speed Increaser		Test Stands Features include precision ground gears for increased capacity, flexible mounting connections	1:1.26 to 1:2.96	750	1,800	32 x 28 x 24
D257 Transfer Case, Speed Increaser		Centrifugal Pump Features include a fabricated steel housing, various input and output shaft configurations, bell housing with clutch, rubber block drive or flange connections. For a similar design mounted vertically, see Model D253.	1 : 1 to 1:3.25	650	1,200	34 x 36 x 34 (Depth Varies)
D281 Speed Reducer		Reciprocating Pump Features include SAE bell housing with clutch, lubrication pump and precision ground gears.	5:1	600	1,800	31 x 38 x 33
D283 Transfer Case, Specialty Gearbox		Bus Drive Train Transmission and rear axle drive.	1:1 to 2:1	220	4,300	24 x 23 x 12

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D286 Speed Reducer		Rough Terrain Lift Truck Speciality design with parallel spur gearing to meet a specific customer need.	5.22:1	40	3,900	11.1 x13.1 x 4.5
D289 Speed Reducer		Agricultural Bagger Combination of right angle and parallel gearing.	14.3:1	50	1,000	22.5 x 36 x 20

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