

# PHỤ TÙNG CHÍNH HÃNG BUMA (BUMA GENUINE SPARE PARTS)

## Air Filter



Air filter prevent infiltration of dust and impurity to the rotor, and it secure lubrication oil from contamination, thus it play an important role for smooth operation of compressing system, i.e., it directly affects to lubricating oil, air end, oil-air separator, and electromagnetic valve. Because fine dust is invisible, when inferior and cheap filter element is used then very small particles of dust accumulated in the room of air compressing system rapidly, as the result it occurs severe damage of rotating parts. BUMATEC has applied filter element with two-stage processed high quality material to ensure clean air intake.

## Energy Saving 1:1 Direct Driving with Soft Coupling



There is a set of soft coupling between electric motor and air end for efficient power transmission of driving. The coupling is reliable, and has the function of smooth connection of motor axis and air end axis, and reduces the shock load caused by starting torque.

## Convenient Maintenance of Belt Transmission



BUMATEC's another design is application of belt driven air compressor for low power model. The advantages of these models are easy adjusting of compressing pressure and overload protection. Seal of shaft can be simply replaced, thus it reduces maintenance time and cost.

### 3 Steps of Oil and Gas Separation System



**Step1** : It is gravity separation by vortex wind flow in the separator tank.

**Step2** : Air and oil are separated by hitting on the bottom part of separator wall.

**Step 3** : As compressed air is going through ultra-fine filter element, it can be obtained clean air that the oil content is to be less than 2 PPM.

### Lubrication Oil



BUMATEC has applied 'Super Cooling Oil' for lubrication of air compressing system. The advantages of super cooling oil are less oil content in compressed air and less temperature rising due to its outstanding heat conduction capability, and thus it improves reliability and efficiency. Furthermore carbon and hydrogen are not contained in this oil so that the inner part of air compressing system can eliminate oxidation and extend operating time longer.

### Buma Controllers

