

Type 120B

Equivalent to Burgmann M3N(G4/G13seat)

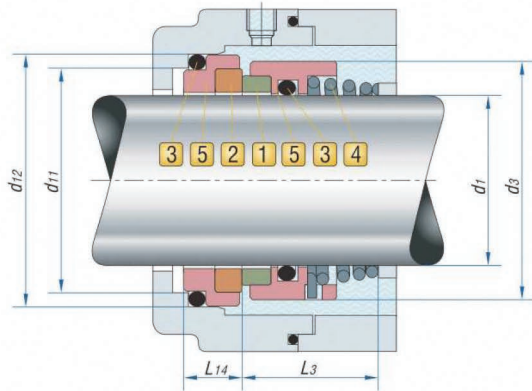
Equivalent to Vulcan Type8

OPERATING CONDITIONS

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

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

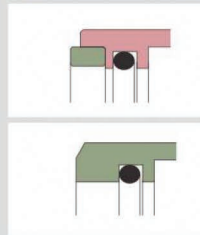
Velocity: $V_g \leq 15 \text{ m/s}$



120B DIMENSIONAL DATA (mm)

(Size) (Specification)	d ₁ (h8)	d ₃ (Max)	d ₁₁	d ₁₂ (H8)	L ₃ (±0.5)	L ₁₄	L ₁₃
120B-12	12	21	17.5	21.6	15.5	5.6	7.6
120B-14	14	23	20.5	24.6	15.5	5.6	7.6
120B-15	15	24	20.5	24.6	15.5	6.6	8.6
120B-16	16	26	22.0	28.0	17.5	7.5	9.0
120B-18	18	29	24.0	30.0	18.5	8.0	10.0
120B-19	19	31	25.0	31.0	20.0	7.5	9.5
120B-20	20	31	29.5	35.0	20.0	7.5	9.5
120B-22	22	33	29.5	35.0	21.5	7.5	9.5
120B-24	24	35	32.0	38.0	23.0	7.5	9.5
120B-25	25	36	32.0	38.0	24.5	7.5	9.5
120B-26	26	37	34.0	40.0	24.5	8.0	10.0
120B-28	28	40	36.0	42.0	24.5	9.0	11.0
120B-30	30	43	39.2	45.0	24.5	10.5	11.0
120B-32	32	46	42.2	48.0	28.0	10.5	11.0
120B-35	35	49	46.2	52.0	28.0	11.0	11.5
120B-38	38	53	49.2	55.0	31.0	10.3	11.5
120B-40	40	56	52.2	58.0	34.0	10.8	11.5
120B-42	42	59	53.3	62.0	35.0	12.0	14.3
120B-43	43	59	54.3	62.0	35.0	12.0	14.3
120B-45	45	61	55.3	64.0	36.5	11.6	14.3
120B-48	48	64	59.7	68.4	42.0	11.6	14.3
120B-50	50	66	60.8	69.3	43.0	11.6	14.3
120B-55	55	71	66.5	75.4	47.0	13.3	15.3
120B-58	58	76	69.5	78.4	50.0	13.3	15.3
120B-60	60	78	71.5	80.4	51.0	13.3	15.3
120B-65	65	84	76.5	85.4	52.0	13.0	15.3
120B-68	68	88	82.7	91.5	53.0	13.7	16.0
120B-70	70	90	83.0	92.0	54.0	13.0	15.3
120B-75	75	98	90.2	99.0	55.0	14.0	15.3
120B-80	80	100	95.2	104.0	58.0	15.0	16.3

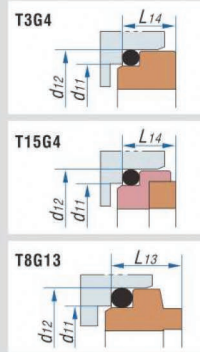
1 ROTARY FACE



Reaction Bonded Sic: **O**
Nickel Bonded WC: **W**
Resin Impregnated Carbon: **Ax**

Cr-Ni-Mo Steel: **G**

2 STATIONARY SEAT



T3G4
Reaction Bonded Sic: **O**
Cr-Ni-Mo Steel: **G**

T15G4
Reaction Bonded Sic: **O**
Nickel Bonded WC: **W**

T8G13
Resin Impregnated Carbon: **Ax**

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**