ROBECO

Factsheet | Figures as of 28-02-2022

Robeco QI Global Dynamic Duration IH EUR

Robeco QI Global Dynamic Duration is an actively managed fund that invests worldwide in government bonds with investment grade quality. The fund's objective is to provide long term capital growth. The fund uses derivatives to dynamically adjust the duration (interest-rate sensitivity) of the portfolio. The duration positioning is based on our proprietary duration model, which predicts the direction of the bond markets using financial market data. The ESG scores of countries are a integral part of our bottom-up country allocation decisions.



Olaf Penninga, Lodewijk van der Linden, Johan Duyvesteyn
Fund manager since 01-01-2011

Performance

	Fund	Index
1 m	-1.25%	-1.02%
3 m	-4.50%	-3.54%
Ytd	-3.06%	-2.59%
1 Year	-5.30%	-2.49%
2 Years	-3.77%	-2.31%
3 Years	-0.75%	1.10%
5 Years	-0.01%	0.74%
10 Years	1.34%	1.80%
Since 01-2006	2.62%	2.86%

Annualized (for periods longer than one year)
Note: due to a difference in measurement period between the fund and the index, performance differences may arise. For further info, see last page.

Calendar year performance

	Fund	Index
2021	-4.01%	-3.09%
2020	1.18%	4.88%
2019	4.65%	4.63%
2018	1.06%	-0.27%
2017	-0.07%	0.40%
2019-2021	0.54%	2.07%
2017-2021	0.52%	1.27%

Annualized (years)

Index

JPM GBI Global Investment Grade Index (hedged into EUR)

General facts

Morningstar	★★★
Type of fund	Bonds
Currency	EUR
Total size of fund	EUR 1,410,471,250
Size of share class	EUR 553,277,383
Outstanding shares	3,644,920
1st quotation date	02-01-2006
Close financial year	31-12
Ongoing charges	0.43%
Daily tradable	Yes
Dividend paid	No
Ex-ante tracking error limit	4.50%
Management company	Robeco Institutional Asset Management B.V.

Sustainability profile

Exclusions

ESG Integration

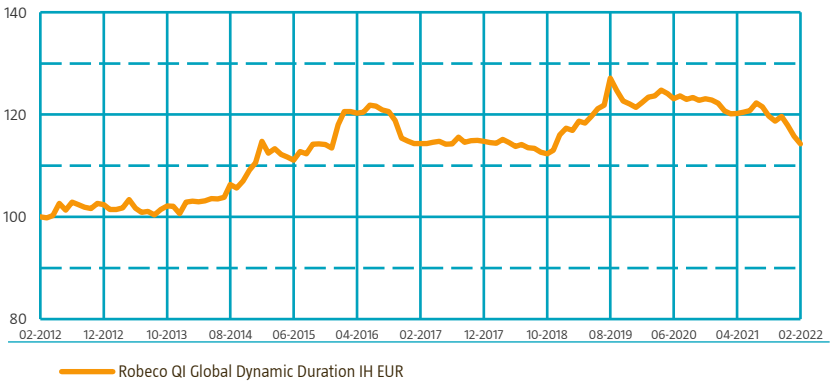
ESG Target

ESG score target	Footprint target
Better than index	Better than index

For more information on exclusions see https://www.robeco.com/exclusions/

Performance

Indexed value (until 28-02-2022) - Source: Robeco



Performance

Based on transaction prices, the fund's return was -1.25%.
The fund lagged the index somewhat in February. The fund had an overweight duration position in Japanese bonds in the first part of the month, which detracted from performance. The underweight duration position in US bonds contributed positively to performance, although most of the earlier gains were lost when yields declined at the end of the month. The tilts in the underlying portfolio detracted somewhat from performance, mainly due to a tilt to Australian bonds. All active duration positions are based on the outcomes of our quantitative duration model.

Market development

Yields rose in February, although part of the move reversed at the end of the month due to the war in Ukraine. German Bunds returned -1.1%, US Treasuries -0.7% and Japanese government bonds -0.6%. Australian bonds, which sold off less in January, returned -1.4% in February. Yields rose even more strongly in Eurozone countries like Italy, as the ECB voiced its concerns about stubbornly high inflation. The ECB seemed ready to end its bond purchases quickly and hike rates already this year, but the current uncertainty will delay these plans. German 2-year yields rose from -0.6% in late January to -0.25% after the early-February ECB meeting, before falling to -0.7% in early March. Similarly, a sell-off in long-dated Japanese bonds reverted partially in the flight-to-quality. Only short-dated US yields hardly fell back in late February/early March. The Fed will likely hike rates and start reducing its balance sheet soon, as the direct impact of the war and the sanctions on the US economy will be limited and the tight labor market means inflation risk is more structural in the US.

