# Bajaj Auto

mkay

Refer to important disclosures at the end of this report

**CMP** Rs 3,717

**Target Price** Rs 4,250 (A)

HOLD (■)

**Upside** Rating 14.3 %

## Q3 EBITDA grew by 29% YoY to Rs17.8bn, clocking 10% above our estimate due to higher revenues and gross-margin beat. Revenue increased by 3% to Rs93.2bn, coming in 3% above our estimates on better realizations and spare-part sales. Going forward, we build in 8% volume CAGR over FY23-25E (which is lower than the 11-12% CAGR for peers such as TVSL and EIM), mainly due to higher exposure to overseas markets. Exports is likely to be under pressure in the near term, owing to weak macros, adverse currency movements and USD availability issues in the Africa, South Asia and Latin America regions. In contrast, we expect domestic volumes to grow in double-digits, driven by strong urban demand, better finance availability and favorable base effect. We maintain HOLD on the stock, with TP of Rs4,250/share (Rs4,050 earlier), based on 17x FY25E Core EPS (Dec-24E earlier),

value of investments at Rs246/share and cash reserves of Rs607/share.

Q3 EBITDA beats our estimates;

volume growth ahead to lag peers'

- Q3 EBITDA beats estimates: Revenue grew by 3% YoY at Rs93.2bn (Emkay est.: Rs90.5bn), slightly above estimates owing to better-than-expected realizations and sparepart sales. Volume declined by 17% to 0.98mn units and Realization grew by 24% to Rs94,736/unit, beating our estimates due to better variant mix within models and favorable currency movement. EBITDA grew by 29% to Rs17.8bn (Emkay est.: Rs16.1bn), above our estimates, owing to higher revenues and gross-margin beat. Gross margin expanded by 410bps, driven by price hikes, favorable commodity/currency movement and better product mix. Overall, PAT grew by 23% to Rs14.9bn (Emkay est.: Rs14.2bn), ahead of our expectations on higher operating profit. What we liked: 1) Strong margin performance. 2) Q3 domestic 2W product mix improved, with higher share of +125cc category. Within Pulsar 125cc, share of the recently-launched carbon-fiber variant has risen to 85%. The Pulsar 150cc & above category is seeing strong growth owing to recently-launched P150 and N160 versions. What we did not like: 1) Q3 exports witnessed a steep decline, and weakness is expected continue in Q4 as well.
- Earnings-call KTAs: 1) Exports are weak in Africa, South Asia and Latin America due to weak macros, adverse currency movement and USD availability issues. In comparison, exports are growing in ASEAN due to pent-up demand. Exports are expected to remain weak in the near term, and Management expects normalcy by end-Q1FY24. 2) In Q4, commodity cost is expected to be flat or slightly increase. 3) Q3 INR-USD realization stood at Rs81.7, an improvement of ~2% QoQ. 4) In E-2Ws, Company has plans to launch multiple products across various use-cases in 18 months. E-2Ws are available in 50 cities, and further expansion to 100 cities is expected by Apr-23. 5) In E-3Ws, the first model launch is expected by Mar-23. 6) Cash reserves stand at Rs149bn as of Dec-22 vs. Rs155bn in Sep-22.

#### Financial Snapshot (Standalone)

(Rs mn)	FY21	FY22	FY23E	FY24E	FY25E
Revenue	277,411	331,447	359,395	393,909	435,487
EBITDA	49,285	52,586	63,528	71,076	78,755
EBITDA Margin (%)	17.8	15.9	17.7	18.0	18.1
APAT	45,546	47,761	55,124	60,013	65,606
EPS (Rs)	157.4	165.1	194.8	212.1	231.9
EPS (% chg)	(10.7)	4.9	18.0	8.9	9.3
ROE (%)	20.2	18.4	21.7	24.6	26.2
P/E (x)	23.6	22.5	19.1	17.5	16.0
EV/EBITDA (x)	17.7	16.4	13.8	12.4	11.2
P/BV (x)	4.3	4.0	4.4	4.3	4.1

Change in Estimates	
EPS Chg FY23E/FY24E (%)	2.2/(0.5)
Target Price change (%)	4.9
Target Period (Months)	12
Previous Reco	HOLD
Emkay vs Consensus	

