

AB Dynamics PLC (ABDP:LN)



London
Stock Exchange

Industrials/Machinery: Industrial

Price: 1,795.00

Report Date: April 17, 2024

Business Description and Key Statistics

AB Dynamics plc is engaged in designing, manufacturing, and supplying advanced testing, simulation, and measurement products to the global transport market. The Company's products and services are used primarily for the development of road vehicles, particularly in the areas of active safety and autonomous systems, as well as automation of vehicles used for other applications, such as mining and defense. Its product categories include driving simulators, which include advanced vehicle driving simulators, track testing, and measurement systems. Its driving simulators include aVDS-Dynamic, aVDS-Motorsport, and aVDS-Static. Its track testing includes Driving Robots, Ground Traffic Control, and ADAS Targets. It also offers dynamometer-based testing services to the automotive sector in the United States of America, particularly focused on the development and deployment of electric vehicles (EV) for US based automotive original equipment manufacturers (OEMs).

Website: <https://www.abdynamics.com/>

ICB Industry: Industrials

ICB Subsector: Machinery: Industrial

Address: Middleton Drive, Bradford on Avon
United Kingdom BA15 1GB
GBR

Employees: 471

	Current	YTY % Chg
Revenue LFY (M)	101	25.5
EPS Diluted LFY	0.47	177.6
Market Value (M)	412	
Shares Outstanding LFY (000)	22,934	
Book Value Per Share	5.46	
EBITDA Margin %	20.00	
Net Margin %	11.0	
Long-Term Debt / Capital %	0.7	
Dividends and Yield TTM	0.06 - 0.35%	
Payout Ratio TTM %	11.4	
60-Day Average Volume (000)	26	
52-Week High & Low	2,060.00 - 1,295.00	
Price / 52-Week High & Low	0.87 - 1.39	

Price, Moving Averages & Volume



AB Dynamics PLC is currently trading at 1,795.00 which is 0.8% above its 50 day moving average price of 1,780.20 and 5.0% above its 200 day moving average price of 1,709.92.

ABDP:LN is currently 12.9% below its 52-week high price of 2,060.00 and is 38.6% above its 52-week low price of 1,295.00. Over the past 52-weeks, ABDP:LN is up 0.0% while on a calendar year-to-date basis it is up 0.3%.

The Relative Strength Index (RSI) indicator for ABDP:LN is currently 57.05. An RSI value of 70 and above is considered overbought and 30 and below oversold.

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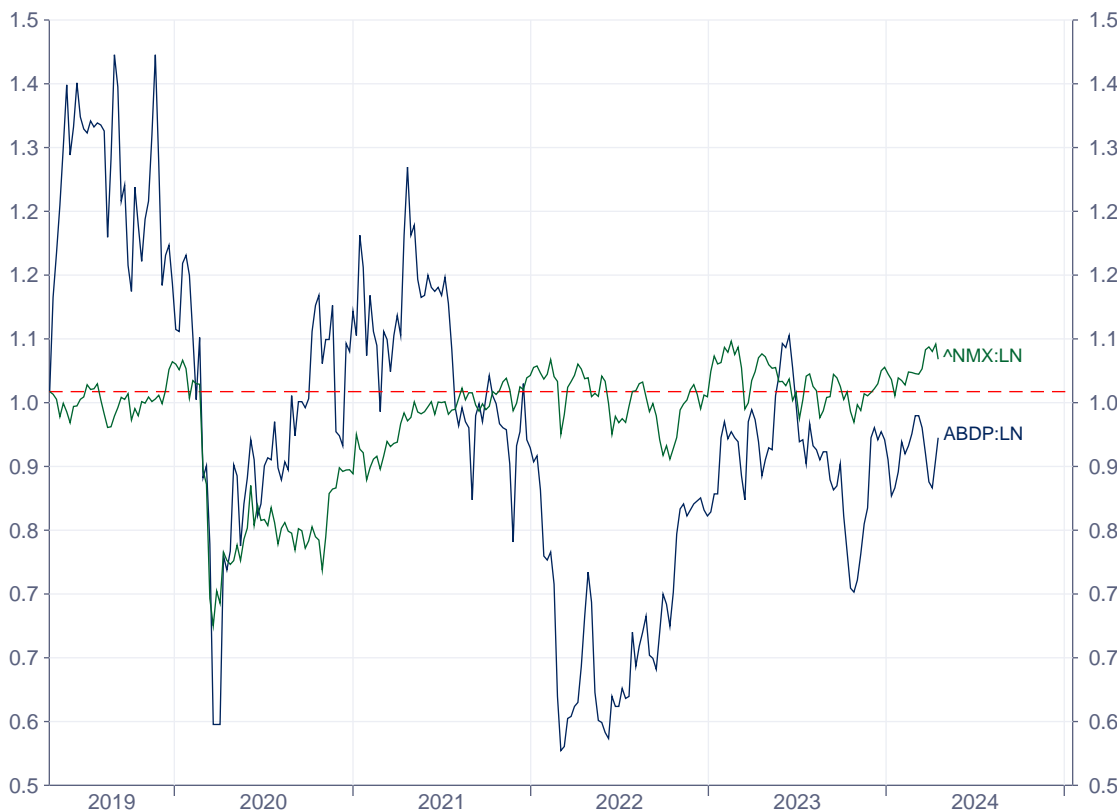
Price Performance, Technical Indicators & Risk Metrics

