

Calculation Linkbase - C&I

Extended Link	Statutory		
prefix	label	name	weight
in-gaap	Sources of Funds	SourcesofFunds	0.0
in-gaap	Shareholder's Funds	ShareholdersFunds	1.0
in-gaap	Share Capital	ShareCapital	1.0
in-gaap	Paid up Share Capital	PaidupShareCapital	1.0
in-gaap	Paid up Equity Share Capital	PaidupEquityShareCapital	1.0
in-gaap	Called up Equity Share Capital	CalledupEquityShareCapital	1.0
in-gaap	Calls in Arrears	CallsArrears	-1.0
in-gaap	Calls Unpaid by Directors	CallsUnpaidbyDirectors	1.0
in-gaap	Calls Unpaid by Others	CallsUnpaidbyOthers	1.0
in-gaap	Forfeited Shares	ForfeitedShares	-1.0
in-gaap	Forfeited Shares Reissued	ForfeitedSharesReissued	1.0
in-gaap	Paid up Preference Share Capital	PaidupPreferenceShareCapital	1.0
in-gaap	Cumulative Preference Share Capital	CumulativePreferenceShareCapital	1.0
in-gaap	Noncumulative Preference Share Capital	NoncumulativePreferenceShareCapital	1.0

in-gaap	Convertible Preference Share Capital	ConvertiblePreferenceShareCapital	1.0
in-gaap	Nonconvertible Preference Share Capital	NonconvertiblePreferenceShareCapital	1.0
in-gaap	Other Preference Share Capital	OtherPreferenceShareCapital	1.0
in-gaap	Equity Share Warrants	EquityShareWarrants	1.0
in-gaap	Share Capital Amount Pending Allocation	ShareCapitalAmountPendingAllocation	1.0
in-gaap	Equity Share Capital Pending Allocation	EquityShareCapitalPendingAllocation	1.0
in-gaap	Preference Share Capital Pending Allocation	PreferenceShareCapitalPendingAllocation	1.0
in-gaap	Securities Premium Pending Allocation	SecuritiesPremiumPendingAllocation	1.0
in-gaap	Reserves and Surplus	ReservesSurplus	1.0
in-gaap	Capital Reserve on Consolidation	CapitalReserveConsolidation	1.0
in-gaap	Capital Reserve	CapitalReserve	1.0
in-gaap	Capital Redemption Reserve	CapitalRedemptionReserve	1.0
in-gaap	Sinking Fund Reserve	SinkingFundReserve	1.0
in-gaap	Securities Premium	SecuritiesPremium	1.0
in-gaap	General Reserve	GeneralReserve	1.0
in-gaap	Profit (Loss) Account	ProfitLossAccount	1.0
in-gaap	Other Reserves and Surplus	OtherReservesSurplus	1.0

in-gaap	Minority Interests, Net	MinorityInterestsNet	1.0
in-gaap	Net Deferred Tax Liability	NetDeferredTaxLiability	1.0
in-gaap	Loan Funds	LoanFunds	1.0
in-gaap	Secured Debt	SecuredDebt	1.0
in-gaap	Debentures, Secured	DebenturesSecured	1.0
in-gaap	Fully Convertible Debentures, Secured	FullyConvertibleDebenturesSecured	1.0
in-gaap	Partly Convertible Debentures, Secured	PartlyConvertibleDebenturesSecured	1.0
in-gaap	Nonconvertible Debentures, Secured	NonconvertibleDebenturesSecured	1.0
in-gaap	Interest Accrued and Due on Debentures, Secured	InterestAccruedDueDebenturesSecured	1.0
in-gaap	Loans and Advances from Banks	LoansAdvancesBanks	1.0
in-gaap	Rupee Term Loans from Banks, Secured	RupeeTermLoansBanksSecured	1.0
in-gaap	Foreign Currency Loans from Banks, Secured	ForeignCurrencyLoansBanksSecured	1.0
in-gaap	Working Capital Loans from Banks, Secured	WorkingCapitalLoansBanksSecured	1.0
in-gaap	Interest Accrued and Due on Bank Loans and Advances, Secured	InterestAccruedDueBankDebtsSecured	1.0
in-gaap	Loans from Subsidiaries, Secured	LoansSubsidiariesSecured	1.0
in-gaap	Loans and Advances from Subsidiaries, Secured	LoansAdvancesSubsidiariesSecured	1.0
in-gaap	Interest Accrued and Due on Loans from Subsidiaries, Secured	InterestAccruedDueSubsidiariesDebtSecured	1.0

