

Bosch

Estimate change TP change Rating change

Bloomberg	BOS IN
Equity Shares (m)	29
M.Cap.(INRb)/(USDb)	395 / 5.1
52-Week Range (INR)	19245 / 12940
1, 6, 12 Rel. Per (%)	1/-13/-15
12M Avg Val (INR M)	755

Financials & Valuations (INR b)

INR b	FY22	FY23E	FY24E
Sales	117.8	137.9	153.5
EBITDA	14.6	18.8	22.8
Adj. PAT	12.2	14.4	17.1
EPS (INR)	412.8	486.8	581.0
EPS Gr. (%)	23.1	17.9	19.3
BV/Sh. (INR)	3,624	3,981	4,412
Ratios			
RoE (%)	11.9	12.8	13.8
RoCE (%)	14.9	17.1	18.5
Payout (%)	50.9	26.7	25.8
Valuations			
P/E (x)	32.4	27.5	23.1
P/BV (x)	3.7	3.4	3.0
Div. Yield (%)	1.6	1.0	1.1
FCF Yield (%)	-0.5	3.0	1.8

Shareholding pattern (%)

As On	Mar-22	Dec-21	Mar-21
Promoter	70.5	70.5	70.5
DII	16.4	16.1	16.2
FII	3.5	4.0	4.3
Others	9.6	9.3	8.9

FII Includes depository receipts

CMP:INR13,392 TP: INR14,500 (+8%) Neutral

In line operating performance with non-Autos outperforming

Targets exports at 12-15% of revenue | Expects 15% growth in FY23

- Revenue growth continued to outperform underlying industry volume trends, with revenue and EBITDA in line. We expect this outperformance to continue, led by a CV cycle revival, higher content, and increase in exports. However, a recovery in margin is still awaited. Since the CMP reflects all negatives, we see no major re-rating catalysts on the anvil.
- We maintain our FY23E/FY24E EPS estimate and our Neutral rating.

Strong growth in non-Auto revenue diluted by a muted Auto business

- Revenue grew 3% YoY to INR33.1b, EBITDA declined by 5.5% to INR4.35b, and adjusted PAT was flat YoY at INR3.5b in 4QFY22. Revenue/EBITDA/adjusted PAT grew 21%/45%/23% YoY in FY22.
- Auto revenue declined by 2% YoY as against a 3% production decline in the underlying Auto industry (excluding 2Ws), which was partly offset by 13% growth in the Aftermarket. Non-Auto revenue grew 39.5% YoY, led by a 41% growth in the Building Technologies business and a 28% growth in Consumer Goods.
- Gross margin contracted by 320bp YoY to ~35.4% (est. 39.6%) due to a weaker mix (decline in Tractors), forex impact, and transfer pricing adjustments. EBITDA declined by 5.5% YoY to INR4.35b (est. INR4.4b). EBITDA margin contracted by ~110bp YoY to 13.2% (in line).
- Lower tax boosted adjusted PAT to ~INR3.5b (est. INR3.2b, up 13% YoY).
- The board has announced a normal divided of ~INR110/share (v/s INR115/share in FY21) and ~INR100/share of special dividend for commemorating the centenary year of BOS.
- FCFF stood at a negative INR1.9b (v/s a positive INR6.4b in FY21) on a weak CFO, which stood at INR2.7b (v/s INR8.3b) on account of INR15.6b flip in working capital.

Highlights from the management commentary

- Outlook: BOS has guided at a minimum 15% revenue growth in FY23, with healthy EBIT. It will incur INR5.5-6b on capex in FY23.
- It is investing in hydrogen-based technologies, both for mobility and stationary applications. It is in discussion with customers on introducing advanced hydrogen-based powertrain and fuel-cell technologies in India.
- Localization: The management has presented a systematic and clear roadmap for localization. There is a clear plan for what not to localize. For instance, it will continue to outsource EGT for BS-VI vehicles.
- PLI incentives: Three BOS companies (BOS, Bosch Automotive Electronics, and Bosch Chassis Systems) have received PLI incentives. BOS will see some revenue inflow from the other two companies. However, it sees the 50% value addition requirement in electronic components as a big challenge and is in discussion with the government with regard to the same.
- It expects exports to constitute 12-15% of revenue in the medium term (v/s 9%/10% of sales in FY22/FY21). Apart from exports to the parent, it has ambitious plans for exports to SAARC countries.