Price Performance	% Change	Difference vs FTSE 350	Technical Indicators	
1-Day %	2.57	2.27	50-Day Average Price	1780.20
1-Week %	2.57	4.12	Price / 50-Day Average	1.01
4-Week %	-1.37	-2.66	200-Day Average Price	1709.92
52-Week %	0.00	0.63	Price / 200-Day Average	1.05
Quarter-to-Date %	6.53	8.04	RSI - Relative Strength Index	57.05
Year-to-Date %	0.28	-0.74	Risk Metrics	
Last Month %	-9.41	-13.66	Price Volatility	39.82
Last Quarter %	-5.87	-8.44	Sharpe Ratio	0.05
Last Calendar Year %	11.88	8.00	Sortino Ratio	0.10

5-Year Price Performance vs. FTSE 350

AB Dynamics PLC
FTSE 350 Index

Current: 0.94 CAGR: -1.2%
Current: 1.04 CAGR: 0.8%



Over the past five years, AB Dynamics PLC's stock price is down 6.0% which is 10.3% below the FTSE 350 Index performance of 4.2% over the same period. AB Dynamics PLC's cumulative annualized growth rate (CAGR) over the five year period has been -1.2% while that of the FTSE 350 Index has been 0.8%.

Over the past year, AB Dynamics PLC's stock price performance of 0.0% has outperformed that of the FTSE 350 Index by 0.6%. On a year-to-date basis, AB Dynamics PLC's stock price performance of 0.3% has outperformed the FTSE 350 Index by 0.7%.

Over the past week, AB Dynamics PLC's stock price performance of 2.6% has outperformed that of the FTSE 350 Index by 4.1%.

