

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL | |
|--|-----------|
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

| | | | | | | | | | |
|---|---------|----------|--|--|--|---|--|--|--|
| 1. Name and Address of Reporting Person* <u>Ambrose Michael H.</u> | | | 2. Issuer Name and Ticker or Trading Symbol <u>RBC Bearings INC [RBC]</u> | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below) | | | |
| (Last) | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 06/10/2025 | | | | | | |
| ONE TRIBOLOGY CENTER 102 WILLENBROCK ROAD | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person | | | |
| (Street) | (City) | (State) | (Zip) | | | | | | |
| OXFORD | CT | | 06478 | | | | | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|-----------|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 06/10/2025 | | M | | 600 | A | \$137.44 | 7,735 ⁽¹⁾ | D | |
| Common Stock | 06/10/2025 | | M | | 500 | A | \$199.16 | 8,235 ⁽¹⁾ | D | |
| Common Stock | 06/10/2025 | | M | | 600 | A | \$199.09 | 8,835 ⁽¹⁾ | D | |
| Common Stock | 06/10/2025 | | S | | 1,700 | D | \$381.045 | 7,135 ⁽¹⁾ | D | |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|--|--|---|--|-------|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | | | | | | Title |
| Option to Purchase Common Stock | \$137.44 | 06/10/2025 | | M | | 600 | | 06/02/2023 | 06/02/2027 | Common Stock | 600 | \$0 | 0 | D | |
| Option to Purchase Common Stock | \$199.16 | 06/10/2025 | | M | | 500 | | 06/03/2023 ⁽²⁾ | 06/03/2028 | Common Stock | 500 | \$0 | 200 | D | |
| Option to Purchase Common Stock | \$199.09 | 06/10/2025 | | M | | 600 | | 06/06/2023 ⁽³⁾ | 06/06/2029 | Common Stock | 600 | \$0 | 400 | D | |
| Option to Purchase Common Stock | \$206.19 | | | | | | | 06/05/2024 ⁽⁴⁾ | 06/05/2030 | Common Stock | 1,000 | | 1,000 | D | |
| Option to Purchase Common Stock | \$287.37 | | | | | | | 05/29/2025 ⁽⁵⁾ | 05/29/2031 | Common Stock | 974 | | 974 | D | |
| Option to Purchase Common Stock | \$365.87 | | | | | | | 05/30/2026 ⁽⁶⁾ | 05/30/2032 | Common Stock | 962 | | 962 | D | |

Explanation of Responses:

- Includes 1,384 shares of restricted stock, which vest according to the following schedule; 400 shares that vest on 6/5/2026; 452 shares 1/2 of which vest on 5/29/2026 and 1/2 vest on 5/29/2027; and 532 shares 1/3 of which vest on 5/30/2026, 1/3 vest on 5/30/2027 and 1/3 vest on 5/30/2028.
- All these options to purchase Common Stock are exercisable except for 200 options that vest on 6/3/2026.
- All these options to purchase Common Stock are exercisable except for 400 options that are subject to the following vesting schedule - 1/2 vest on 6/6/2026 and 1/2 vest on 6/6/2027.
- All these options to purchase Common Stock are exercisable except for 600 options that are subject to the following vesting schedule - 1/3 vest on 6/5/2026, 1/3 vest on 6/5/2027 and 1/3 vest on 6/5/2028.

5. All these options to purchase Common Stock are exercisable except for 779 that are subject to the following vesting schedule - 1/4 vest on 5/29/2026, 1/4 vest on 5/29/2027, 1/4 vest on 5/29/2028 and 1/4 vest on 5/29/2029.

6. These options to purchase Common Stock are subject to the following vesting schedule - 1/5 vest on 5/30/2026, 1/5 vest on 5/30/2027, 1/5 vest on 5/30/2028, 1/5 vest on 5/30/2029 and 1/5 vest on 5/30/2030.

Remarks:

/s/John J. Feeney/attorney in
fact

06/10/2025

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.