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Valuation and view

 Valuations (~27.5x/23.1x FY23E/FY24E EPS) largely factor in changes in its competitive positioning since its shift to BS-IV emission norms. As the negatives are priced in, there are no material catalysts visible for a re-rating of the stock.

We are lowering our target multiple to 25x (from 27x earlier) to factor in: a) relatively weaker position in CNG CVs, b) increasing competition in electrical components, and c) increase in the risk-free rate. We maintain our Neutral rating with a TP of INR14,500 per share (~25x Mar'24E EPS).

Y/E March	FY21				FY22				FY22	FY22E	
,	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	FY21		4QE
Net Sales	9.9	24.8	30.3	32.2	24.4	29.2	31.1	33.1	97.2	117.8	33.5
YoY Change (%)	-64.0	7.2	19.4	43.8	146.4	17.7	2.6	2.9	-1.3	21.2	4.1
RM Cost (as a percentage of sales)	57.7	59.4	57.9	61.4	58.9	62.8	60.8	64.6	59.4	61.9	60.4
Staff Cost (as a percentage of sales)	24.5	12.4	8.1	9.1	11.1	8.7	9.4	7.7	11.2	9.1	8.2
Other Expenses (as a percentage of sales)	28.1	16.6	22.2	15.2	17.5	16.3	18.3	14.5	19.1	16.6	18.3
EBITDA	-1.0	2.9	3.6	4.6	3.1	3.6	3.6	4.4	10.0	14.6	4.4
Margin (%)	-10.3	11.6	11.8	14.3	12.5	12.3	11.5	13.2	10.3	12.4	13.2
Depreciation	0.7	0.8	1.0	0.9	0.7	0.8	0.9	0.9	3.4	3.2	1.0
Interest	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.3	0.0
Other Income	1.7	1.0	1.1	1.2	1.0	1.2	0.8	0.9	5.0	4.0	1.1
PBT before EO expense	0.0	3.1	3.7	4.8	3.4	4.0	3.4	4.3	11.5	15.0	4.5
Extra-Ord. expense	1.7	4.0	1.5	-1.6	0.0	0.0	0.0	0.0	5.6	0.0	0.0
PBT after EO Expense	-1.7	-0.9	2.2	6.4	3.4	4.0	3.4	4.3	6.0	15.0	4.5
Tax Rate (%)	46.9	29.1	15.2	24.7	22.5	6.4	30.0	18.7	14.2	18.9	28.2
Adj. PAT	0.5	2.8	3.1	3.5	2.6	3.7	2.3	3.5	9.9	12.2	3.2
YoY Change (%)	-84.6	-11.1	10.6	13.1	390.4	33.5	-24.6	1.4	-20.6	23.1	-6.9

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Kevi	perfor	mance	indicators

Segmental mix (INR b)	FY21				FY22				FY22	
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q		
Auto	8.1	21.3	26.7	27.7	21.5	24.4	27.4	27.1	83.8	100.4
Growth (%)	(65.6)	8.9	24.7	47.3	164.4	14.5	2.6	(2.0)	0.5	19.8
PBIT margin (%)	(38.0)	(6.8)	5.4	18.6	12.7	11.8	14.1	11.8	2.5	12.6
Contribution (%)	82.0	85.9	88.2	86.0	87.9	83.5	88.1	81.9	86.2	85.2
Non-Auto	1.8	3.5	3.6	4.5	3.0	5.0	3.9	6.3	13.5	18.1
Growth (%)	(53.9)	(3.0)	(10.6)	25.1	60.5	41.0	7.0	39.5	(11.7)	34.0
PBIT margin (%)	2.5	9.4	20.0	24.6	14.1	16.8	(1.0)	13.0	16.4	11.2
Contribution (%)	18.6	14.3	12.0	14.0	12.1	17.1	12.6	19.0	13.9	15.4
a) Consumer Goods	0.9	2.6	2.4	3.6	2.1	3.5	2.2	4.8	9.5	12.7
Growth (%)	-	-	-	-	122.6	38.4	(8.9)	32.2	-	33.2
PBIT margin (%)	(5.7)	6.8	14.2	17.5	(1.7)	13.1	(12.5)	11.0	11.6	5.4
b) Others	0.9	1.0	1.2	0.9	0.9	1.4	1.7	1.5	4.0	5.5
Growth (%)	-	-	-	-	(4.1)	47.7	38.7	70.0	-	35.9
PBIT margin (%)	11.1	16.4	31.4	54.4	52.2	25.8	14.0	19.5	27.7	24.7
Total Revenue (post inter-segment)	9.9	24.8	30.3	32.2	24.4	29.2	31.1	33.1	97.2	117.8
Growth (%)	(64.0)	7.2	19.4	43.8	146.4	17.7	2.6	2.9	(1.3)	21.2

