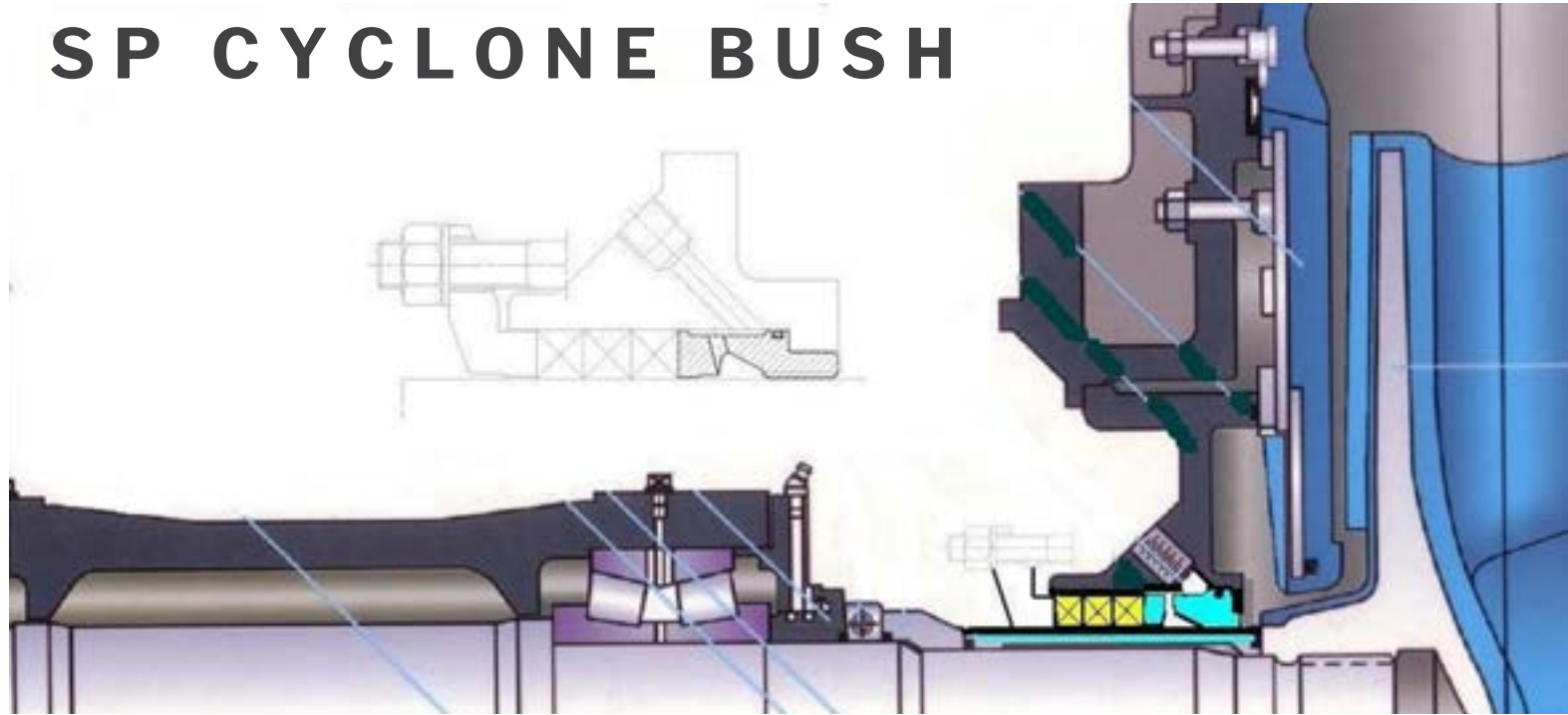




SP CYCLONE BUSH



- ✓ Optimises the distribution of flush water between the gland packing and the pump.
 - ✓ Separates residual solids from the flush water.
 - ✓ Prevents solids in the pumped liquid from entering the sensitive gland area.
 - ✓ Reduces the amount of flush water required.
 - ✓ Reduces the amount of packing rings required.
- More efficient flush water usage – Water cost savings
 - Less dilution – Lower production costs
 - Less repacking of gland – Greater reliability
 - Less packing used – Lower packing costs

Available in large range of sizes and materials to accommodate a diverse range of pumps & media.

