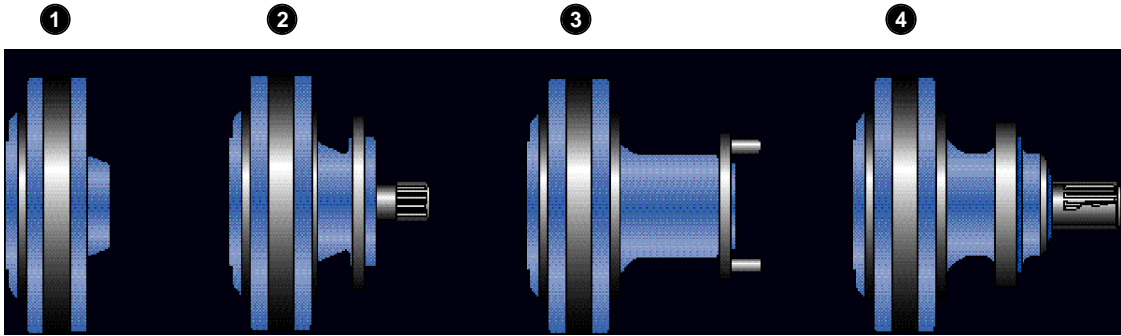


XL COMPACT PISTON MULTI-CAM MOTORS

OUTPUT CONFIGURATIONS

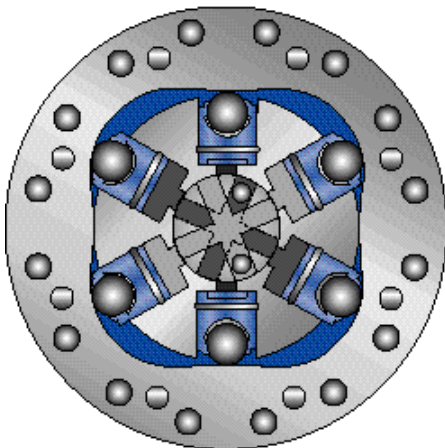


XL motors may be supplied in the four configurations shown above. It is possible to supply a shaft motor with wheel housing if required.

Which configuration to use :-

1.	Torque Unit	No axial / radial loading. Integration into machine / gearbox drives - mobile / industrial.
2.	Compact Motor	Light or no axial / radial loading and gearbox drives - mobile / industrial.
3.	Wheel Motor	High radial / axial loading and long life - mobile / industrial.
4.	Shaft Motor	High radial / axial loading and long life - mobile / industrial.

XL MOTOR OPERATION



Oil is fed under pressure through the valve and into the cylinders. The pistons attempt to move outwards. The rollers react on the incline of the cam profile and this action produces rotation of the cylinder block.

Each piston completes four strokes per revolution of the motor. The symmetrical arrangement balances hydraulic forces, eliminating the need for bearings.