

## Air Motors

These motors are light in weight, compact, powerful, and because they cannot be damaged by continued stalling have a long life with low maintenance costs. Their freedom from sparking and overheating make them particularly useful in atmospheres where fire risks must be minimized. Running speed can be varied by an air pressure regulator or, if an alternative speed range is required, gear clusters can be easily changed. Normal operating pressure is 6.0 bar (85 psi) but the motor will continue to run at pressures down to 0.3 bar (5 psi).

2 Series models are only available as reversible motors with combined threaded and plain key drive shafts.

5 Series 'A' Models are only available as forward rotation motors with combined threaded and plain key drive shafts. 5 Series reversible motors have plain, single key drive shafts.

7 Series models are offered as reversible or forward rotation motors and are fitted with plain shafts with two keys as standard. Forward rotation models can be supplied with drive shafts threaded 1/2" – 20UNF-2A alternative. This requirement should be specified when ordering.

Air connections are 1/4" BSP male (G1/4A) or NPT (optional) and can be arranged for side or rear facing entry except for 5A Series forward rotation motors

which have rear facing entry only. Forward rotation models have single air inlets, reversible models have double air inlets. Forward rotation models run in an anti-clockwise direction looking on the shaft.

NB 5A Series forward rotation motors have air silencers located at the rear of the tool, all other models have silencing within the motor body and exhaust from the side.