## **EPS Estimates**

Emkay	194.8	212.1
Consensus	197.1	224.3
Mean Consensus TP (12	M)	Rs 4,045
Stock Details		
Bloomberg Code		BJAUT IN
Face Value (Rs)		10
Shares outstanding (mn)		280

FY23E

FY24E

race value (RS)	10
Shares outstanding (mn)	289
52 Week H/L	4,132 / 3,125
M Cap (Rs bn/USD bn)	1,076 / 13.18
Daily Avg Volume (nos.)	281,526
Daily Avg Turnover (USD n	nn) 12 6

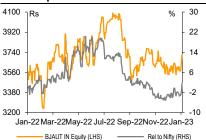
## Shareholding Pattern Dec '22

Promoters	55.0%
FIIs	11.8%
DIIs	11.0%
Public and Others	22.2%

#### **Price Performance**

(%)	1M	3M	6M	12M
Absolute	5	2	(8)	7
Rel. to Nifty	4	-	(14)	3

#### Relative price trend



Source: Bloomberg

This report is solely produced by Emkay Global. The following person(s) are responsible for the production of the recommendation:

#### Raghunandhan N L

raghunandhan.nl@emkayglobal.com +91 22 6624 2428

#### Mumuksh Mandlesha

mumuksh.mandlesha@emkayglobal.com +91 22 6612 1334

### Bhargava Perni

bhargava.perni@emkayglobal.com

+91 22 6624 2429

Squas เดือนคลาม Embau Besearcteam.emkay @ whitemarquesolutions.com use and downloaded at 01/27/20

Exhibit 1: Key revenue assumptions; expect volume CAGR of 8% over FY23-25E

Volumes (no. of units)	FY21	FY22	FY23E	FY24E	FY25E	FY23-25E CAGR
Domestic 2Ws	1,809,375	1,641,084	1,769,525	1,996,706	2,135,620	10%
- Growth (%)	(12.9)	(9.3)	7.8	12.8	7.0	
Export 2Ws	1,796,518	2,195,772	1,726,487	1,812,811	1,957,836	6%
- Growth (%)	(3.9)	22.2	(21.4)	5.0	8.0	
Domestic 3Ws/Quadricycles	109,292	160,723	276,146	309,284	340,212	11%
- Growth (%)	(70.1)	47.1	71.8	12.0	10.0	
Export 3Ws/Quadricycles	257,729	310,854	188,509	197,934	213,769	6%
- Growth (%)	(14.6)	20.6	(39.4)	5.0	8.0	
Total volumes	3,972,914	4,308,433	3,960,667	4,316,736	4,647,438	8%
- Growth (%)	(13.9)	8.4	(8.1)	9.0	7.7	

Source: Company, Emkay Research

Exhibit 2: Changes in estimates

(Po mn)		FY2	3E	FY24E				FY25E				
(Rs mn)	Earlier	Revised	% Change	% YoY	Earlier	Revised	% Change	% YoY	Earlier	Revised	% Change	% YoY
Volumes (Units)	3,998,414	3,960,667	(0.9)	(8.1)	4,455,383	4,316,736	(3.1)	9.0	4,796,483	4,647,438	(3.1)	7.7
Revenue	358,457	359,395	0.3	8.4	400,300	393,909	(1.6)	9.6	442,572	435,487	(1.6)	10.6
EBITDA	60,666	63,528	4.7	20.8	70,161	71,076	1.3	11.9	77,728	78,755	1.3	10.8
EBITDA margin (%)	16.9	17.7	75 bps	181 bps	17.5	18.0	52 bps	37 bps	17.6	18.1	52 bps	4 bps
Net Profit	53,918	55,124	2.2	15.4	60,310	60,013	(0.5)	8.9	65,859	65,606	(0.4)	9.3
EPS (Rs)	190.5	194.8	2.2	18.0	213.1	212.1	(0.5)	8.9	232.7	231.9	(0.4)	9.3

Source: Company, Emkay Research

Exhibit 3: Actual vs. Estimates (Q3FY23)

(De mm)	Actual	Estimates		% Variation		Comment
(Rs mn)	Actual	Emkay	Consensus	Emkay	Consensus	Comment
Total Revenue	93,151	90,501	89,983	2.9	3.5	Slightly above estimates owing to better-than-expected realizations and spare-part sales
EBITDA	17,768	16,134	15,609	10.1	13.8	Above estimates owing to higher revenues and gross margin beat
EBITDA margin (%)	19.1	17.8	17.3	125 bps	173 bps	
Adjusted net profit	14,914	14,224	13,774	4.9	8.3	Above estimates due to higher operating profit.

