# ANANDRATHI

9 February 2023

### **Page Industries**

Margins hit, to improve ahead; upgrading to a Buy

Page's Q3 FY23 revenue/EBITDA were 4%/21% below our estimates. It attributed the low revenue growth to poor consumer sentiment and ARS implementation, which hurt its primary sales. The EBITDA margin was hit by lower absorption of factory overheads, normalised media spends and high-cost stocks. Ahead, demand per management is still affected. Margins should improve now as its high-cost stocks are almost exhausted. In the past it maintained margins of 20-21% and will now control costs to ensure this continues. To bake in the slower demand, we reduce our sales 2-3%. Our FY23e/FY24e/FY25e FY23e-FY25e EPS are  $\sim 15\%/14\%/12\%$  lower as we expect a slightly lower EBITDA margin. Key monitorables are growth and margins. Core-innerwear growth pace being maintained is a key positive. On the steep stock-price drop, we upgrade our rating to a Buy, with a TP of Rs45,938 (55x FY25e EPS of Rs835).

Hit by ARS implementation, low absorption cost. Q3 revenue grew  $\sim 3\%$  y/y to Rs12.2bn due to realisation growth as volumes fell  $\sim 11\%$  y/y to 52.8m pieces. Secondary sales were more than primary sales, which were hurt by the ARS implementation. The gross margin, incl. other manufacturing expenses, was 37.5% (39.4% a year ago) due to lower absorption of labour & factory overheads and high-cost stocks. EBITDA fell  $\sim 23\%$  y/y to Rs1.9bn due to the lower gross margin and normalised ad-spends. The EBITDA margin slid  $\sim 530$  bps y/y to 15.8%. Q4 demand is still challenging, per management, ARS implementation will have some impact. Margins are expected to benefit from lower-cost stocks. Men's innerwear grew in double digits and Bra's did well while athleisure faced sluggish demand.

**Investment in inventory, network continues.** Cash reserves were lower at Rs408m (Rs833m the quarter prior) because of higher inventory at Rs14.9bn (Rs13.6bn the quarter prior). Management said, ahead, inventory would shrink. It will continue to invest in marketing initiatives and network expansion. At end-9M FY23, it was seen in 118,838 MBOs, 1,228 EBOs and 2,967 LFS.

**Valuation.** We upgrade our rating to a Buy, with a TP of Rs45,938 (earlier Rs53,019) 55x FY25e EPS (earlier 56x FY25e P/E). **Risks:** Continuing slowdown, mounting competition, rising raw-material prices.

Key financials (YE Mar)	FY21	FY22	FY23e	FY24e	FY25e			
Sales (Rs m)	28,330	38,865	49,828	58,658	68,418			
Net profit (Rs m)	3,406	5,365	6,476	7,692	9,316			
EPS (Rs)	305.4	481.0	580.7	689.6	835.2			
P/E (x)	124.8	79.2	65.6	55.3	45.6			
EV / EBITDA (x)	79.9	53.8	43.6	36.3	29.9			
P/BV (x)	48.0	39.1	33.6	28.4	22.5			
RoE (%)	40.0	54.4	55.0	55.6	54.9			
RoCE (%)	40.0	55.2	56.9	57.4	56.5			
Dividend yield (%)	0.7	1.0	0.9	1.0	1.0			
Net debt / equity (x)	-0.5	-0.3	-0.2	-0.2	-0.3			
Source: Company Apand Pathi Posoarch	Noto: Includes IND AS 116 changes							

Source: Company, Anand Rathi Research Note: Includes IND AS 116 changes

Anand Rathi Research

Anand Rathi Share and Stock Brokers Limited (hereinafter "ARSSBL") is a full-service brokerage and equities-research firm and the views expressed therein are solely of ARSSBL and not of the companies which have been covered in the Research Report. This report is intended for the sole use of the Recipient. Disclosures and analyst certifications are present in the Appendix.