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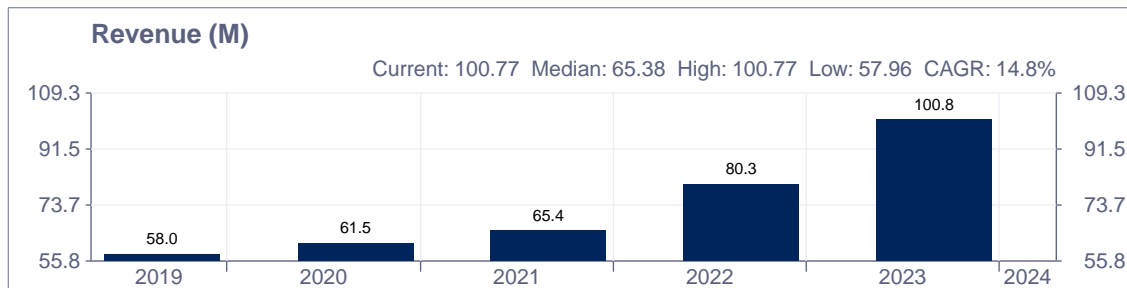
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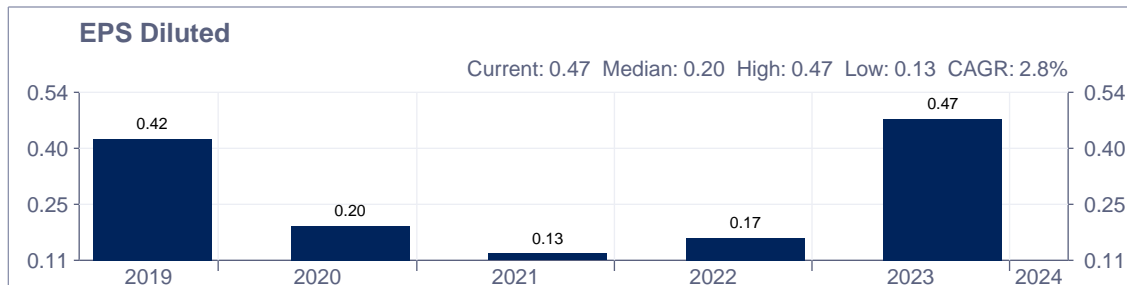
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Growth and Profitability Metrics

Historical Growth	3-Year	5-Year	10-Year	Profitability	Current	5-Year Average	10-Year Average
Revenues %	17.9	22.2	23.5	Gross Margin %	59.5	55.7	43.4
Revenues Per Share %	16.2	18.6	17.6	EBITDA Margin %	20.0	15.2	18.3
EBITDA %	34.8	19.9	26.4	Pre-Tax Margin %	11.4	9.1	15.3
EPS Diluted %	33.3	5.8	16.8	Net Margin %	11.0	7.6	13.3
Free Cash Flow %	999.9	20.9	21.4	Return on Equity %	9.3	6.4	15.0
Cash from Operations %	58.1	16.5	24.9	Return on Capital %	9.4	6.4	15.4
Book Value %	6.2	22.9	26.9	Return on Assets %	6.8	5.0	12.1



AB Dynamics PLC's cumulative annualized revenue growth rate over the charted period is 14.8%. This compares to cumulative annualized growth of 17.9% over the past 3 years.



AB Dynamics PLC's cumulative annualized EPS growth rate over the charted period is 2.8%. This compares to cumulative annualized growth of 33.3% over the past 3 years.



AB Dynamics PLC's net profit margin of 11.0% is 3.4% above the period's mean net margin of 7.6%. During the charted period, the observed net profit margin high and low were 18.3% and 3.9% respectively.



AB Dynamics PLC's return on equity of 9.3% is 2.9% above the period's mean return on equity of 6.4%. During the charted period, the observed ROE high and low were 22.8% and 2.7% respectively.

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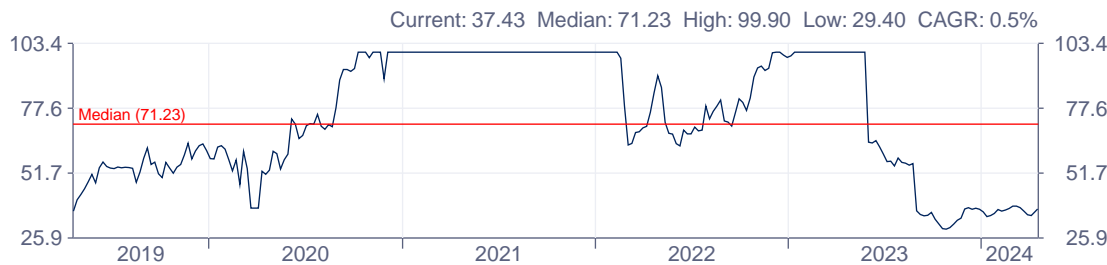
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Valuation Metrics