E: MOFSL estimates

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Exhibit 1: Trend in revenue

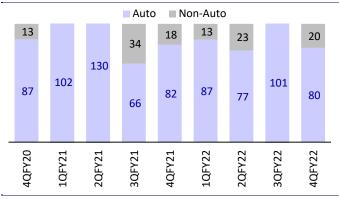


Source: Company, MOFSL

Exhibit 2: EBITDA and EBITDA margin trend

EBITDA (INR b) — EBITDA Margins (%) 18.8 17.6 12.3 5.2 3.2 2.9 3.6 4.6 3.1 3.6 4QFY20 1QFY21 2QFY21 3QFY20 3QFY21 2QFY20

Exhibit 3: Share of Auto and non-Auto in PBIT



Source: Company, MOFSL Source: Company, MOFSL

Valuation and view

Strong industry positioning; technology focus enables higher growth visibility

- BOS has a long-term strategy to shape the market in key technologies, with innovative products and solutions. Its stance of being a technology agnostic partner with customers, governments, and stakeholders continues.
- Since CY17, BOS has executed 79 BS-VI projects in PVs/CVs with major OEMs. Amid the COVID-19 crisis, it plans to continue with critical investments in competence development and solutions designed and developed for India.
- In the non-Auto businesses, it has adopted a two-pronged approach. It continues to introduce 'fit for the market' products and solutions and plans to increase its 'go to the market' footprint, using both offline and digital platforms.
- The electrification of 2Ws/3Ws opens up new growth avenues as BOS will be relatively better positioned in these segments for EVs. It plans to invest INR20b over five years for the localization of advanced Automotive technologies (INR10b) and expansion into digital platforms (~INR10b in the mobility marketplace, mobility Cloud platform, etc.). Our estimates do not factor in any material contribution from e-2W/3Ws as the competitive landscape is yet to stabilize.
- With the return of operating leverage in FY24E, EBITDA margin will recover to ~15%, after falling to ~10.3%/12.4% in FY21/FY22 (15.1% in FY20). This would result in 19% EPS CAGR over FY22-24E (on the back of 14% revenue CAGR. We estimate RoE to improve to ~13.8% (from 10.4%/13.5% in FY21/FY20) and RoIC to touch ~23% by FY24E (from 12.5%/19.1% in FY21/FY20).

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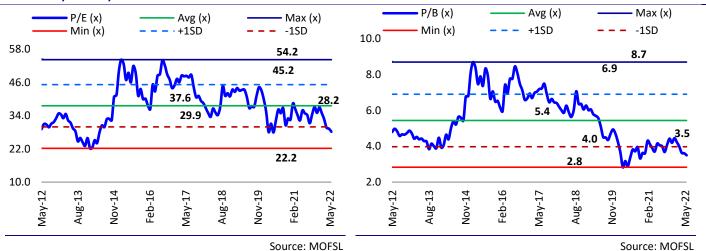
■ We maintain our FY23E/FY24E EPS. We are lowering our target multiple to 25x (from 27x earlier) to factor in for a) relatively weaker position in CNG CVs, b) increasing competition in electrical components and c) increase in risk-free rate. Despite losing market share in CVs during the transition to BS-IV/BS-VI emission norms as well as the continuous decline in its stronghold PV diesel, higher content and opportunities in the 2W segment will more than make up for the loss.