Rating: **Buy** Target Price: Rs.45,938 Share Price: Rs.38.120

**India I Equities** 

Key data	PAG IN / PAGE.BO
52-week high / low	Rs54349 / 37651
Sensex / Nifty	60806 / 17893
3-m average volume	\$11.2m
Market cap	Rs423bn / \$5131.1m
Shares outstanding	11m

Shareholding pattern (%)	Dec'22	Sept'22	Jun'22
Promoters	46.1	46.1	46.1
- of which, Pledged	-	-	-
Free float	53.9	53.9	53.9
- Foreign institutions	24.7	25.3	25.2
- Domestic institutions	19.6	19.5	18.2
- Public	9.6	9.1	10.5

Estimates revision (%)	FY23e	FY24e	FY25e
Revenue	(2.0)	(2.9)	(2.9)
EBITDA	(10.5)	(11.1)	(9.0)
EPS	(15.5)	(13.6)	(11.8)



Vaishnavi Mandhaniya Research Analyst Shreya Baheti Research Associate

### India Equities

Retail

**Company Update** 

Change in Estimates ☑ Target ☑ Reco ☑

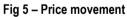
### **Quick Glance – Financials and Valuations**

Fig 1 – Income stater	ment (Rs m)
-----------------------	-------------

Year-end: Mar	FY21	FY22	FY23e	FY24e	FY25e
Net revenues	28,330	38,865	49,828	58,658	68,418
Growth (%)	-3.8	37.2	28.2	17.7	16.6
Direct costs	12,639	17,090	22,423	26,279	30,241
SG&A	10,424	13,920	17,721	20,769	24,164
EBITDA	5,266	7,855	9,684	11,610	14,013
EBITDA margins (%)	18.6	20.2	19.4	19.8	20.5
Depreciation	629	655	801	1,006	1,210
Other income	195	210	100	117	137
Interest expenses	297	322	399	442	490
PBT	4,534	7,088	8,583	10,279	12,450
Effective tax rate (%)	24.9	24.3	24.5	25.2	25.2
+ Associates / (Minorities)	-	-	-	-	-
Net income	3,406	5,365	6,476	7,692	9,316
Adjusted income	3,406	5,365	6,476	7,692	9,316
WANS	11.2	11.2	11.2	11.2	11.2
FDEPS (Rs / sh)	305.4	481.0	580.7	689.6	835.2
FDEPS growth (%)	-0.8	57.5	20.7	18.8	21.1
Gross margins (%)	55.4	56.0	55.0	55.2	55.8
Note: Includes IND AS 116 chan	ges				

### Fig 3 – Cash-flow statement (Rs m)

ing 5 – Cash-now statement (KS in)											
Year-end: Mar	FY21	FY22	FY23e	FY24e	FY25e						
PBT (adj. for int. exp / other inc.)	4,726	7,280	8,983	10,722	12,940						
+ Non-cash items	742	650	801	1,006	1,210						
Oper. prof. before WC	5,468	7,930	9,784	11,727	14,150						
- Incr. / (decr.) in WC	-2,751	2,910	-409	-83	100						
Others incl. taxes	1,259	1,750	2,107	2,587	3,134						
Operating cash-flow	6,959	3,270	8,086	9,223	10,916						
- Capex (tang. + intang.)	135	980	2,528	2,521	2,513						
Free cash-flow	6,824	2,291	5,558	6,702	8,403						
Acquisitions											
- Div. (incl. buyback & taxes)	2,787	3,347	4,699	5,370	5,370						
+ Equity raised	-	-	-	-	-						
+ Debt raised	-321	-	-	-	-						
- Fin investments	3,950	6,859	-	-	-						
- Misc. (CFI + CFF)	476	-8,410	693	736	783						
Net cash-flow	-711	494	167	597	2,249						
Source: Company, Anand Rathi Resear	ch Note:	Includes IN	ID AS 116	changes							