	Current	5-Year Median	10-Year Median		Current	5-Year Median	10-Year Median
Price / EPS TTM	37.4	71.2	37.3	Earnings Yield %	2.80	1.36	2.67
Price / Sales	4.1	5.5	4.6	Free Cash Flow Yield %	1.92	1.04	1.03
Price / Operating Cash Flow	24.9	46.1	32.6	Dividend Yield %	0.35	0.30	0.33
Price / Book Value	3.3	3.8	4.1	Enterprise Value / EBITDA	18.8	34.6	25.7

Price / EPS TTM



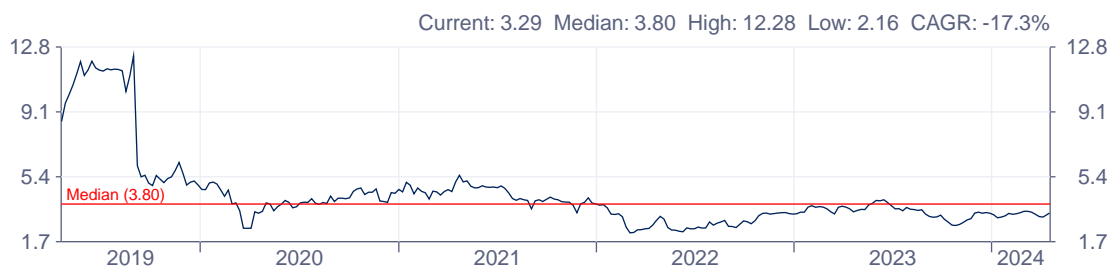
AB Dynamics PLC is trading at 37.43 times its EPS generated during the latest fiscal year. This multiple is below the historically observed median of 71.23, while high and low observations have been 99.90 and 29.40.

Price / Sales



AB Dynamics PLC is trading at a Price to Sales ratio of 4.12 based on sales generated during the latest fiscal year. This ratio is below the historically observed median ratio of 5.45, while high and low observations have been 11.32 and 3.05.

Price / Book Value



AB Dynamics PLC is trading at a Price to Book ratio of 3.29 based on book value at the latest fiscal year end. This ratio is below the historically observed median of 3.80, while high and low observations have been 12.28 and 2.16.

Free Cash Flow Yield %



AB Dynamics PLC has a Free Cash Flow Yield of 1.92% based on free cash flow generated during the latest fiscal year. This value is above the historically observed median yield of 1.04%, while high and low observations have been 2.96 and 0.00.

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Dividends Data

Dividends Per Share TTM		0.06	Payout Ratio TTM %		11.43%	Dividend Yield TTM %		0.35%
Rate	Ex Date	Record Date	Payment Date	Currency	Note			
0.044	08-02-2024	09-02-2024	06-03-2024	GBP				
0.019	04-05-2023	05-05-2023	19-05-2023	GBP				
0.035	29-12-2022	30-12-2022	27-01-2023	GBP				
0.018	05-05-2022	06-05-2022	20-05-2022	GBP				
0.032	30-12-2021	31-12-2021	28-01-2022	GBP				
0.016	06-05-2021	07-05-2021	14-05-2021	GBP				
0.044	07-01-2021	08-01-2021	22-01-2021	GBP				
0.028	02-01-2020	03-01-2020	13-02-2020	GBP				
0.016	02-05-2019	03-05-2019	17-05-2019	GBP				
0.022	22-11-2018	23-11-2018	14-12-2018	GBP				
0.015	03-05-2018	04-05-2018	18-05-2018	GBP				

Dividend Growth and Yield

Dividends Per Share TTM



AB Dynamics PLC's trailing 12-month dividend per share is 0.06 and its dividend has grown at a cumulative annualized rate of 8.9% over the charted period. This compares to dividend growth of 20.00% over the past year and cumulative annualized growth of 13.10% over the past 3 years.