Source: Bloomberg, Company, Emkay Research

## **Exhibit 4: Quarterly performance**

(Rs mn)	Q3FY22	Q4FY22	Q1FY23	Q2FY23	Q3FY23	YoY (%)	QoQ (%)	FY23 YTD	FY22 YTD	YoY (%)
Revenue	90,217	79,748	80,050	102,028	93,151	3.3	(8.7)	275,229	251,699	9.3
Expenditure	76,495	66,092	67,080	84,440	75,383	(1.5)	(10.7)	226,903	212,768	6.6
as % of sales	84.8	82.9	83.8	82.8	80.9			82.4	84.5	
Consumption of RM	67,433	57,357	57,776	74,861	65,775	(2.5)	(12.1)	198,413	185,941	6.7
as % of sales	74.7	71.9	72.2	73.4	70.6			72.1	73.9	
Employee Cost	3,399	3,059	3,796	3,522	3,511	3.3	(0.3)	10,829	10,530	2.8
as % of sales	3.8	3.8	4.7	3.5	3.8			3.9	4.2	
Other expenditure	5,664	5,677	5,507	6,058	6,097	7.6	0.6	17,662	16,298	8.4
as % of sales	6.3	7.1	6.9	5.9	6.5			6.4	6.5	
EBITDA	13,721	13,656	12,970	17,587	17,768	29.5	1.0	48,326	38,930	24.1
EBITDA margin (%)	15.2	17.1	16.2	17.2	19.1			17.6	15.5	
Depreciation	698	697	673	670	740	5.9	10.4	2,083	1,995	4.4
EBIT	13,023	12,959	12,297	16,917	17,029	30.8	0.7	46,243	36,935	25.2
Other Income	2,728	2,889	3,193	3,332	2,691	(1.3)	(19.2)	9,216	9,204	0.1
Interest	18	29	43	109	85	373.7	(22.3)	237	58	310.7
PBT	15,733	15,819	15,447	20,140	19,635	24.8	(2.5)	55,221	46,081	19.8
Total Tax	3,591	3,557	3,714	4,840	4,721	31.5	(2.5)	13,274	10,582	25.4
Adjusted PAT	12,142	12,262	11,733	15,300	14,914	22.8	(2.5)	41,947	35,499	18.2
Extra ordinary items Loss/(Gain)	0	(2,428)	0	0	0			0	0	
Reported PAT	12,142	14,690	11,733	15,300	14,914	22.8	(2.5)	41,947	35,499	18.2
Adjusted EPS (Rs)	42.0	42.4	40.5	53.9	52.7	25.6	(2.3)	147	123	20.0

Source: Company, Emkay Research

This report is intended for team.emkay@whitemarquesolutions.com use and downloaded at 01/27/2023 05:58 PM

## **Key Financials (Standalone)**

### **Income Statement**

Y/E Mar (Rs mn)	FY21	FY22	FY23E	FY24E	FY25E
Revenue	277,411	331,447	359,395	393,909	435,487
Expenditure	228,126	278,861	295,866	322,833	356,732
EBITDA	49,285	52,586	63,528	71,076	78,755
Depreciation	2,593	2,692	2,844	3,149	3,491
EBIT	46,692	49,895	60,684	67,927	75,265
Other Income	12,765	12,092	12,151	11,371	11,425
Interest expenses	67	87	303	333	367
PBT	59,390	61,901	72,532	78,965	86,323
Tax	13,844	14,139	17,408	18,952	20,718
Extraordinary Items	0	2,428	0	0	0
Minority Int./Income from Assoc.	0	0	0	0	0
Reported Net Income	45,546	50,189	55,124	60,013	65,606
Adjusted PAT	45,546	47,761	55,124	60,013	65,606