Expectation of fund manager

The fund's duration policy is fully driven by the outcomes of our proprietary quantitative duration model. By the end of the month, the model outcomes were neutral for German and Japanese bonds and negative for US bonds. The inflation and trend variables pointed to higher yields, but this was offset by weaker economic growth and strong demand for safe haven assets (low risk). Monetary policy and valuation were both negative for US bonds.

Fund price

28-02-22	EUR	151.80
High Ytd (04-01-22)	EUR	155.41
Low Ytd (15-02-22)	EUR	151.00

Fees

Management fee	0.30%
Performance fee	None
Service fee	0.12%
Expected transaction costs	0.10%

Legal status

Investment company with variable capital incorporated under Luxembourg law (SICAV)

Issue structure	Open-end
UCITS V	Yes
Share class	IH EUR

This is a share class of Robeco QI Global Dynamic Duration, Sicav

Registered in

Austria, Chile, France, Germany, Ireland, Italy, Luxembourg, Netherlands, Singapore, Spain, Switzerland, United Kingdom

Currency policy

All currency risks are hedged.

Risk management

Risk management systems continuously monitor the extent to which the portfolio differs from the benchmark. Extreme discrepancies are prevented in this way. The duration model makes use of futures, which can lead to leverage.

Dividend policy

All income earned will be accumulated and will in principle not be distributed as dividend. Therefore the entire result is reflected in the share price development.

Derivative policy

Robeco QI Global Dynamic Duration makes use of derivatives in order to implement the duration overlay. In addition, derivatives are used to hedge the currency risks of the portfolio. These derivatives are very liquid.

Fund codes

ISIN	LU0239950693
Bloomberg	RGLUXEI LX
Sedol	B0W5M39
WKN	A0H0UU
Valoren	2387379

Statistics

	3 Years	5 Years
Tracking error ex-post (%)	1.98	1.77
Information ratio	-0.71	-0.17
Sharpe ratio	0.05	0.25
Alpha (%)	-1.30	-0.24
Beta	0.95	0.96
Standard deviation	4.15	3.59
Max. monthly gain (%)	4.43	4.43
Max. monthly loss (%)	-1.92	-1.92

Above mentioned ratios are based on gross of fees returns

Hit ratio

	3 Years	5 Years
Months outperformance	12	29
Hit ratio (%)	33.3	48.3
Months Bull market	19	31
Months outperformance Bull	6	14
Hit ratio Bull (%)	31.6	45.2
Months Bear market	17	29
Months Outperformance Bear	6	15
Hit ratio Bear (%)	35.3	51.7

Above mentioned ratios are based on gross of fees returns.

Characteristics

	Fund	Index
Rating	AA1/AA2	AA1/AA2
Option Adjusted Modified Duration (years)	6.3	8.1
Maturity (years)	7.1	9.5
Yield to Worst (%, Hedged)	0.3	0.6

Changes

Up to 28 February 2013, the benchmark was the JPM GBI Global Index.

Sustainability

The fund incorporates sustainability in the investment process via exclusions, ESG integration, and ESG and environmental footprint targets. The fund complies with Robeco's exclusion policy for countries and does not invest in countries where serious violations of human rights or a collapse of the governance structure take place, or if countries are subject to UN, EU or US sanctions. Via portfolio construction rules the fund targets a better ESG score and a lower carbon footprint than that of the reference index. This ensures that countries with a better ESG score or a lower carbon footprint are more likely to be included in the portfolio.

Sector allocation

The portfolio is invested in government bonds.

Sector allocation		Deviation index
Treasuries	97.4%	-2.6%
Cash and other instruments	2.6%	2.6%

Currency allocation

All positions are hedged to the base currency of the fund class. There is no active currency policy. Small temporary deviations from the benchmark may arise due to market movements.

Currency allocation		Deviation index
Euro	99.4%	-0.6%
U.S. Dollar	0.5%	0.5%
Japanese Yen	0.1%	0.1%
Pound Sterling	-0.1%	-0.1%
Australian Dollar	0.1%	0.1%
Swedish Kroner	-0.1%	-0.1%

Duration allocation

By the end of the month, the fund had an underweight duration position in the US, and neutral duration positions in Germany and Japan. The active duration positions are fully driven by the outcomes of our quantitative duration model. The underlying portfolio was tilted to Australian and long-dated Swedish bonds and tilted away from long-dated UK and intermediate US bonds.