Dividend Yield TTM %



AB Dynamics PLC's current dividend yield is 0.35% based on trailing 12 month dividends. The current yield is above the historically observed median of 0.30% and, over the charted time period, the observed high yield has been 0.52% and the observed low yield has been 0.07%.

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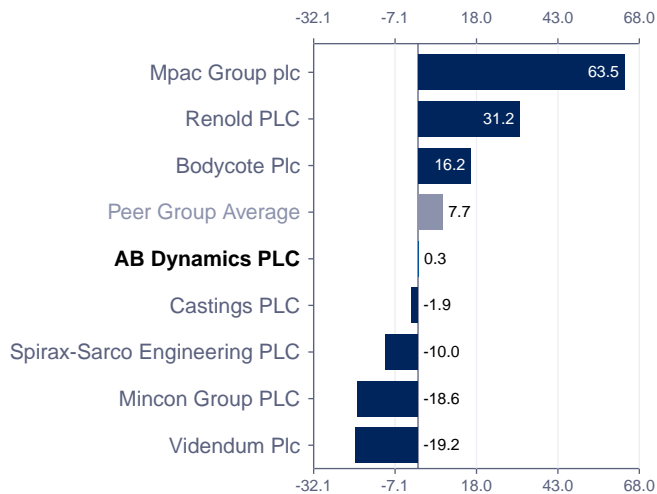
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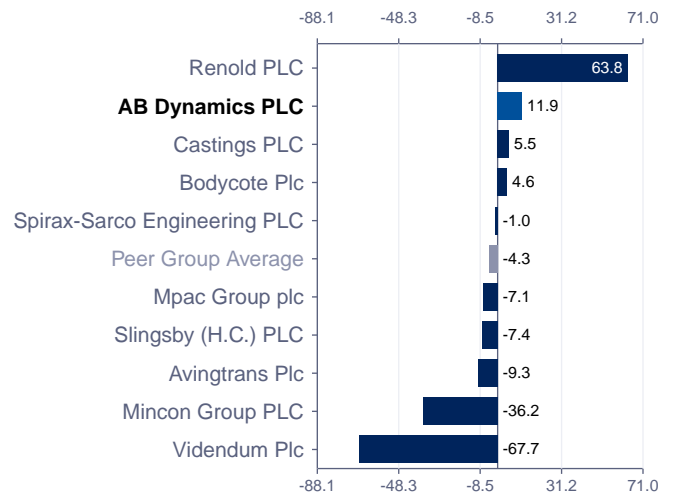
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ICB Subsector Peer Comparisons

