



RBC Principal Protected S&P/TSX 60 LEOS® (CAD), Series 46, F-Class

S&P/TSX 60 Index

100% Principal Protection at Maturity

130% Participation in the upside performance of the Index

Offering Closes

March 17, 2023

FundSERV

RBC8316

Issue Date

March 21, 2023

Maturity Date

March 23, 2028

Website

www.rbcnotes.com

INVESTMENT HIGHLIGHTS

Issuer: Royal Bank of Canada

Currency: CAD

Term: Approximately 5 years

Underlying Index: The Variable Return will be determined by reference to the price performance of the S&P/TSX 60 Index. Notes do not represent an interest in the Index or in the securities of the companies that comprise the Index. Holders have no right or entitlement to the dividends or other distributions paid on these securities. The indicative dividend yield of the Index as of February 14, 2023 was 3.38%, representing an aggregate dividend yield of approximately 18.08% compounded annually over the 5 year term, on the assumption that the dividend yield remains constant.

Variable Return: The Variable Return, if any, on each Note upon maturity will be an amount equal to the Principal Amount multiplied by the Percentage Change multiplied by the Participation Rate. The Variable Return, if any, will not be less than zero.

Participation Rate: 130%

Credit Ratings: 100% principal protection guaranteed by RBC at maturity. RBC is rated Aa1 by Moody's, AA- by Standard and Poors and AA by DBRS.

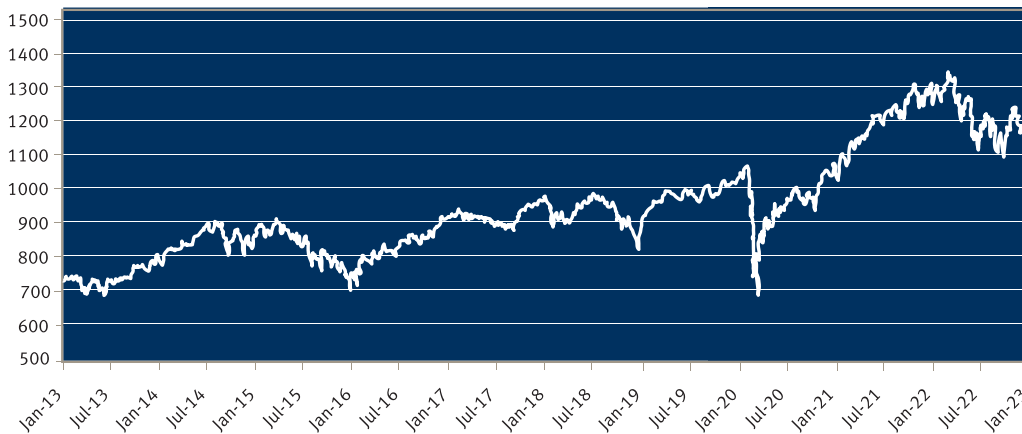
Secondary Market: The Notes are tradeable in a daily secondary market, subject to availability, which RBC Capital Markets will use reasonable efforts to provide as outlined in the Information Statement. Proceeds on sale may be less than the \$100 Principal Amount.

Eligibility for Investment: RRSPs, RDSPs, RESPs, TFSA's, RRIFs and DPSPs.

The deposit notes are not insured under the Canada Deposit Insurance Corporation Act. The Notes are not conventional notes or debt securities. For the various risks associated with such an investment, please see the Risk Factors section of the Information Statement.

S&P/TSX 60 HISTORICAL PRICE PERFORMANCE

The following chart demonstrates the historical level of the S&P/TSX 60 Index for the period from January 31, 2013 to January 31, 2023. Historical price performance does not take into account distributions or dividends paid on the securities underlying the S&P/TSX 60 Index.



*Historical price performance of the S&P/TSX 60 Index will not necessarily predict future price performance of the S&P/TSX 60 Index or the Notes.