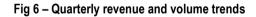


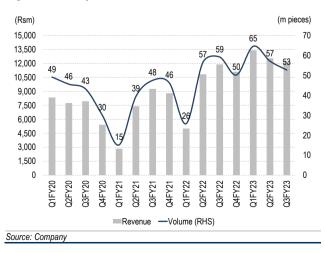
(Rs m)				
FY21	FY22	FY23e	FY24e	FY25e
112	112	112	112	112
8,849	10,886	12,664	14,986	18,932
0	-	-	-	-
-	-	-	-	-
1,270	1,099	1,099	1,099	1,099
10,119	11,985	13,763	16,085	20,031
3,840	4,004	5,997	7,785	9,369
23	20	48	68	81
-	-	-	-	-
279	653	653	653	653
-	-	-	-	-
-	-	-	-	-
8,507	13,558	15,600	17,561	19,921
4,350	2,835	3,001	3,598	5,847
6,879	9,084	11,535	13,579	15,839
1,628	4,474	4,065	3,981	4,082
10,119	11,985	13,763	16,085	20,031
	FY21 112 8,849 0 1,270 10,119 3,840 23 - 279 - 279 - 8,507 4,350 6,879 1,628	FY21 FY22   112 112   8,849 10,886   0 -   1,270 1,099   10,119 11,985   3,840 4,004   23 20   - -   279 653   - -   8,507 13,558   4,350 2,835   6,879 9,084   1,628 4,474	FY21 FY22 FY23e   112 112 112   8,849 10,886 12,664   0 - -   - - -   1,270 1,099 1,099   10,119 11,985 13,763   3,840 4,004 5,997   23 20 48   - - -   279 653 653   - - -   279 653 653   - - -   8,507 13,558 15,600   4,350 2,835 3,001   6,879 9,084 11,535   1,628 4,474 4,065	FY21 FY22 FY23e FY24e   112 112 112 112   8,849 10,886 12,664 14,986   0 - - -   - - - -   1,270 1,099 1,099 1,099   10,119 11,985 13,763 16,085   3,840 4,004 5,997 7,785   23 20 48 68   - - - -   279 653 653 653   279 653 15,600 17,561   4,350 2,835 3,001 3,598   6,879 9,084 11,535 13,579   1,628 4,474 4,065 3,981

Note: Includes IND AS 116 changes \* includes lease liabilities, \*\* includes RoU

### Fig 4 – Ratio analysis

Year-end: Mar	FY21	FY22	FY23e	FY24e	FY25e
P/E (x)	124.8	79.2	65.6	55.3	45.6
EV / EBITDA (x)	79.9	53.8	43.6	36.3	29.9
EV / Sales (x)	14.9	10.9	8.5	7.2	6.1
P/B (x)	48.0	39.1	33.6	28.4	22.5
RoE (%)	40.0	54.4	55.0	55.6	54.9
RoCE (%) - after tax	40.0	55.2	56.9	57.4	56.5
ROIC (%) - after tax	26.2	35.3	33.1	32.8	34.2
DPS (Rs / sh)	250.0	370.0	350.0	400.0	400.0
Dividend yield (%)	0.7	1.0	0.9	1.0	1.0
Dividend payout (%) - incl. DDT	81.9	62.4	72.6	69.8	57.6
Net debt / equity (x)	-0.5	-0.3	-0.2	-0.2	-0.3
Receivables (days)	18	16	14	14	14
Inventory (days)	71	92	80	75	72
Payables (days)	28	34	34	34	34
CFO:PAT %	204.3	61.0	124.9	119.9	117.2
Source: Company, Anand Rathi Resea	rch Note: I	ncludes IN	D AS 116 d	changes	



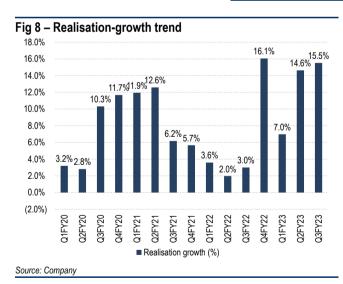


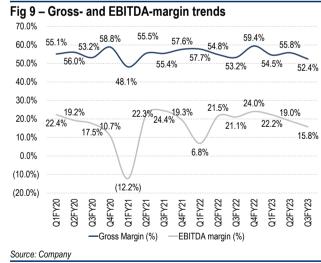
### Q3 FY23 Result Highlights

Page reported ~3% y/y revenue growth to Rs12.2bn (down ~3% q/q). The gross margin (only COGS) contracted ~90bps y/y, ~340bps q/q, to 52.4%. Employee/other expenses were up ~13%/21% y/y. EBITDA was down ~23% y/y to Rs1.9bn. The EBITDA margin contracted ~530bps y/y, ~320bps q/q, to 15.8%. Interest/depreciation expense were up ~29%/20% y/y while other income was down ~77% y/y to Rs16m. PBT declined ~30% y/y to Rs1.6bn. The tax rate was 24.8% (25.2% a year ago). PAT was down ~29% y/y, ~24% q/q, to Rs1.2bn.