### **Balance Sheet**

Y/E Mar (Rs mn)	FY21	FY22	FY23E	FY24E	FY25E
Equity share capital	2,894	2,894	2,830	2,830	2,830
Reserves & surplus	249,129	263,794	238,346	244,347	250,908
Net worth	252,023	266,688	241,176	247,177	253,738
Minority Interest	0	0	0	0	0
Loan Funds	1,215	1,228	1,228	1,228	1,228
Net deferred tax liability	5,221	4,033	3,961	3,882	3,795
Total Liabilities	258,459	271,949	246,364	252,287	258,761
Net block	16,126	17,829	21,596	27,895	34,405
Investment	226,833	238,699	206,699	208,699	208,799
Current Assets	72,183	61,923	67,981	67,846	71,361
Cash & bank balance	5,274	5,883	5,671	1,636	723
Other Current Assets	14,032	16,859	14,599	14,740	14,748
<b>Current liabilities &amp; Provision</b>	56,843	47,270	51,569	54,363	58,013
Net current assets	15,340	14,653	16,412	13,483	13,348
Misc. exp	0	0	0	0	0
Total Assets	258,459	271,949	246,364	252,287	258,761

### **Cash Flow**

Y/E Mar (Rs mn)	FY21	FY22	FY23E	FY24E	FY25E
PBT (Ex-Other income) (NI+Dep)	46,625	52,961	60,381	67,594	74,898
Other Non-Cash items	0	0	0	0	0
Chg in working cap	(5,105)	6,009	(1,972)	(1,106)	(778)
Operating Cashflow	18,374	29,983	34,976	46,540	52,140
Capital expenditure	(2,509)	(5,176)	(7,500)	(10,000)	(10,000)
Free Cash Flow	15,865	24,807	27,476	36,540	42,140
Investments	(26,808)	1,787	32,000	(2,000)	(100)
Other Investing Cash Flow	663	2,430	0	0	0
Investing Cashflow	(15,889)	11,133	36,651	(629)	1,325
Equity Capital Raised	0	0	(31,025)	0	0
Loans Taken / (Repaid)	(53)	0	0	0	0
Dividend paid (incl tax)	(87)	(40,490)	(40,512)	(49,612)	(54,012)
Other Financing Cash Flow	(99)	57	0	0	0
Financing Cashflow	(294)	(40,506)	(71,840)	(49,945)	(54,379)
Net chg in cash	2,191	610	(213)	(4,034)	(913)
Opening cash position	3,083	5,274	5,883	5,671	1,636
Closing cash position	5,274	5,883	5,671	1,636	723
Source: Company, Emkay Research					

Source: Company, Emkay Research

This report is intended for team.emkay@whitemarquesolutions.com use and downloaded at 01/27/2023 05:58 PM

## **Key Ratios**

Profitability (%)	FY21	FY22	FY23E	FY24E	FY25E
EBITDA Margin	17.8	15.9	17.7	18.0	18.1
EBIT Margin	16.8	15.1	16.9	17.2	17.3
Effective Tax Rate	23.3	22.8	24.0	24.0	24.0
Net Margin	16.4	14.4	15.3	15.2	15.1
ROCE	15.2	14.3	17.7	20.6	22.3
ROE	20.2	18.4	21.7	24.6	26.2
RoIC	162.8	145.8	156.5	143.2	131.8

Per Share Data (Rs)	FY21	FY22	FY23E	FY24E	FY25E
EPS	157.4	165.1	194.8	212.1	231.9
CEPS	166.4	174.4	204.9	223.2	244.2
BVPS	870.9	921.6	852.3	873.5	896.7
DPS	140.0	140.0	175.3	190.9	208.7

Valuations (x)	FY21	FY22	FY23E	FY24E	FY25E
PER	23.6	22.5	19.1	17.5	16.0
P/CEPS	22.3	21.3	18.1	16.7	15.2
P/BV	4.3	4.0	4.4	4.3	4.1
EV / Sales	3.1	2.6	2.4	2.2	2.0
EV / EBITDA	17.7	16.4	13.8	12.4	11.2
Dividend Yield (%)	3.8	3.8	4.7	5.1	5.6

