

BlueStar Global Robotics & 3D Printing Index

The BlueStar Robotics & 3D Printing Index (BRB3D) is a global index that tracks the performance of the largest and most liquid companies involved in the robotics, 3D printing, and computer aided design segments. This is a modified market cap-weighted index, which only includes companies that generate at least 50% of their revenue from robots or manufacturing automation, computer aided design software, or additive manufacturing systems or related materials and software.

Key Features



All Time High/Low **52-Week High/Low**

Total Return Net Index 307.42/100.00 291.12/160.00

Size and Liquidity Requirements

Full MCap of at least 500 mln USD. Three months average-daily-trading volume of at least 1 mln USD at a review and also at the previous two reviews. At least 250,000 shares traded per month over the last six months at a review and also at the previous two reviews.

Universe

Companies generate at least 50% of their revenue from robotics, manufacturing automation equipment, 3D printing solutions, or computer-aided design software.

Diversification

Company weightings are capped at 8%.

Review

Semi-annual in June and December.

Index Data

INDEX PARAMETERS

Launch Date	12 Apr 2022	Components	54
Type	Sector	Volatility (1 year)	27.58
Currency	USD	Full MCap bn USD	1,061.31
Base Date	30 Dec 2016	Float MCap bn USD	789.07
Base Value	100.00	Correlation* (1 year)	0.10

* Indxx Global Robotics & Artificial Intelligence Thematic * as of 30 Jun 2022

FUNDAMENTALS*

Price/Earnings Trailing	74.84
Price/Book	3.10
Price/Sales	3.31
Price/Cash Flow	19.74
Dividend Yield	0.98

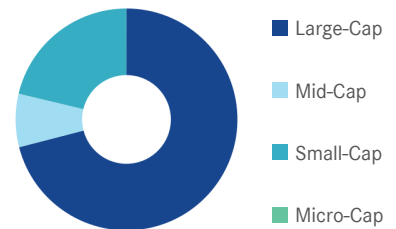
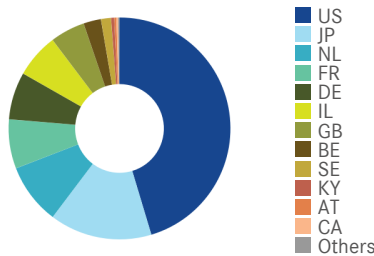
ANNUALISED PERFORMANCE*

1 Month	-13.70%
1 Year	-40.37%
3 Years	1.09%
5 Years	5.27%
Since Inception	8.92%

* Total Return Net Index

Country and Size Weightings

Country	Count	Weight
United States	21	45.37%
Japan	14	14.91%
Netherlands	3	8.87%
France	1	7.18%
Germany	3	6.91%
Israel	3	6.46%
United Kingdom	2	5.05%
Belgium	1	2.58%
Sweden	1	1.46%
Cayman Islands	2	0.47%
Austria	1	0.31%
Canada	1	0.24%
Others	1	0.20%

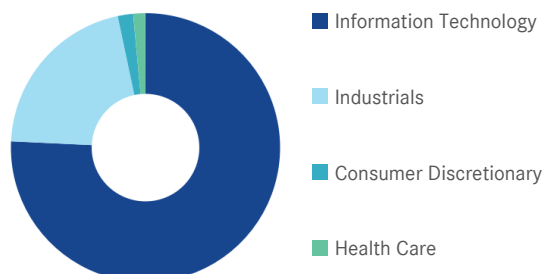


Size	Count	Weight
Large-Cap (> 6 bn)	28	70.98%
Mid-Cap (1.5 bn - 6 bn)	15	7.75%
Small-Cap (0.2 bn - 1.5 bn)	11	21.27%
Micro-Cap (0.0 bn - 0.2 bn)	0	0.00%

BlueStar Global Robotics & 3D Printing Index

Sector Weightings

Sector	Count	Weight
Information Technology	34	75.76%
Industrials	18	20.92%
Consumer Discretionary	1	1.87%
Health Care	1	1.46%



Index Components

Top Components by Weight	Country	Weight	Best Performing Components	YTD	1 Day
Autodesk Inc	US	7.83%	Altair Engineering Inc.	-33.02%	1.05%
ASML HOLDING NV-NY REG SHS	NL	7.71%	Proto Labs Inc	-7.30%	0.98%
Dassault Systemes SA	FR	7.18%	PTC Inc	-11.60%	0.67%
SIEMENS AG	DE	5.76%	ANSYS Inc	-39.80%	0.55%
APPLIED MATERIALS INC	US	4.48%	Materialise NV ADR	-44.11%	0.45%
KEYENCE CORP ORD	JP	4.43%			
ANSYS Inc	US	4.19%			
Renishaw	GB	4.06%	Worst Performing Components	YTD	1 Day
3D Systems Corp	US	3.60%	MARKFORGED HOLDING CORP	-66.67%	-7.25%
STRATASYS LTD	IL	3.58%	Konecranes Oyj	-35.80%	-5.14%
LAM RESEARCH CORP	US	3.42%	Durr AG	-47.19%	-4.33%
Emerson Electric Co	US	3.13%	Bico AB	-71.12%	-4.29%
Subtotal		59.37%	Renishaw	-32.80%	-3.86%

Symbols

	Symbol	ISIN	WKN	Sedol	Bloomberg	Reuters	Telekurs
Price Index	BRB3D	DE000SLOFTM8	SLOFTM	BNNMYV2	BRB3D	.BRB3D	118373761
Total Return Net	BRB3DNTR	DE000SLOFTN6	SLOFTN	BNNMYW3	BRB3DNTR	.BRB3DNTR	118373763
Total Return Gross	BRB3DTR	DE000SLOFTP1	SLOFTP	BNNMYX4	BRB3DTR	.BRB3DTR	118373764

For further information visit www.mvis-indices.com

Nothing on this factsheet shall be considered a solicitation to buy or an offer to sell a security, or any other product or service, to any person in any jurisdiction where such offer, solicitation, purchase or sale would be unlawful under the laws of such jurisdiction. Neither MV Index Solutions GmbH nor any of its licensors makes any warranties or representations, express or implied, to the user with respect to any of the data contained herein. The data is provided for informational purposes only, and the Company shall not be responsible or liable for the accuracy, usefulness or availability of any information transmitted or made available through it. The MVIS® indices are protected through various intellectual property rights and unfair competition and misappropriation laws. In particular, Van Eck Associates Corporation has registered the "MVIS" trademark. You require a licence to launch any product whose performance is linked to the value of a particular MVIS® index and for all use of the MVIS® name or name of the MVIS® index in the marketing of the product. All information shown prior to the index launch date is simulated performance data created from backtesting ("simulated past performance"). Simulated past performance is not actual but hypothetical performance based on the same or fundamentally the same methodology that was in effect when the index was launched. Simulated past performance may materially differ from the actual performance. Actual or simulated past performance is no guarantee for future results.