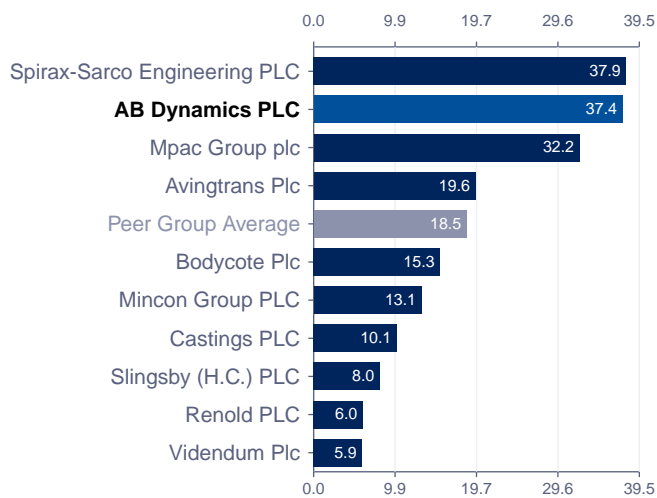
Price Change Year to Date %



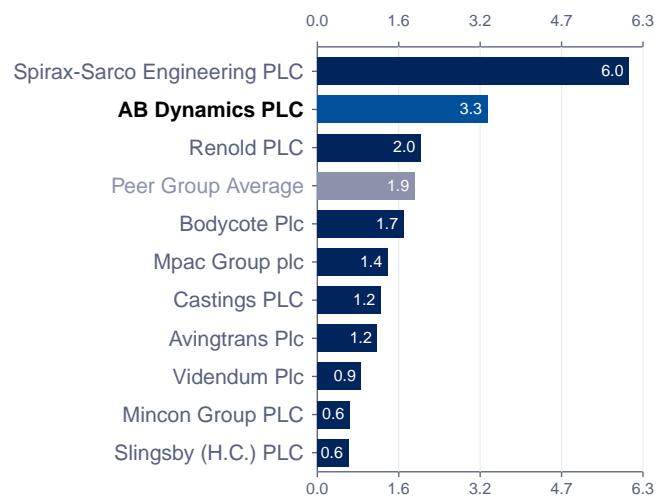
Price Change Last Calendar Year %



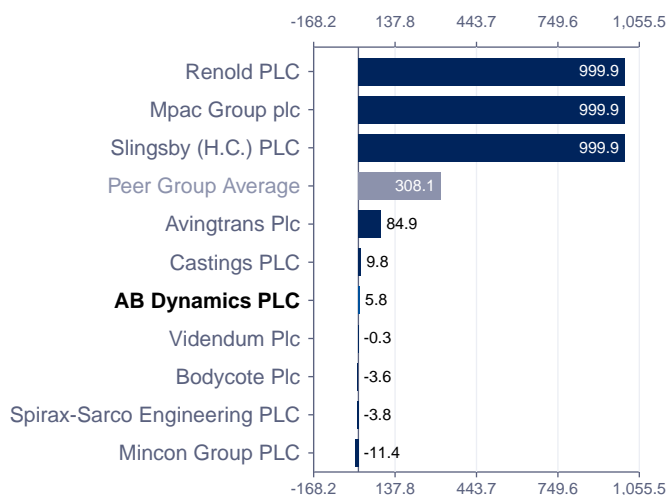
Price / EPS TTM



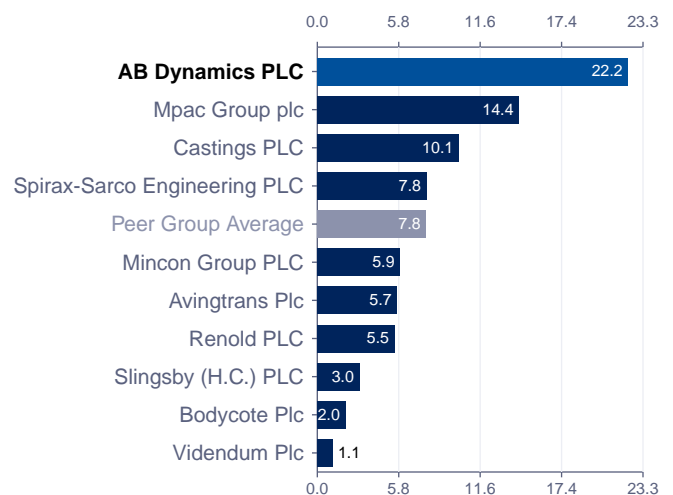
Price / Book Value



EPS 5-Year Growth Rate %



Revenue 5-Year Growth Rate %



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Abbreviations:

CAGR	- Cumulative annual growth rate.
EBIT	- Earnings before interest and taxes.
EBITDA	- Earnings before interest, taxes, depreciation & amortization.
LFY	- Last fiscal year
M	- Million
LON	- London Stock Exchange

Definitions:

Market Value - Weekly Price times latest Shares Outstanding times any applicable ADR factor.

Revenue - Sum of the last four quarters of Revenues.

Revenue Per Share - Sum of the last four quarters of Total Revenue divided by Weighted Average Shares Outstanding.

Operating EPS LFY - EPS excluding non-recurring, non-operating items, fiscal year aligned TTM value.

60-Day Average Volume (000) - The average of the last 60 daily volume values in thousands of shares.

Price 52-Week High - The high closing price from the last 52 weeks of daily closing prices.

Price 52-Week Low - The low closing price from the last 52 weeks of daily closing prices.