Duration allocation		Deviation index
Euro	2.0	0.1
Japanese Yen	1.9	0.0
U.S. Dollar	1.1	-2.1
Pound Sterling	0.5	-0.3
Australian Dollar	0.4	0.3
Swedish Kroner	0.2	0.2
Canadian Dollar	0.2	0.1
Danish Kroner	0.1	0.1

Rating allocation

The rating allocation follows from the rating allocation of the benchmark, the active duration positions and the tilts in the underlying portfolio. The largest weight is in AAA-rated securities.

Rating allocation		Deviation index
AAA	55.6%	-1.4%
AA	16.2%	1.5%
A	18.5%	-4.2%
BAA	7.1%	1.4%
Cash and other instruments	2.6%	2.6%

Investment policy

Robeco QI Global Dynamic Duration is an actively managed fund that invests worldwide in government bonds with investment grade quality.The fund's objective is to provide long term capital growth. The fund promotes ESG (i.e. Environmental, Social and corporate Governance) characteristics within the meaning of Article 8 of the European Sustainable Finance Disclosure Regulation and integrates ESG and sustainability risks in the investment process. In addition, the fund applies an exclusion list on the basis of controversial behavior, products (inclAuding controversial weapons, tobacco, palm oil and fossil fuel) and countries. The fund uses derivatives to dynamically adjust the duration (interest-rate sensitivity) of the portfolio. The duration positioning is based on our proprietary duration model, which predicts the direction of the bond markets using financial market data. The ESG scores of countries are a integral part of our bottom-up country allocation decisions. Benchmark: JPM GBI Global Investment Grade Index (hedged into CHF), The majority of bonds selected through this approach will be components of the benchmark, but bonds outside the benchmark index may be selected too. The fund can deviate from the weightings of the benchmark. The fund aims to outperform the benchmark over the long run, whilst still controlling relative risk through the applications of limits (on currencies) to the extent of deviation from the benchmark. This will consequently limit the deviation of the performance relative to the benchmark. The Benchmark is a broad market weighted index that is not consistent with the ESG characteristics promoted by the fund.

Fund manager's CV

Olaf Penninga is Lead Portfolio Manager for the Dynamic Duration strategy and Portfolio Manager for the Dynamic High Yield strategy. He has been Portfolio Manager for the Dynamic Duration strategy since 2005 and Lead Portfolio Manager since 2011. One of his previous positions within Robeco was that of Researcher with responsibility for fixed income allocation research, including the research underlying the Dynamic Duration strategy. Olaf was employed by Interpolis as Investment Econometrician for one year before returning to Robeco in 2003. He started his career in the industry in 1998 at Robeco. He holds a Master's in Mathematics (cum laude) from Leiden University. Lodewijk van der Linden is Portfolio Manager within the Quant Allocation team. His area of expertise is multi-asset factor investing. Prior to joining Robeco in August 2018, Lodewijk held several positions at Aegon, most recently as Team Manager of Client Reporting at Aegon Asset Management. He started his career as an actuarial consultant at PwC. He holds a Master's degree in Actuarial Science from the University of Amsterdam and a Master's degree in Econometrics and Management Science from the Erasmus University Rotterdam. Mr. Johan Duyvesteyn is Portfolio Manager and Quantitative Researcher with Robeco. Johan has been active in the industry and with Robeco since 1999. He started his career as researcher. His areas of expertise are government bond market timing, country sustainability and emerging debt. Johan has published several articles in the academic finance literature, including the Journal of Empirical Finance, the Journal of Banking and Finance and the Journal of Fixed Income. Johan holds a Ph.D. in Finance as well as a Master's degree in Financial Econometrics from the Erasmus University Rotterdam. He became a CFA charter holder in 2005 and is registered with the Dutch Securities Institute.

Team info

Robeco QI Global Dynamic Duration is managed within Robeco's Quant Allocation team, which consists of six portfolio managers. The team is focused on quantitative allocation strategies including quantitative duration strategies. The team works closely together with fundamental portfolio management teams and with seven dedicated quant allocation researchers. On average, the members of the quant allocation team have an experience in the asset management industry of eighteen years, of which fourteen years with Robeco.

Fiscal product treatment

The fund is established in Luxembourg and is subject to the Luxembourg tax laws and regulations. The fund is not liable to pay any corporation, income, dividend or capital gains tax in Luxembourg. The fund is subject to an annual subscription tax ('tax d'abonnement') in Luxembourg, which amounts to 0.01% of the net asset value of the fund. This tax is included in the net asset value of the fund. The fund can in principle use the Luxembourg treaty network to partially recover any withholding tax on its income.

Morningstar

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