in-gaap	Other Loans and Advances, Secured	OtherSecuredLoansAdvances	1.0
in-gaap	Loans from Directors, Secured	LoansDirectorsSecured	1.0
in-gaap	Loans from Managers, Secured	LoansManagersSecured	1.0
in-gaap	Other Debt, Secured	OtherDebtSecured	1.0
in-gaap	Interest Accrued and Due on Other Debt, Secured	InterestAccruedDueOtherDebtSecured	1.0
in-gaap	Unsecured Debt	UnsecuredDebt	1.0
in-gaap	Fixed Deposits, Unsecured	FixedDepositsUnsecured	1.0
in-gaap	Fixed Deposits	FixedDeposits	1.0
in-gaap	Interest Accrued and Due on Unsecured Fixed Deposits	InterestAccruedDueFixedDeposits	1.0
in-gaap	Loans from Subsidiaries, Unsecured	LoansSubsidiariesUnsecured	1.0
in-gaap	Loans and Advances from Subsidiaries, Unsecured	LoansAdvancesSubsidiariesUnsecured	1.0
in-gaap	Interest Accrued and Due on Loans from Subsidiaries, Unsecured	InterestAccruedDueSubsidiariesDebtUnsecured	1.0
in-gaap	Unsecured Short Term Loans and Advances	UnsecuredShortTermLoansAdvances	1.0
in-gaap	Unsecured Short Term Loans and Advances from Banks	UnsecuredShortTermLoansAdvancesBanks	1.0
in-gaap	Unsecured Short Term Loans and Advances from Others	UnsecuredShortTermLoansAdvancesOthers	1.0
in-gaap	Interest Accrued and Due on Unsecured Short Term Loans and Advances	InterestAccruedDueUnsecuredShortTermLoansAdvances	1.0
in-gaap	Other Loans and Advances, Unsecured	OtherUnsecuredLoansAdvances	1.0

in-gaap	Other Loans and Advances from Banks, Unsecured	OtherUnsecuredLoansAdvancesBanks	1.0
in-gaap	Loans from Directors, Unsecured	LoansDirectorsUnsecured	1.0
in-gaap	Loans from Managers, Unsecured	LoansManagersUnsecured	1.0
in-gaap	Other Debt, Unsecured	OtherDebtUnsecured	1.0
in-gaap	Interest Accrued and Due on Other Debt, Unsecured	InterestAccruedDueOtherDebtUnsecured	1.0
in-gaap	Finance Lease Obligation, Long-Term	FinanceLeaseObligationLongTerm	1.0
in-gaap	Other Sources of Funds	OtherSourcesFunds	1.0
in-gaap	Application of Funds	ApplicationofFunds	0.0
in-gaap	Goodwill on Consolidation	GoodwillonConsolidation	1.0
in-gaap	Goodwill on Consolidation of Subsidiaries	GoodwillConsolidationSubsidiaries	1.0
in-gaap	Goodwill on Investments in Associates	GoodwillInvestmentsAssociates	1.0
in-gaap	Goodwill on Investments in Joint Ventures	GoodwillInvestmentsJointVentures	1.0
in-gaap	Fixed Assets	FixedAssets	1.0
in-gaap	Net Block	NetBlock	1.0
in-gaap	Acquired Goodwill, Net	AcquiredGoodwillNet	1.0
in-gaap	Land and Land Improvements, Net	LandLandImprovementsNet	1.0
in-gaap	Land, Net	LandNet	1.0

in-gaap	Lease Hold Land, Net	LeaseHoldLandNet	1.0
in-gaap	Free Hold Land, Net	FreeHoldLandNet	1.0
in-gaap	Land Improvements, Net	LandImprovementsNet	1.0
in-gaap	Building and Building Improvements, Net	BuildingBuildingImprovementsNet	1.0
in-gaap	Building, Net	BuildingNet	1.0
in-gaap	Building Improvements, Net	BuildingImprovementsNet	1.0
in-gaap	Leasehold Properties, Net	LeaseholdPropertiesNet	1.0
in-gaap	Assets on Financial Lease, Net	AssetsFinancialLeaseNet	1.0
in-gaap	Railway Sidings, Net	RailwaySidingsNet	1.0
in-gaap	Plant and Machinery, Net	PlantMachineryNet	1.0
in-gaap	Furniture and Fixtures, Net	FurnitureFixturesNet	1.0
in-gaap	Patents, Trademarks and Design, Net	PatentsTrademarksDesignNet	1.0
in-gaap	Livestock, Net	LivestockNet	1.0
in-gaap	Vehicles, Net	VehiclesNet	1.0
in-gaap	Other Fixed Assets, Net	OtherFixedAssetsNet	1.0
in-gaap	Capital Work-in-Progress, Net	CapitalWorkinProgressNet	1.0
in-gaap	Expenditure Pending Allocation, Net	ExpenditurePendingAllocationNet	1.0

