

# Gear Motors

## D Series Motor and Fan Drive

- An integrated dust cover increases the life of the fan drive motor by preventing dirt ingress across the shaft seal
- Seals are suitable for operating temperatures from -30 °C [-40 °F] up to +115 °C [+239 °F]
- Three piece ductile iron housing exceeds aluminum capabilities and provides for rated pressure up to 276 bar [4000 psi] and peak pressure up to 300 bar [4400 psi]
- Unparalleled proportional pressure relief valve for high pressure fan applications improving machine efficiency
- Compact design 20% smaller than conventional designs for optimized machines to meet vehicle emissions standards without introducing fit interference



		Frame Sizes										
		17	19	21	23	25	29	32	36	38	41	45
Displacement	cm <sup>3</sup> /rev [in <sup>3</sup> /rev]	17.0 [0.66]	19.0 [1.16]	20.5 [1.25]	22.5 [1.37]	25.4 [1.55]	29.0 [1.77]	31.8 [1.94]	36.1 [2.20]	38.0 [2.32]	41.0 [2.50]	45.0 [2.75]

### D Series Motor

Rated pressure	bar [psi]	276 [4000]	276 [4000]	276 [4000]	276 [4000]	276 [4000]	276 [4000]	276 [4000]	276 [4000]	276 [4000]	241 [3500]	210 [3045]
Minimum speed	min <sup>-1</sup>	600	600	600	600	600	600	600	600	600	600	600
Maximum speed	(rpm)	3400	3400	3400	3400	3400	3400	3400	3400	3000	3000	3000