For 9M FY23, revenue grew  $\sim 38\%$  y/y to Rs38.2bn. The gross margin contracted  $\sim 40$ bps y/y to 54.2%. EBITDA grew  $\sim 41\%$  y/y to Rs7.3bn and the EBITDA margin expanded  $\sim 40$ bps y/y to 19.1%. PAT grew  $\sim 43\%$  y/y to Rs4.9bn.

Fig 7 – Financials								
(Rs m)	Q3 FY23	Q3 FY22	% Y/Y	Q2 FY23	% Q/Q	9M FY23	9M FY22	% Y/Y
Sales	12,233	11,898	2.8	12,550	-2.5	38,195	27,754	37.6
Gross margins (%)	52.4	53.2	-86bps	55.8	-339bps	54.2	54.7	-42bps
EBITDA	1,928	2,507	-23.1	2,379	-19.0	7,284	5,184	40.5
EBITDA margins (%)	15.8	21.1	-532bps	19.0	-319bps	19.1	18.7	39bps
Interest	100	77	28.8	92	8.7	277	225	22.8
Depreciation	200	167	19.5	188	6.1	568	491	15.6
Other income	16	71	-77.0	27	-38.6	76	161	-52.6
PBT	1,645	2,334	-29.5	2,125	-22.6	6,516	4,628	40.8
Tax	407	589	-30.8	504	-19.2	1,587	1,168	35.9
Tax rates (%)	24.8	25.2	-45bps	23.7	105bps	24.4	25.2	-88bps
PAT	1,237	1,746	-29.1	1,621	-23.7	4,929	3,460	42.5
EPS (Rs)	110.94	156.52	-29.1	145.35	-23.7	441.91	310.22	42.4
Source: Company								





### **Other highlights**

- Margin. The margin this quarter was bruised by the lower absorption of factory overheads, normalised media spends and high-cost stocks. Management expects margins to improve from next quarter as high-cost stocks have almost been exhausted. Stock bought at lower prices should flow in from Q4 and the benefits should then start. Ad-spends were higher in Q3 FY23 and management plans to return them to ~4% of sales, in line with its pre-Covid range.
- ARS implementation. Management is continuing the ARS implementation (halted due to Covid-19) across all product verticals to optimise inventory. This would improve the RoI of channel partners and order fulfilment for retailers. 9M FY23 sales are in line with retail expansion but primary sales were impacted in the quarter due to the ARS implementation. However, secondary sales were not hurt to the same extent. 7m pieces of excess stock were cleaned from the system, which affected primary sales in the short term. The ARS process rollout was paused during Covid due to shortages and supply-chain issues, which led to channel-partner imbalances.
- Product wise growth. Men's innerwear saw double-digit growth despite weak consumer sentiment in the quarter. The bra category also did well despite having a higher ASP. Athleisure saw a slowdown in Q3 FY23 but decent growth in 9M FY23. Management expects huge headroom for growth in the women's, kids and athleisure segment. It is looking at accelerated growth in the outerwear and bra categories in FY24.
- Raw material price hike. The company hiked prices 8% in Dec'21 to factor in high raw-material prices. It did not raise prices in Q3 FY23 and has no plans of immediate price intervention. A further drop in raw material prices might lead to management raising prices a little than its normal 3-5% every year.
- Inventory. The company ended Q3 FY23 with the highest level of inventory at Rs14.9bn (Rs13.6bn the prior quarter). The inventory period doubled to 3.5 months from last year. Management struggled to meet demand in Q3 FY22 as sales were high due to expected GST rate-hike in Jan'22. Q3 FY23 was hit by stock purchased at high raw-material prices, which would be exhausted in Q4. Per management, stocks would go down q/q to past levels of ~2.5 months.
- Cash reserves. The company's nine-month opex is in line with its past 23% average. Cash and equivalents were lower at Rs408m (Rs833m the prior quarter) due to higher inventory. Net working capital was Rs8bn (Rs7.9bn the prior quarter).