Gearing Ratio (x)	FY21	FY22	FY23E	FY24E	FY25E
Net Debt/ Equity	(8.0)	(0.8)	(0.7)	(0.7)	(0.7)
Net Debt/EBIDTA	(4.2)	(4.0)	(2.8)	(2.4)	(2.1)
Working Cap Cycle (days)	13.2	9.7	10.9	11.0	10.6

Growth (%)	FY21	FY22	FY23E	FY24E	FY25E
Revenue	(7.3)	19.5	8.4	9.6	10.6
EBITDA	(3.3)	6.7	20.8	11.9	10.8
EBIT	(3.7)	6.9	21.6	11.9	10.8
PAT	(10.7)	10.2	9.8	8.9	9.3

Quarterly (Rs mn)	Q3FY22	Q4FY22	Q1FY23	Q2FY23	Q3FY23
Revenue	90,217	79,748	80,050	102,028	93,151
EBITDA	13,721	13,656	12,970	17,587	17,768
EBITDA Margin (%)	15.2	17.1	16.2	17.2	19.1
PAT	12,142	12,262	11,733	15,300	14,914
EPS (Rs)	42.0	42.4	40.5	53.9	52.7

Source: Company, Emkay Research

Shareholding Pattern (%)	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22
Promoters	53.7	53.8	53.8	54.8	55.0
FIIs	10.2	10.5	11.2	11.6	11.8
DIIs	13.2	13.2	12.4	11.6	11.0
Public and Others	22.8	22.6	22.7	22.0	22.2

Source: Capitaline

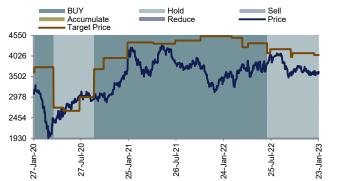
#### RECOMMENDATION HISTORY (Rs/share)

Source: Company, Emkay Research

Date	Closing Price	TP	Period	Rating	Analyst
13-Jan-23	3,605	4,050	12m	Hold	Raghunandhan NL
6-Jan-23	3,642	4,050	12m	Hold	Raghunandhan NL
15-Oct-22	3,571	4,100	12m	Hold	Raghunandhan NL
9-Oct-22	3,604	4,000	12m	Hold	Raghunandhan NL
22-Jul-22	4,055	4,200	12m	Hold	Raghunandhan NL
10-Jul-22	3,825	4,100	12m	Hold	Raghunandhan NL
10-May-22	3,593	4,350	12m	Buy	Raghunandhan NL
28-Apr-22	3,834	4,350	12m	Buy	Raghunandhan NL
6-Apr-22	3,802	4,250	12m	Buy	Raghunandhan NL
24-Feb-22	3,479	4,490	12m	Buy	Raghunandhan NL
28-Oct-21	3,701	4,530	12m	Buy	Raghunandhan NL
23-Jul-21	3,842	4,420	12m	Buy	Raghunandhan NL
2-Jul-21	4,175	4,340	12m	Buy	Raghunandhan NL
18-Jun-21	4,167	4,340	12m	Buy	Raghunandhan NL
1-Jun-21	4,239	4,340	12m	Buy	Raghunandhan NL
30-May-21	4,200	4,340	12m	Buy	Raghunandhan NL
30-Apr-21	3,834	4,340	12m	Buy	Raghunandhan NL
21-Jan-21	3,703	4,370	12m	Buy	Raghunandhan NL
22-Oct-20	3,006	3,976	12m	Buy	Raghunandhan NL
11-Oct-20	3,060	3,691	12m	Buy	Raghunandhan NL
29-Sep-20	2,898	3,691	12m	Buy	Raghunandhan NL
15-Sep-20	2,937	3,691	12m	Buy	Raghunandhan NL
28-Aug-20	3,014	2,978	12m	Hold	Raghunandhan NL
22-Jul-20	2,985	2,978	12m	Hold	Raghunandhan NL
29-Jun-20	2,860	2,629	12m	Hold	Raghunandhan NL
21-May-20	2,640	2,629	12m	Hold	Raghunandhan NL
4-May-20	2,442	2,708	12m	Hold	Raghunandhan NL
13-Apr-20	2,398	2,708	12m	Hold	Raghunandhan NL
27-Feb-20	2,937	3,740	12m	Buy	Raghunandhan NL
31-Jan-20	3,180	3,740	12m	Buy	Raghunandhan NL
30-Jan-20	3,146	3,600	12m	Buy	Raghunandhan NL