■ Valuations have corrected in line with its muted earnings over the last four years and dilution in its competitive positioning. We expect BOS to outperform underlying industry volumes, barring the substantial divergence in segmental trends, driven by a CV cycle recovery, higher content, and focus on growing exports. The stock trades ~27.5x/23.1x FY23E/FY24E EPS. While the negatives are priced in there are no material catalysts visible for re-rating of the stock. We are lowering our target multiple to 25x (from 27x earlier) to factor in for a) relatively weaker position in CNG CVs, b) increasing competition in electrical components and c) increase in risk-free rate. We maintain our Neutral rating with a TP of ~INR14,500 per share (~25x Mar′24E EPS, which is at a 33% discount to its 10-year LPA of 37x).

Exhibit 4: Revisions to our estimates

(INR b)		FY23E			FY24E			
	Revised	Old	Change (%)	Revised	Old	Change (%)		
Net Sales	137.9	137.9	0.0	153.5	153.5	0.0		
EBITDA Margin (%)	13.6	13.7	-10bp	14.8	14.8	10bp		
PAT	14.4	14.7	-2.0	17.1	17.2	-0.2		
EPS (INR)	486.8	496.8	-2.0	581.0	582.1	-0.2		

Exhibit 5: P/E and P/B band



Key operating indicators

Exhibit 6: Trend in sales

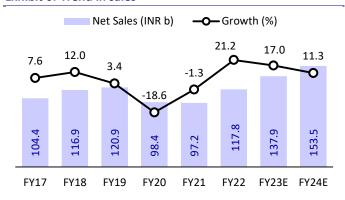


Exhibit 7: Segment mix

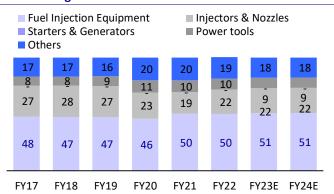


Exhibit 8: Gross margin v/s EBITDA margin

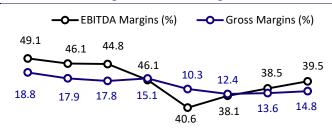
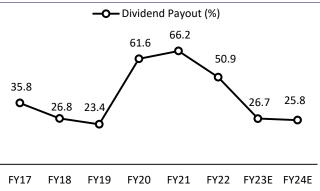


Exhibit 9: Trend in dividend payout



FY17 FY18 FY19 FY20 FY21 FY22 FY23E FY24E

Exhibit 10: FCF and net cash

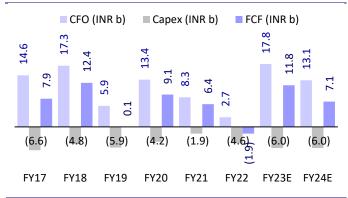


Exhibit 11: Cash, as a percentage of capital employed, stands

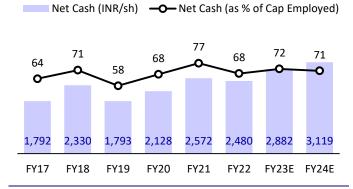


Exhibit 12: EPS and EPS growth trend

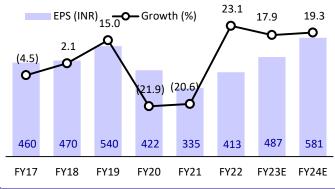
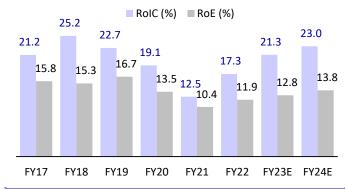