## Change in estimates

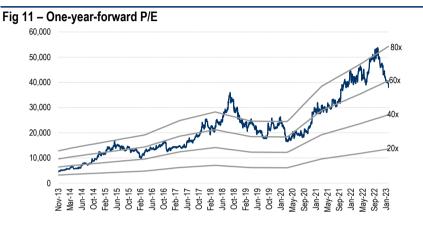
To bake in slower demand, we reduce our FY23e-FY25e sales 2%-3%. Our FY23e/FY24e/FY25e EPS are  $\sim 15\%/14\%/12\%$  lower as we expect a slightly lower EBITDA margin. We expect the company to report 19.4%/ 19.8%/20.5% EBITDA margins in FY23/FY24/FY25.

Fig 10 – Change in estimates										
(Rs m)		Old			Revised			Change (%)		
	FY23e	FY24e	FY25e	FY23e	FY24e	FY25e	FY23	FY24	FY25	
Revenue	50,835	60,397	70,447	49,828	58,658	68,418	(2.0)	(2.9)	(2.9)	
EBITDA	10,824	13,054	15,399	9,684	11,610	14,013	(10.5)	(11.1)	(9.0)	
PAT	7,660	8,905	10,560	6,476	7,692	9,316	(15.5)	(13.6)	(11.8)	
EPS (Rs)	686.8	798.4	946.8	580.7	689.6	835.2	(15.5)	(13.6)	(11.8)	
Source: Anand Rat	hi Research									

### Valuation

We upgrade our rating to a Buy, with a revised target price of Rs45,938 (earlier Rs53,019) based on 55x FY25e EPS of Rs835 (earlier 56x FY25e P/E).

At 55x FY25e EPS, our target multiple is above the consumer-products universe on account of the company's brighter growth prospects, better cash-flows and working-capital management.



Source: Bloomberg, Anand Rathi Research

Fig 12 – Valuation param	FY21 FY22 FY23e FY24e								
	FIZI	F122	FTZSE	F1240	FY25e				
P/E (x)	124.8	79.2	65.6	55.3	45.6				
EV / EBITDA (x)	79.9	53.8	43.6	36.3	29.9				
EV / Sales (x)	14.9	10.9	8.5	7.2	6.1				
RoE (%)	40.0	54.4	55.0	55.6	54.9				
RoCE (%)	40.0	55.2	56.9	57.4	56.5				
Source: Anand Rathi Research									

### Key risks

**Continuing slowdown.** The protracted economic slowdown led to consumer hesitancy regarding discretionary spending. That could result in sluggish demand.

**Mounting competition.** Keener competition from international and domestic brands could affect the company's performance. It could lose market share because of heightened competition from the formal and informal markets.

**Rise in raw-material prices.** The business could be hurt by adverse raw-material price movements.

### Appendix

#### Analyst Certification

The views expressed in this Research Report accurately reflect the personal views of the analyst(s) about the subject securities or issuers and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations or views expressed by the research analyst(s) in this report. The research analysts are bound by stringent internal regulations and also legal and statutory requirements of the Securities and Exchange Board of India (hereinafter "SEBI") and the analysts' compensation are completely delinked from all the other companies and/or entities of Anand Rathi, and have no bearing whatsoever on any recommendation that they have given in the Research Report.