Source: Bloomberg, Company, Emkay Research

## RECOMMENDATION HISTORY (Rs/share)



### **Emkay Rating Distribution**

Ratings	Expected Return within the next 12-18 months.
BUY	Over 15%
HOLD	Between -5% to 15%
SELL	Below -5%

Completed Date: 26 Jan 2023 01:35:12 (SGT) Dissemination Date: 26 Jan 2023 01:36:12 (SGT)

Sources for all charts and tables are Emkay Research unless otherwise specified.

#### GENERAL DISCLOSURE/DISCLAIMER BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Emkay Global Financial Services Limited (CIN-L67120MH1995PLC084899) and its affiliates are a full-service, brokerage, investment banking, investment management and financing group. Emkay Global Financial Services Limited (EGFSL) along with its affiliates are participants in virtually all securities trading markets in India. EGFSL was established in 1995 and is one of India's leading brokerage and distribution house. EGFSL is a corporate trading member of Bombay Stock Exchange Limited (BSE), National Stock Exchange of India Limited (NSE), MCX Stock Exchange Limited (MCX-SX). EGFSL along with its subsidiaries offers the most comprehensive avenues for investments and is engaged in the businesses including stock broking (Institutional and retail), merchant banking, commodity broking, depository participant, portfolio management, insurance broking and services rendered in connection with distribution of primary market issues and financial products like mutual funds, fixed deposits. Details of associates are available on our website i.e. www.emkayglobal.com

EGFSL is registered as Research Analyst with SEBI bearing registration Number INH000000354 as per SEBI (Research Analysts) Regulations, 2014. EGFSL hereby declares that it has not defaulted with any stock exchange nor its activities were suspended by any stock exchange with whom it is registered in last five years, except that NSE had disabled EGFSL from trading on October 05, October 08 and October 09, 2012 for a manifest error resulting into a bonafide erroneous trade on October 05, 2012. However, SEBI and Stock Exchanges have conducted the routine inspection and based on their observations have issued advice letters or levied minor penalty on EGFSL for certain operational deviations in ordinary/routine course of business. EGFSL has not been debarred from doing business by any Stock Exchange / SEBI or any other authorities; nor has its certificate of registration been cancelled by SEBI at any point of time.

EGFSL offers research services to clients as well as prospects. The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

Other disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report

EGFSL and/or its affiliates may seek investment banking or other business from the company or companies that are the subject of this material. Emkay may have issued or may issue other reports that are inconsistent with and reach different conclusion from the information, recommendations or information presented in this report or are contrary to those contained in this report. Emkay Investors may visit www.emkayglobal.com to view all Research Reports. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the research published by any other analyst or by associate entities of Emkay; our proprietary trading, investment businesses or other associate entities may make investment decisions that are inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest including but not limited to those stated herein. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein. This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or which would subject EGFSL or its group companies to any registration or licensing requirement within such jurisdiction. Specifically, this document does not constitute an offer to or solicitation to any U.S. person for the purchase or sale of any financial instrument or as an official confirmation of any transaction to any U.S. person. Unless otherwise stated, this message should not be construed as official confirmation of any transaction. No part of this document may be distributed in Canada or used by private customers in United Kingdom. All material presented in this report, unless specifically indicated otherwise, is under copyright to Emkay. None of the material, nor its content, nor any copy of it, may be altered in any way, transmitted to, copied or distributed to any other party, without the prior express written permission of EGFSL . All trademarks, service marks and logos used in this report are trademarks or registered trademarks of EGFSL or its Group Companies. The information contained herein is not intended for publication or distribution or circulation in any manner whatsoever and any unauthorized reading, dissemination, distribution or copying of this communication is prohibited unless otherwise expressly authorized. Please ensure that you have read "Risk Disclosure Document for Capital Market and Derivatives Segments" as prescribed by Securities and Exchange Board of India before investing in Indian Securities Market. In so far as this report includes current or historic information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed.