Quality Certification



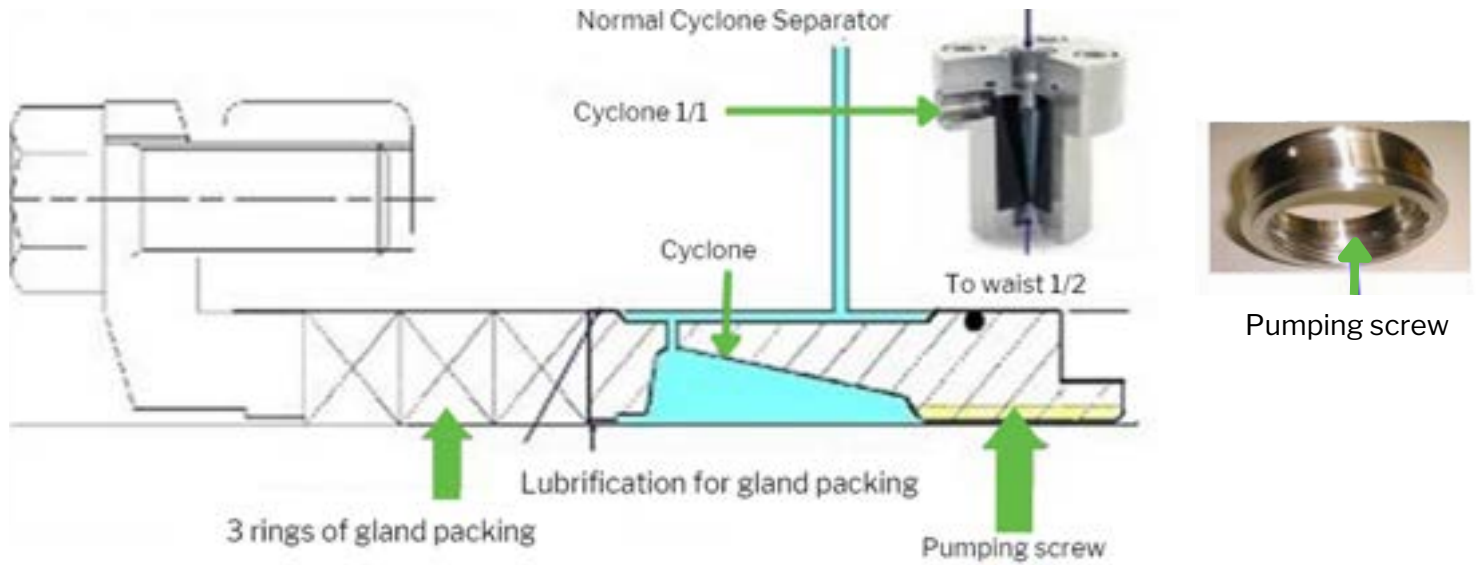
National Presence



Technical consultancy



HOW DOES IT WORK?

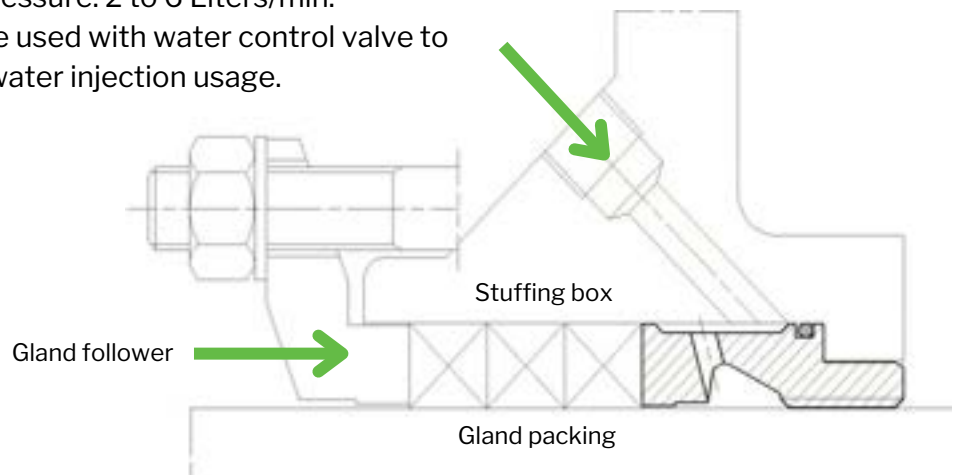


The cyclone bush operates with a water quench supplied to the standard gland packing injection to the pump, 3* rings of gland packing, and the lantern ring removed. The water pressure must be 2 bar above the stuffing box pressure and 2-6 litres per minute flow. The water in the SP Cyclone Bush enters the charge cavity [like the standard cyclone] and will be drawn into the pumping screw. The water pressure increases in velocity from the large to the small area and will prevent any slurry from entering the gland packing area. There is no O-ring in the area toward the gland packing, which enables the gland packing to be lubricated

MSE's cyclone bush includes:

- 1 x SB Cyclone Bush (no modifications required)
- 1 x set of cut packing rings to suit

Injection of water @ 2 Bar above stuffing box pressure. 2 to 6 Liters/min. Can be used with water control valve to save water injection usage.



Gland Packings



- MS-dGFO – PTFE braided packing with graphite incorporated throughout.
- -150 to 250°C, 25 bar, 20 m/s, PH 0 - 14



- MS-Ramie – Ramie fibre packing impregnated with PTFE based lubricant.
- -30 to 130°C, 20 bar, 10 m/s, pH 5 - 11