#### Important Disclosures on subject companies Rating and Target Price History (as of 9 February 2023)



### Anand Rathi Ratings Definitions

Analysts' ratings and the corresponding expected returns take into account our definitions of Large Caps (>US\$1bn) and Mid/Small Caps (<US\$1bn) as described in the Ratings Table below:

Ratings Guide (12 months)			
	Buy	Hold	Sell
Large Caps (>US\$1bn)	>15%	5-15%	<5%
Mid/Small Caps ( <us\$1bn)< th=""><th>&gt;25%</th><th>5-25%</th><th>&lt;5%</th></us\$1bn)<>	>25%	5-25%	<5%

### Research Disclaimer and Disclosure inter-alia as required under Securities and Exchange Board of India (Research Analysts) Regulations, 2014

Anand Rathi Share and Stock Brokers Ltd. (hereinafter refer as ARSSBL) (Research Entity, SEBI Regn No. INH000000834, Date of Regn. 29/06/2015) is a subsidiary of the Anand Rathi Financial Services Ltd. ARSSBL is a corporate trading and clearing member of Bombay Stock Exchange Ltd, National Stock Exchange of India Ltd. (NSEIL), Multi Stock Exchange of India Ltd (MCX-SX), and also depository participant with National Securities Depository Ltd (NSDL) and Central Depository Services Ltd. ARSSBL is engaged into the business of Stock Broking, Depository Participant, Mutual Fund distributor.

The research analysts, strategists, or research associates principally responsible for the preparation of Anand Rathi research have received compensation based upon various factors, including quality of research, investor client feedback, stock picking, competitive factors and firm revenues.

General Disclaimer: This Research Report (hereinafter called "Report") is meant solely for use by the recipient and is not for circulation. This Report does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. The recommendations, if any, made herein are expression of views and/or opinions and should not be deemed or construed to be neither advice for the purpose of purchase or sale of any security, derivatives or any other security through ARSSBL nor any solicitation or offering of any investment /trading opportunity on behalf of the issuer(s) of the respective security (ies) referred to herein. These information / opinions / views are not meant to serve as a professional investment guide for the readers. No action is solicited based upon the information provided herein. Recipients of this Report should rely on information/data arising out of their own investigations. Readers are advised to seek independent professional advice and arrive at an informed trading/investment decision before executing any trades or making any investments. This Report has been prepared on the basis of publicly available information, internally developed data and other sources believed by ARSSBL to be reliable. ARSSBL or its directors, employees, affiliates or representatives do not assume any responsibility for, or warrant the accuracy, completeness, adequacy and reliability of such information / opinions / views. While due care has been taken to ensure that the disclosures and opinions given are fair and reasonable, none of the directors, employees, affiliates or representatives of ARSSBL shall be liable for any direct, indirect, special, incidental, consequential, punitive or exemplary damages, including lost profits arising in any way whatsoever from the information / opinions / views contained in this Report. The price and value of the investments referred to in this Report and the income from them may go down as well as up, and

Opinions expressed are our current opinions as of the date appearing on this Research only. We do not undertake to advise you as to any change of our views expressed in this Report. Research Report may differ between ARSSBL's RAs and/ or ARSSBL's associate companies on account of differences in research methodology, personal judgment and difference in time horizons for which recommendations are made. User should keep this risk in mind and not hold ARSSBL, its employees and associates responsible for any losses, damages of any type whatsoever.

ARSSBL and its associates or employees may; (a) from time to time, have long or short positions in, and buy or sell the investments in/ security of company (ies) mentioned herein or (b) be engaged in any other transaction involving such investments/ securities of company (ies) discussed herein or act as advisor or lender / borrower to such company (ies) these and other activities of ARSSBL and its associates or employees may not be construed as potential conflict of interest with respect to any recommendation and related information and opinions. Without limiting any of the foregoing, in no event shall ARSSBL and its associates or employees or any third party involved in, or related to computing or compiling the information have any liability for any damages of any kind.

Details of Associates of ARSSBL and Brief History of Disciplinary action by regulatory authorities & its associates are available on our website i.e. www.rathionline.com

Disclaimers in respect of jurisdiction: 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 ARSSBL to any registration or licensing requirement within such jurisdiction(s). No action has been or will be taken by ARSSBL in any jurisdiction (other than India), where any action for such purpose(s) is required. Accordingly, this Report shall not be possessed, circulated and/or distributed in any such country or jurisdiction unless such action is in compliance with all applicable laws and regulations of such country or jurisdiction. ARSSBL requires such recipient to inform himself about and to observe any restrictions at his own expense, without any liability to ARSSBL. Any dispute arising out of this Report shall be subject to the exclusive jurisdiction of the Courts in India.