Exhibit 13: Trend in BOS' return profile



Source: Company, MOFSL Source: Company, MOFSL

Financials and valuations

Standalone Income Statement							(INR m)
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E
Net Op. Revenue	1,16,902	1,20,850	98,416	97,180	1,17,816	1,37,894	1,53,489
Change (%)	12.0	3.4	-18.6	-1.3	21.2	17.0	11.3
EBITDA	20,933	21,541	14,834	10,039	14,570	18,788	22,784
Margin (%)	17.9	17.8	15.1	10.3	12.4	13.6	14.8
Depreciation	4,672	4,021	3,833	3,414	3,243	3,693	4,326
EBIT	16,261	17,520	11,001	6,624	11,327	15,095	18,458
Fin. charges	33	133	102	140	289	130	100
Other Income	5,118	5,953	5,466	5,040	3,963	4,067	4,375
PBT bef. EO Exp.	21,346	23,340	16,365	11,524	15,001	19,033	22,733
EO Income/(Exp.)	-939	0	-8,416	-5,555	0	0	0
PBT after EO Exp.	20,407	23,340	7,948	5,969	15,001	19,033	22,733
Current Tax	7,016	7,051	3,324	1,630	1,930	4,678	5,601
Deferred Tax	-318	355	-1,424	-784	899	0	0
Tax Rate (%)	32.8	31.7	23.9	14.2	18.9	24.6	24.6
Reported PAT	13,708	15,934	6,048	5,123	12,172	14,355	17,132
Adjusted PAT	14,339	15,934	12,452	9,890	12,172	14,355	17,132
Change (%)	-0.7	11.1	-21.9	-20.6	23.1	17.9	19.3

Standalone Balance Sheet							(INR m)
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E
Equity Share Capital	305	295	295	295	295	295	295
Total Reserves	99,508	90,967	92,399	97,927	1,06,584	1,17,105	1,29,814
Net Worth	99,813	91,262	92,694	98,222	1,06,879	1,17,400	1,30,109
Total Loans	0	0	0	0	0	0	0
Capital Employed	99,813	91,262	92,694	98,222	1,06,879	1,17,400	1,30,109
Gross Block	26,261	28,991	34,629	36,339	38,169	46,723	52,723
Less: Accum. Deprn.	13,086	17,338	21,271	23,983	27,226	30,919	35,245
Net Fixed Assets	13,175	11,653	13,358	12,356	10,943	15,804	17,478
Capital WIP	3,132	6,546	4,932	4,928	6,054	3,500	3,500
Total Investments	52,404	40,538	40,415	51,571	56,447	56,447	56,447
Curr. Assets, Loans, and Adv.	65,658	63,764	69,928	73,821	76,499	94,270	1,06,554
Inventory	12,258	14,443	11,159	12,985	17,293	18,890	18,923
Account Receivables	16,156	15,675	14,131	13,894	15,267	18,890	21,026
Cash and Bank Balance	18,878	12,527	22,560	24,505	17,054	28,912	35,907
Loans and Advances	18,366	21,118	22,079	22,438	26,885	27,579	30,698
Curr. Liability and Prov.	39,461	35,834	40,506	49,514	47,225	56,782	58,031
Account Payables	20,231	15,885	16,050	22,230	22,404	26,445	27,334
Other Current Liabilities	6,670	9,200	8,277	14,171	11,174	13,789	12,279
Provisions	12,560	10,749	16,180	13,113	13,647	16,547	18,419
Net Current Assets	26,197	27,929	29,422	24,308	29,274	37,488	48,523
Deferred Tax assets	4,905	4,596	4,567	5,059	4,161	4,161	4,161
Appl. of Funds	99,813	91,262	92,694	98,222	1,06,879	1,17,400	1,30,109