in-gaap	Investments, Net	InvestmentsNet	1.0
in-gaap	Investments in Government Securities and Local Authorities	GovernmentSecuritiesLocalAuthoritiesInvestments	1.0
in-gaap	Government Securities and Local Authorities, Long-Term	GovernmentSecuritiesLocalAuthoritiesLongTerm	1.0
in-gaap	Government Securities and Local Authorities, Long-Term, Quoted	GovernmentSecuritiesLocalAuthoritiesLongTermQuoted	1.0
in-gaap	Government Securities and Local Authorities, Long-Term, Quoted, Trade	GovernmentSecuritiesLocalAuthoritiesLongTermQuotedTrade	1.0
in-gaap	Government Securities and Local Authorities, Long-Term, Quoted, Nontrade	GovernmentSecuritiesLocalAuthoritiesLongTermQuotedNontrade	1.0
in-gaap	Government Securities and Local Authorities, Long-Term, Unquoted	GovernmentSecuritiesLocalAuthoritiesLongTermUnquoted	1.0
in-gaap	Government Securities and Local Authorities, Long-Term, Unquoted, Trade	GovernmentSecuritiesLocalAuthoritiesLongTermUnquotedTrade	1.0
in-gaap	Government Securities and Local Authorities, Long-Term, Unquoted, Nontrade	GovernmentSecuritiesLocalAuthoritiesLongTermUnquotedNontrade	1.0
in-gaap	Government Securities and Local Authorities, Current	GovernmentSecuritiesLocalAuthoritiesCurrent	1.0
in-gaap	Government Securities and Local Authorities, Current, Quoted	GovernmentSecuritiesLocalAuthoritiesCurrentQuoted	1.0
in-gaap	Government Securities and Local Authorities, Current, Quoted, Trade	GovernmentSecuritiesLocalAuthoritiesCurrentQuotedTrade	1.0
in-gaap	Government Securities and Local Authorities, Current, Quoted, Nontrade	GovernmentSecuritiesLocalAuthoritiesCurrentQuotedNontrade	1.0
in-gaap	Government Securities and Local Authorities, Current, Unquoted	GovernmentSecuritiesLocalAuthoritiesCurrentUnquoted	1.0
in-gaap	Government Securities and Local Authorities, Current, Unquoted, Trade	GovernmentSecuritiesLocalAuthoritiesCurrentUnquotedTrade	1.0
in-gaap	Government Securities and Local Authorities, Current, Unquoted, Nontrade	GovernmentSecuritiesLocalAuthoritiesCurrentUnquotedNontrade	1.0
in-gaap	Investments in Debt Securities	DebtSecuritiesInvestments	1.0

in-gaap	Debt Securities, Long-Term	DebtSecuritiesLongTerm	1.0
in-gaap	Debt Securities, Long-Term, Quoted	DebtSecuritiesLongTermQuoted	1.0
in-gaap	Debt Securities, Long-Term, Quoted, Trade	DebtSecuritiesLongTermQuotedTrade	1.0
in-gaap	Debt Securities, Long-Term, Quoted, Nontrade	DebtSecuritiesLongTermQuotedNontrade	1.0
in-gaap	Debt Securities, Long-Term, Unquoted	DebtSecuritiesLongTermUnquoted	1.0
in-gaap	Debt Securities, Long-Term, Unquoted, Trade	DebtSecuritiesLongTermUnquotedTrade	1.0
in-gaap	Debt Securities, Long-Term, Unquoted, Nontrade	DebtSecuritiesLongTermUnquotedNontrade	1.0
in-gaap	Debt Securities, Current	DebtSecuritiesCurrent	1.0
in-gaap	Debt Securities, Current, Quoted	DebtSecuritiesCurrentQuoted	1.0
in-gaap	Debt Securities, Current, Quoted, Trade	DebtSecuritiesCurrentQuotedTrade	1.0
in-gaap	Debt Securities, Current, Quoted, Nontrade	DebtSecuritiesCurrentQuotedNontrade	1.0
in-gaap	Debt Securities, Current, Unquoted	DebtSecuritiesCurrentUnquoted	1.0
in-gaap	Debt Securities, Current, Unquoted, Trade	DebtSecuritiesCurrentUnquotedTrade	1.0
in-gaap	Debt Securities, Current, Unquoted, Nontrade	DebtSecuritiesCurrentUnquotedNontrade	1.0
in-gaap	Investments in Equity Securities	EquitySecuritiesInvestments	1.0
in-gaap	Equity Securities, Long-Term	EquitySecuritiesLongTerm	1.0
in-gaap	Equity Securities, Long-Term, Quoted	EquitySecuritiesLongTermQuoted	1.0