- This publication has not been reviewed or authorized by any regulatory authority. There is no planned schedule or frequency for updating research publication relating to any issuer.
- Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets

Disclaimer for U.S. persons only: This research report is a product of Emkay Global Financial Services Limited (Emkay), which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of Financial Institutions Regulatory Authority (FINRA) or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account. This report is intended for distribution to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on the sender. Further, this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor. In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors.

This report is intended for team.emkay@whitemarquesolutions.com use and downloaded at 01/27/2023 05:58 PM

#### ANALYST CERTIFICATION BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL)

The research analyst(s) primarily responsible for the content of this research report, in part or in whole, certifies that the views about the companies and their securities expressed in this report accurately reflect his/her personal views. The analyst(s) also certifies that no part of his/her compensation was, is, or will be, directly or indirectly, related to specific recommendations or views expressed in the report. The research analyst (s) primarily responsible of the content of this research report, in part or in whole, certifies that he or his associate does not serve as an officer, director or employee of the issuer or the new listing applicant (which includes in the case of a real estate investment trust, an officer of the management company of the real estate investment trust; and in the case of any other entity, an officer or its equivalent counterparty of the entity who is responsible for the management of the issuer or the new listing applicant). The research analyst(s) primarily responsible for the content of this research report or his associate does not have financial interests in relation to an issuer or a new listing applicant that the analyst reviews. EGFSL has procedures in place to eliminate, avoid and manage any potential conflicts of interests that may arise in connection with the production of research reports. The research analyst(s) responsible for this report operates as part of a separate and independent team to the investment banking function of the EGFSL and procedures are in place to ensure that confidential information held by either the research or investment banking function is handled appropriately. There is no direct link of EGFSL compensation to any specific investment banking function of the EGFSL.

<sup>1</sup> An associate is defined as (i) the spouse, or any minor child (natural or adopted) or minor step-child, of the analyst; (ii) the trustee of a trust of which the analyst, his spouse, minor child (natural or adopted) or minor step-child, is a beneficiary or discretionary object; or (iii) another person accustomed or obliged to act in accordance with the directions or instructions of the analyst.

#### COMPANY-SPECIFIC / REGULATORY DISCLOSURES BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report-:

- EGFSL, its subsidiaries and/or other affiliates do not have a proprietary position in the securities recommended in this report as of January 25, 2023
- 2. EGFSL, and/or Research Analyst does not market make in equity securities of the issuer(s) or company(ies) mentioned in this Research Report Disclosure of previous investment recommendation produced:
- 3. EGFSL may have published other investment recommendations in respect of the same securities / instruments recommended in this research report during the preceding 12 months. Please contact the primary analyst listed in the first page of this report to view previous investment recommendations published by EGFSL in the preceding 12 months.
- 4. EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's does not have any material conflict of interest in the securities recommended in this report as of January 25, 2023.
- 5. EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's does not have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the January 25, 2023
- 6. EGFSL, its subsidiaries and/or other affiliates and Research Analyst have not received any compensation in whatever form including compensation for investment banking or merchant banking or brokerage services or for products or services other than investment banking or merchant banking or brokerage services from securities recommended in this report (subject company) in the past 12 months.
- 7. EGFSL, its subsidiaries and/or other affiliates and/or and Research Analyst have not received any compensation or other benefits from securities recommended in this report (subject company) or third party in connection with the research report.
- 8. Securities recommended in this report (Subject Company) has not been client of EGFSL, its subsidiaries and/or other affiliates and/or and Research Analyst during twelve months preceding the January 25, 2023

<sup>&</sup>lt;sup>2</sup> Financial interest is defined as interest that are commonly known financial interest, such as investment in the securities in respect of an issuer or a new listing applicant, or financial accommodation arrangement between the issuer or the new listing applicant and the firm or analysis. This term does not include commercial lending conducted at the arm's length, or investments in any collective investment scheme other than an issuer or new listing applicant notwithstanding the fact that the scheme has investments in securities in respect of an issuer or a new listing applicant.