The source of the data displayed in this chart is Bloomberg L.P. and its accuracy cannot be guaranteed.

SAMPLE CALCULATIONS OF THE PAYMENT AMOUNT

The examples set out below are included for illustration purposes only. The levels of the Index used to illustrate the calculation of Variable Return are not estimates or forecasts of the level of the Index on which the Base Level and Settlement Level or the calculation of the Percentage Change, and in turn Variable Return, will depend. All examples assume that a Noteholder has purchased Notes with an aggregate Principal Amount of \$10,000 and that no Extraordinary Event has occurred.

Example #1 — Hypothetical calculation of the Payment Amount where the Settlement Level of the Index is greater than the Base Level. It is assumed that the Base Level of the Index is 1,248.90 and the Settlement Level of the Index is 1,623.57 (hypothetical). The Payment Amount would be calculated as follows:

Base Level = 1,248.90

Settlement Level = 1,623.57

Percentage Change =

$$\frac{(1,623.57 - 1,248.90)}{1,248.90} = 0.30000 \text{ or } 30.000\%$$

Participation Rate = 130.00%

Variable Return = \$10,000.00 × 30.000% × 130.00% = \$3,900.00

Payment Amount = \$10,000.00 + \$3,900.00 = \$13,900.00

In this example, the Payment Amount provides a return equivalent to an annually compounded rate of return of 6.81%.

Example #2 — Hypothetical calculation of the Payment Amount where the Settlement Level of the Index is less than the Base Level.

It is assumed that the Base Level of the Index is 1,248.90 and the Settlement Level of the Index is 874.23 (hypothetical). The Payment Amount would be calculated as follows:

Base Level = 1,248.90

Settlement Level = 874.23

Percentage Change =

$$\frac{(874.23 - 1,248.90)}{1,248.90} = -0.30000 \text{ or } -30.000\%$$

Participation Rate = 130.00%

Variable Return = \$10,000.00 × 0.000% × 130.00% = \$0.00

Payment Amount = \$10,000.00 + \$0.00 = \$10,000.00

In this example, the Payment Amount provides a return equivalent to an annually compounded rate of return of 0.00%.

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An investment in the Notes provides opportunities for investment but may pose risks. See further details under "Risk Factors" in the Information Statement. Specific risks include:

- Interest Payable at Maturity – The Principal Amount plus Variable Return (if positive) is payable only at maturity.
- Noteholders do not have ownership in the Index or in the securities of the entities that comprise the Index and therefore are not entitled to receive dividends or other distributions paid on these securities. The indicative dividend yield of the Index was 3.38% as of February 14, 2023 which would equate to 18.08% over the term of the notes assuming dividends remain constant and are not re-invested
- Secondary Market Price – The price for the Notes in any secondary market will be based on market conditions and could be above or below the \$100 Principal Amount. RBC reserves the right not to make a secondary market.
- Extraordinary Events – The payment of Variable Return could be accelerated or delayed due to the occurrence of certain Extraordinary Events.

The Information Statement in respect of the RBC Principal Protected S&P/TSX 60 LEOS® (CAD), Series 46, F-Class (the "Information Statement") and this highlight document do not constitute an offer or invitation by anyone in any jurisdiction in which such offer is not authorized or to any person to whom it is unlawful to make such offer or invitation. The offering and sale of the Notes, described in the Information Statement, may be subject to restrictions within any particular province or territory. The Notes may not be offered or sold in any jurisdiction outside of Canada. Royal Bank and the selling agents require persons into whose possession the Information Statement comes to inform themselves of and observe any and all such restrictions. In particular, the Notes have not been and will not be registered under the United States Securities Act of 1933 and may not be offered or sold within the United States or to, or for the account or benefit of, United States persons. No securities commission or similar authority has in any way passed upon the merits of the Notes and any representation to the contrary may be an offence. This highlight document must be read in conjunction with the Information Statement, which provides additional important disclosures and risk factors in respect of the Notes.