### Statements on ownership and material conflicts of interest, compensation - ARSSBL and Associates

#### Answers to the Best of the knowledge and belief of ARSSBL/ its Associates/ Research Analyst who is preparing this report

Research analyst or research entity or his associate or his relative has any financial interest in the subject company and the nature of such financial interest.	No	
ARSSBL/its Associates/ Research Analyst/ his Relative have actual/beneficial ownership of one per cent or more securities of the subject company, at the end of the month immediately preceding the date of publication of the research report?	No	
ARSSBL/its Associates/ Research Analyst/ his Relative have actual/beneficial ownership of one per cent or more securities of the subject company	No	
ARSSBL/its Associates/ Research Analyst/ his Relative have any other material conflict of interest at the time of publication of the research report?	No	
ARSSBL/its Associates/ Research Analyst/ his Relative have received any compensation from the subject company in the past twelve months	No	
ARSSBL/its Associates/ Research Analyst/ his Relative have managed or co-managed public offering of securities for the subject company in the past twelve months	No	
ARSSBL/its Associates/ Research Analyst/ his Relative have received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months	No	
ARSSBL/its Associates/ Research Analyst/ his Relative have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past twelve months	No	
ARSSBL/its Associates/ Research Analyst/ his Relative have received any compensation or other benefits from the subject company or third party in connection with the research report	No	
ARSSBL/its Associates/ Research Analyst/ his Relative have served as an officer, director or employee of the subject company.	No	
ARSSBL/its Associates/ Research Analyst/ his Relative has been engaged in market making activity for the subject company.	No	

#### Other Disclosures pertaining to distribution of research in the United States of America

This research report is a product of ARSSBL, 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 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 by ARSSBL only 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 Rule 15a 6(a)(2). If the recipient of 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, ARSSBL has entered into an agreement with a U.S. registered broker-dealer Marco Polo Securities Inc. Transactions in securities discussed in this research report should be effected through Marco Polo Securities Inc.

1. ARSSBL or its Affiliates may or may not have been beneficial owners of the securities mentioned in this report.

2. ARSSBL or its affiliates may have or not managed or co-managed a public offering of the securities mentioned in the report in the past 12 months.

3. ARSSBL or its affiliates may have or not received compensation for investment banking services from the issuer of these securities in the past 12 months and do not expect to receive compensation for investment banking services from the issuer of these securities within the next three months.

4. However, one or more of ARSSBL or its Affiliates may, from time to time, have a long or short position in any of the securities mentioned herein and may buy or sell those securities or options thereon, either on their own account or on behalf of their clients.

5. As of the publication of this report, ARSSBL does not make a market in the subject securities.

6. ARSSBL or its Affiliates may or may not, to the extent permitted by law, act upon or use the above material or the conclusions stated above, or the research or analysis on which they are based before the material is published to recipients and from time to time, provide investment banking, investment management or other services for or solicit to seek to obtain investment banking, or other securities business from, any entity referred to in this report.

© 2023. This report is strictly confidential and is being furnished to you solely for your information. All material presented in this report, unless specifically indicated otherwise, is under copyright to ARSSBL. None of the material, its content, or any copy of such material or content, may be altered in any way, transmitted, copied or reproduced (in whole or in part) or redistributed in any form to any other party, without the prior express written permission of ARSSBL. All trademarks, service marks and logos used in this report are trademarks or service marks or registered trademarks or service marks of ARSSBL or its affiliates, unless specifically mentioned otherwise.

Additional information on recommended securities/instruments is available on request.

ARSSBL registered address: Express Zone, A Wing, 9th Floor, Western Express Highway, Diagonally Opposite Oberoi Mall, Malad (E), Mumbai – 400097. Tel No: +91 22 6281 7000 | Fax No: +91 22 4001 3770 | CIN: U67120MH1991PLC064106.