## **RESTRICTIONS ON DISTRIBUTION**

KESTRICTIONS ON L	DISTRIBUTION
General	This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation.
Australia	This report is not for distribution into Australia.
Hong Kong	This report is not for distribution into Hong Kong.
Indonesia	This report is being distributed in Indonesia by PT DBS Vickers Sekuritas Indonesia.
Malaysia	This report is not for distribution into Malaysia.
Singapore	This report is distributed in Singapore by DBS Bank Ltd (Company Regn. No. 16800306E) or DBSVS (Company Regn. No. 1860024G) both of which are Exempt Financial Advisers as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. DBS Bank Ltd and/or DBSVS, may distribute reports produced by its respective foreign entities, affiliates or other foreign research houses pursuant to an agreement under Regulation 32C of the financial Advisers Regulations. Singapore recipients should contact DBS Bank Ltd at 6327 2288 for matters arising from, or in connection with the report.
Thailand	This report is being distributed in Thailand by DBS Vickers Securities (Thailand) Co Ltd.
United Kingdom	This report is disseminated in the United Kingdom by DBS Vickers Securities (UK) Ltd, ("DBSVUK"). DBSVUK is authorised and regulated by the Financial Conduct Authority in the United Kingdom.  In respect of the United Kingdom, this report is solely intended for the clients of DBSVUK, its respective connected and associated corporations and affiliates only and no part of this document may be (i) copied, photocopied or duplicated in any form or by any means or (ii) redistributed without the prior written consent of DBSVUK. This communication is directed at persons having professional experience in matters relating to investments. Any investment activity following from this communication will only be engaged in with such persons. Persons who do not have professional experience in matters relating to investments should not rely on this communication.
Dubai International Financial Centre	This research report is being distributed by DBS Bank Ltd., (DIFC Branch) having its office at units 608-610, 6 <sup>th</sup> Floor, Gate Precinct Building 5, PO Box 506538, Dubai International Financial Centre (DIFC), Dubai, United Arab Emirates. DBS Bank Ltd., (DIFC Branch) is regulated by The Dubai Financial Services Authority. This research report is intended only for professional clients (as defined in the DFSA rulebook) and no other person may act upon it.
United Arab Emirates	This report is provided by DBS Bank Ltd (Company Regn. No. 196800306E) which is an Exempt Financial Adviser as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. This report is for information purposes only and should not be relied upon or acted on by the recipient or considered as a solicitation or inducement to buy or sell any financial product. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situation, or needs of individual clients. You should contact your relationship manager or investment adviser if you need advice on the merits of buying, selling or holding a particular investment. You should note that the information in this report may be out of date and it is not represented or warranted to be accurate, timely or complete. This report or any portion thereof may not be reprinted, sold or redistributed without our written consent.
United States	DBSVUSA did not participate in its preparation. The research analyst(s) named on this report are not registered as research analysts with FINRA and are not associated persons of DBSVUSA. The research analyst(s) are not subject to FINRA Rule 2241 restrictions on analyst compensation, communications with a subject company, public appearances and trading securities held by a research analyst. This report is being distributed in the United States by DBSVUSA, which accepts responsibility for its contents. This report may only be distributed to Major U.S. Institutional Investors (as defined in SEC Rule 15a-6) and to such other institutional investors and qualified persons as DBSVUSA may authorize. Any U.S. person receiving this report who wishes to effect transactions in any securities referred to herein should contact DBSVUSA directly and not its affiliate.
Other jurisdictions	In any other jurisdictions, except if otherwise restricted by laws or regulations, this report is intended only for qualified, professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions.

## Emkay Global Financial Services Ltd.

CIN - L67120MH1995PLC084899

7th Floor, The Ruby, Senapati Bapat Marg, Dadar - West, Mumbai - 400028. India Tel: +91 22 66121212 Fax: +91 22 66121299 Web: www.emkayglobal.com