E: MOFSL estimates

Financials and valuations

Issue of Shares

Interest Paid

Dividend Paid

Others

Inc./(Dec.) in Debt

CF from Fin. Activity

Inc./Dec. in Cash

Opening Balance

Closing Balance

Y/E March FY18 Basic (INR) FY18 EPS 470 Cash EPS 623 BV/Share 3,270 DPS 100 Payout (%) 26.8 Valuation (x) V P/E 28.5 Cash P/E 21.5 P/BV 4.1 EV/Sales 3.3 EV/EBITDA 18.6 Dividend Yield (%) 0.7 FCF per share 407.6 Return Ratios (%) 25.2 RoE 15.3 RoCE (pre-tax) 22.8 Working Capital Ratios Fixed Asset Turnover (x) 4.5	540 677 3,095 105 23.4 24.8 19.8	422 552 3,143 105 61.6	335 451 3,331	FY22 413 523	FY23E 487	FY24E
EPS 470 Cash EPS 623 BV/Share 3,270 DPS 100 Payout (%) 26.8 Valuation (x) P/E 28.5 Cash P/E 21.5 P/BV 4.1 EV/Sales 3.3 EV/EBITDA 18.6 Dividend Yield (%) 0.7 FCF per share 407.6 Return Ratios (%) 25.2 RoE 15.3 ROCE (pre-tax) 22.8 Working Capital Ratios	677 3,095 105 23.4 24.8	552 3,143 105	451 3,331	523	487	
Cash EPS 623 BV/Share 3,270 DPS 100 Payout (%) 26.8 Valuation (x) P/E 28.5 Cash P/E 21.5 P/BV 4.1 EV/Sales 3.3 EV/EBITDA 18.6 Dividend Yield (%) 0.7 FCF per share 407.6 Return Ratios (%) 25.2 RoE 15.3 ROCE (pre-tax) 22.8 Working Capital Ratios	677 3,095 105 23.4 24.8	552 3,143 105	451 3,331	523	487	
BV/Share 3,270 DPS 100 Payout (%) 26.8 Valuation (x) P/E 28.5 Cash P/E 21.5 P/BV 4.1 EV/Sales 3.3 EV/EBITDA 18.6 Dividend Yield (%) 0.7 FCF per share 407.6 Return Ratios (%) RoIC 25.2 RoE 15.3 ROCE (pre-tax) 22.8 Working Capital Ratios	3,095 105 23.4 24.8	3,143 105	3,331			581
DPS 100 Payout (%) 26.8 Valuation (x) P/E 28.5 Cash P/E 21.5 P/BV 4.1 EV/Sales 3.3 EV/EBITDA 18.6 Dividend Yield (%) 0.7 FCF per share 407.6 Return Ratios (%) RoIC 25.2 RoE 15.3 ROCE (pre-tax) 22.8 Working Capital Ratios	105 23.4 24.8	105		2 (24	612	728
Payout (%) 26.8 Valuation (x) 28.5 Cash P/E 21.5 P/BV 4.1 EV/Sales 3.3 EV/EBITDA 18.6 Dividend Yield (%) 0.7 FCF per share 407.6 Return Ratios (%) 25.2 RoE 15.3 ROCE (pre-tax) 22.8 Working Capital Ratios	23.4		115	3,624	3,981	4,412
Valuation (x) P/E 28.5 Cash P/E 21.5 P/BV 4.1 EV/Sales 3.3 EV/EBITDA 18.6 Dividend Yield (%) 0.7 FCF per share 407.6 Return Ratios (%) 25.2 RoE 15.3 ROCE (pre-tax) 22.8 Working Capital Ratios	24.8	61.6	115	210	130	150
P/E 28.5 Cash P/E 21.5 P/BV 4.1 EV/Sales 3.3 EV/EBITDA 18.6 Dividend Yield (%) 0.7 FCF per share 407.6 Return Ratios (%) 25.2 RoE 15.3 ROCE (pre-tax) 22.8 Working Capital Ratios			66.2	50.9	26.7	25.8
Cash P/E 21.5 P/BV 4.1 EV/Sales 3.3 EV/EBITDA 18.6 Dividend Yield (%) 0.7 FCF per share 407.6 Return Ratios (%) 25.2 RoE 15.3 ROCE (pre-tax) 22.8 Working Capital Ratios						
P/BV 4.1 EV/Sales 3.3 EV/EBITDA 18.6 Dividend Yield (%) 0.7 FCF per share 407.6 Return Ratios (%) 25.2 RoE 15.3 ROCE (pre-tax) 22.8 Working Capital Ratios	19.8	31.7	39.9	32.4	27.5	23.1
