

## Type 120M

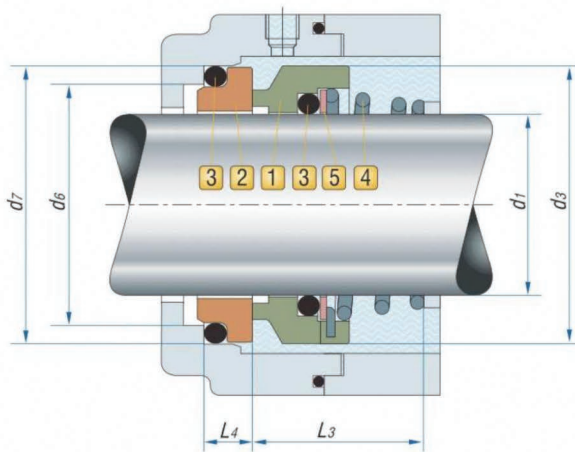
Equivalent to Burgmann M2N

### OPERATING CONDITIONS

Pressure:  $P=0\sim 1.0\text{MPa}$

Temperature:  $t=-20^{\circ}\text{C}\sim 180^{\circ}\text{C}$

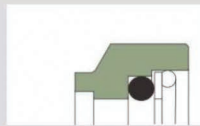
Velocity:  $V_g\leq 15\text{m/s}$



### 120M DIMENSIONAL DATA (mm)

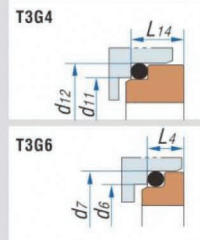
(Size) (Specification)	d <sub>1</sub> (H8)	d <sub>3</sub> (Max)	d <sub>7</sub> (H8)	L <sub>3</sub> (±0.5)	L <sub>4</sub>	d <sub>11</sub>	d <sub>12</sub> (H8)	d <sub>14</sub>
120M-10	10	20	21	17.5	6.6	15.5	19.2	6.6
120M-12	12	22	23	17.5	6.6	17.5	21.6	7.0
120M-14	14	25	25	17.5	6.6	20.5	24.6	7.0
120M-15	15	27	27	19.5	6.6	20.5	24.6	6.6
120M-16	16	27	27	19.5	6.6	22.0	28.0	7.5
120M-18	18	30	33	20.5	7.5	24.0	30.0	8.0
120M-20	20	32	35	22.0	7.5	29.5	35.0	7.5
120M-22	22	35	37	23.5	7.5	29.5	35.0	7.5
120M-24	24	38	39	25.0	7.5	32.0	38.0	7.5
120M-25	25	40	40	26.5	7.5	32.0	38.0	7.5
120M-28	28	43	43	26.5	7.5	36.0	42.0	9.0
120M-30	30	47	45	26.5	7.5	39.2	45.0	10.5
120M-32	32	48	48	28.5	7.5	42.2	48.0	10.5
120M-35	35	53	50	28.5	7.5	46.2	52.0	11.0
120M-38	38	56	56	33.5	9.0	49.2	55.0	10.3

#### 1 ROTARY FACE

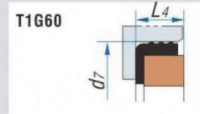


Reaction Bonded Sic: **O**  
Resin Impregnated Carbon: **Ax**

#### 2 STATIONARY SEAT



Reaction Bonded Sic: **O**  
Cr-Ni-Mo Steel: **G**  
99% Aluminium Oxide: **B1**



Reaction Bonded Sic: **O**  
Nickel Bonded WC: **W**  
99% Aluminium Oxide: **B1**

#### 3 AUXILIARY SEAL

- Fluorocarbon: **V**
- Ethylene-Propylene: **E**
- Nitrile: **P**

#### 4 SPRING

Chromium-Nickel Steel: **F**



Left: **L**

Right: **R**

#### 5 METAL PARTS

Chromium-Nickel Steel: **F**