Price / 52-Week High - Latest price divided by the high price from the past 52 weeks of daily closing prices.

Price / 52-Week Low - Latest price divided by the low price from the past 52 weeks of daily closing prices.

50-Day Average Price - Mean of last 50 daily closing prices.

200-Day Average Price - Mean of last 200 daily closing prices.

Price / 50-Day Average Price - Latest closing price divided by mean of last 50 daily closing prices, as a percentage.

Price / 200-Day Average Price - Latest closing price divided by mean of last 200 daily closing prices, as a percentage.

Relative Strength Index - Relative Strength Index or RSI measures the magnitude of gains over a given time period against the magnitude of losses over that period. The equation is $RSI = 100 - 100 / (1 + RS)$ where $RS = (\text{total gains} / n) / (\text{total losses} / n)$ and n = number of RSI periods. In this item, 14 days is used and one year of daily prices are considered. A value of 30 or below may imply oversold and 70 or above may imply overbought.

Price Volatility - The standard deviation of the last 20 days of daily closing prices.

Sharpe Ratio - The 5 year average of the excess monthly return over the risk - free rate(1 - month T - bill) over the 5 year standard deviation of the same series.

Sortino Ratio - The same calculation as the Sharpe Ratio but with positive excess returns set to zero for the standard deviation denominator, so only negative volatility weighs in.

Dividends Per Share TTM - Sum of the last four quarters of Dividends Per Share.

Payout Ratio - Dividends Per Share TTM divided by Operating EPS TTM.

Dividend Yield TTM % - Sum of the last four quarter of Dividends Per Share divided by Weekly Price.

EBITDA - Sum of the last four quarters of EBITDA (Operating Income + Depreciation & Amortization).

Free Cash Flow - Sum of the last four quarters Net Cash from Operations minus Capital Expenditures (Purchase of Property, Plant & Equipment), from the Cash Flow Statement.

Book Value Per Share - Total Common Equity last quarter divided by Shares Outstanding last quarter.

Gross Margin % - Sum of the last four quarters Gross Profit divided by the sum of the last four quarters Revenues.

EBITDA Margin % - Sum of the last four quarters EBITDA divided by the sum of the last four quarters Revenues.

Pre-Tax Margin % - Sum of the last four quarters of Earnings Before Taxes divided by sum of the last four quarters Revenues.

Net Profit Margin % - Sum of the last four quarters of Operating EPS divided by sum of the last four quarters Revenues Per Share.

Return on Equity % - Sum of the last four quarters of Operating EPS divided by the average of the last four quarters Book Value.

Return on Capital % - Sum of the last four quarters of Operating EPS divided by the average of the last four quarters Total Capital Per Share.

Return on Assets % - Sum of the last four quarters of Operating EPS divided by the average of the last four quarters Total Assets Per Share.

Price / EPS TTM - Weekly Price divided by the sum of the last four quarters of Operating EPS (capped at 99.9).

Price / Sales - Weekly Price divided by Revenues Per Share TTM.

Price / Book Value - Weekly Price divided by Book Value Per Share last quarter. Book Value Per Share is Total Common Equity last quarter divided by Shares Outstanding last quarter (capped at 49.9).

Free Cash Flow Yield % - Free Cash Flow Per Share TTM divided by Weekly Price.

Enterprise Value - Market Value plus Total Debt last year plus Preferred Equity last year minus Cash & Cash Equivalents last year.

Enterprise Value / Sales - Enterprise Value divided by the sum of the last four quarters of Revenue.

Enterprise Value / EBITDA - Enterprise Value divided by EBITDA TTM.

Enterprise Value / EBIT - Enterprise Value divided by trailing four quarters of Operating Income.

Enterprise Value / Free Cash Flow - Enterprise Value divided by the sum of the last four quarters of Free Cash Flow.

Russell 1000 Index - The largest 1,000 stocks by market cap, the index comprehensively covers the US large cap universe.

EPS 5-Year Growth Rate % is capped at 999.9%.

Revenue 5-Year Growth Rate % is capped at 999.9%.

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