EV/Sales 3.3 EV/EBITDA 18.6 Dividend Yield (%) 0.7 FCF per share 407.6 Return Ratios (%) 25.2 RoE 15.3 ROCE (pre-tax) 22.8 Working Capital Ratios		24.3	29.7	25.6	21.9	18.4
EV/EBITDA 18.6 Dividend Yield (%) 0.7 FCF per share 407.6 Return Ratios (%) 25.2 RoIC 25.2 RoE 15.3 ROCE (pre-tax) 22.8 Working Capital Ratios	4.3	4.3	4.0	3.7	3.4	3.0
Dividend Yield (%) 0.7 FCF per share 407.6 Return Ratios (%) 25.2 RoIC 25.2 RoE 15.3 ROCE (pre-tax) 22.8 Working Capital Ratios	3.2	3.8	3.8	3.2	2.7	2.3
### ### ##############################	17.8	25.1	36.9	25.9	19.5	15.8
Return Ratios (%) RoIC 25.2 RoE 15.3 RoCE (pre-tax) 22.8 Working Capital Ratios	0.8	0.8	0.9	1.6	1.0	1.1
ROIC 25.2 ROE 15.3 ROCE (pre-tax) 22.8 Working Capital Ratios	2.6	309.2	217.4	-65.2	398.6	242.2
ROE 15.3 ROCE (pre-tax) 22.8 Working Capital Ratios						
RoCE (pre-tax) 22.8 Working Capital Ratios	22.7	19.1	12.5	17.3	21.3	23.0
Working Capital Ratios	16.7	13.5	10.4	11.9	12.8	13.8
	24.6	17.9	12.2	14.9	17.1	18.5
Fixed Asset Turnover (x) 4.5						
	4.2	2.8	2.7	3.1	3.0	2.9
Asset Turnover (x) 1.2	1.3	1.1	1.0	1.1	1.2	1.2
Inventory (Days) 38	44	41	49	54	50	45
Debtor (Days) 50	47	52	52	47	50	50
Creditor (Days) 63	48	60	83	69	70	65
Working Cap. Turnover (Days) 23	47	25	-1	38	23	30
Standalone Cash						(INR m
Flow Statement						
Y/E March FY18	FY19	FY20	FY21	FY22	FY23E	FY24E
OP/(Loss) before Tax 20,406	23,410	10,069	5,671	15,001	19,033	22,733
Depreciation 4,672	4,045	4,445	3,414	3,243	3,693	4,326
Interest and Finance Charges -2,720	-2,769	-2,948	-2,377	-2,150	-3,937	-4,275
Direct Taxes Paid -6,761	-7,822	-4,612	-2,695	-2,664	-4,678	-5,601
(Inc.)/Dec. in WC 4,588	-6,888	10,206	6,320	-9,372	3,644	-4,040
CF from Operations 20,185	9,976	17,160	10,334	4,058	17,754	13,144
CF from Operations incl. EO 17,287	5,931	13,361	8,349	2,693	17,754	13,144
(Inc.)/Dec. in FA -4,846	-5,854	-4,243	-1,938	-4,617	-6,000	-6,000
Free Cash Flow 12,441	78	9,118	C //11		11,754	7,144
(Pur.)/Sale of Investments -10,620			6,411	-1,924		
Others 3,763	15,821	782	-5,087	-1,837	0	(
CF from Investments -11,703	15,821 7,691 17,659					4,375

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0

0

-6

55

-3,295

-3,246

2,338

1,289

3,627

-21,569

-60

0

-3,679

-25,308

-1,717

3,627

1,910

0

0

0

-3,731

-3,990

-259

642

1,910

2,552

0

0

-16

-3,095

-3,382

-271

337

2,552

2,889

0

0

-150

-287

-3,394

-3,831

-1,456

2,889

1,433

0

0

0

-130

-3,834

-3,964

11,858

1,433

13,291

0

0

0

-100

-4,424

-4,524

6,995

13,291

20,286

NOTES

Explanation of Investment Rating	
Investment Rating	Expected return (over 12-month)
BUY	>=15%
SELL	<-10%
NEUTRAL	< - 10 % to 15%
UNDER REVIEW	Rating may undergo a change
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation

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