

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 307.42/100.00 291.12/161.35

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)	27.73
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)	0.11

FUNDAMENTALS*

Price/Earnings Trailing	74.84
Price/Book	3.10
Price/Sales	3.31
Price/Cash Flow	19.71
Dividend Yield	0.99

ANNUALISED PERFORMANCE*

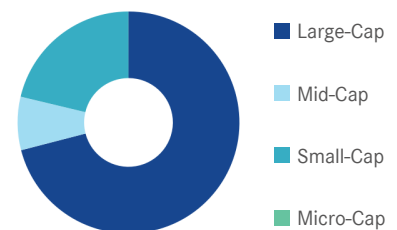
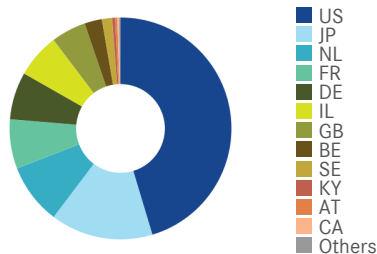
1 Month	-12.98%
1 Year	-39.89%
3 Years	2.36%
5 Years	5.69%
Since Inception	9.45%

* Indxx Global Robotics & Artificial Intelligence Thematic * as of 31 May 2022

* 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%

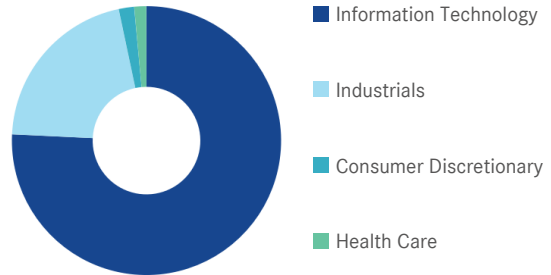


Size	Count	Weight
Large-Cap (> 6 bn)	28	70.98%
Mid-Cap (1.5 bn - 6 bn)	15	7.75%
Small-Cap (0.2 bn - 1.5 bn)	11	21.27%
Micro-Cap (0.0 bn - 0.2 bn)	0	0.00%

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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%			
3D Systems Corp	US	3.60%			
STRATASYS LTD	IL	3.58%			
LAM RESEARCH CORP	US	3.42%			
Emerson Electric Co	US	3.13%			
Subtotal		59.37%			

Worst Performing Components	YTD	1 Day
MARKFORGED HOLDING CORP	-66.67%	-7.25%
Konecranes Oyj	-35.80%	-5.14%
Durr AG	-47.19%	-4.33%
Bico AB	-71.12%	-4.29%
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

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