in-gaap	Equity Securities, Long-Term, Quoted, Trade	EquitySecuritiesLongTermQuotedTrade	1.0
in-gaap	Equity Securities, Long-Term, Quoted, Nontrade	EquitySecuritiesLongTermQuotedNontrade	1.0
in-gaap	Equity Securities, Long-Term, Unquoted	EquitySecuritiesLongTermUnquoted	1.0
in-gaap	Equity Securities, Long-Term, Unquoted, Trade	EquitySecuritiesLongTermUnquotedTrade	1.0
in-gaap	Equity Securities, Long-Term, Unquoted, Nontrade	EquitySecuritiesLongTermUnquotedNontrade	1.0
in-gaap	Equity Securities, Current	EquitySecuritiesCurrent	1.0
in-gaap	Equity Securities, Current, Quoted	EquitySecuritiesCurrentQuoted	1.0
in-gaap	Equity Securities, Current, Quoted, Trade	EquitySecuritiesCurrentQuotedTrade	1.0
in-gaap	Equity Securities, Current, Quoted, Nontrade	EquitySecuritiesCurrentQuotedNontrade	1.0
in-gaap	Equity Securities, Current, Unquoted	EquitySecuritiesCurrentUnquoted	1.0
in-gaap	Equity Securities, Current, Unquoted, Trade	EquitySecuritiesCurrentUnquotedTrade	1.0
in-gaap	Equity Securities, Current, Unquoted, Nontrade	EquitySecuritiesCurrentUnquotedNontrade	1.0
in-gaap	Investments in Mutual Funds	MutualFundsInvestments	1.0
in-gaap	Mutual Funds, Long-Term	MutualFundsLongTerm	1.0
in-gaap	Mutual Funds, Long-Term, Trade	MutualFundsLongTermTrade	1.0
in-gaap	Mutual Funds, Long-Term, Nontrade	MutualFundsLongTermNontrade	1.0
in-gaap	Mutual Funds, Current	MutualFundsCurrent	1.0

in-gaap	Mutual Funds, Current, Trade	MutualFundsCurrentTrade	1.0
in-gaap	Mutual Funds, Current, Nontrade	MutualFundsCurrentNontrade	1.0
in-gaap	Other Investments	OtherInvestments	1.0
in-gaap	Other Investments, Long-Term	OtherInvestmentsLongTerm	1.0
in-gaap	Other Investments, Long-Term, Quoted	OtherInvestmentsLongTermQuoted	1.0
in-gaap	Other Investments, Long-Term, Quoted, Trade	OtherInvestmentsLongTermQuotedTrade	1.0
in-gaap	Other Investments, Long-Term, Quoted, Nontrade	OtherInvestmentsLongTermQuotedNontrade	1.0
in-gaap	Other Investments, Long-Term, Unquoted	OtherInvestmentsLongTermUnquoted	1.0
in-gaap	Other Investments, Long-Term, Unquoted, Trade	OtherInvestmentsLongTermUnquotedTrade	1.0
in-gaap	Other Investments, Long-Term, Unquoted, Nontrade	OtherInvestmentsLongTermUnquotedNontrade	1.0
in-gaap	Other Investments, Current	OtherInvestmentsCurrent	1.0
in-gaap	Other Investments, Current, Quoted	OtherInvestmentsCurrentQuoted	1.0
in-gaap	Other Investments, Current, Quoted, Trade	OtherInvestmentsCurrentQuotedTrade	1.0
in-gaap	Other Investments, Current, Quoted, Nontrade	OtherInvestmentsCurrentQuotedNontrade	1.0
in-gaap	Other Investments, Current, Unquoted	OtherInvestmentsCurrentUnquoted	1.0
in-gaap	Other Investments, Current, Unquoted, Trade	OtherInvestmentsCurrentUnquotedTrade	1.0
in-gaap	Other Investments, Current, Unquoted, Nontrade	OtherInvestmentsCurrentUnquotedNontrade	1.0

in-gaap	Investment Property	InvestmentProperty	1.0
in-gaap	Investment in Associates	InvestmentAssociates	1.0
in-gaap	Investment in Joint Ventures	InvestmentJointVentures	1.0
in-gaap	Investment in Subsidiaries	InvestmentSubsidiaries	1.0
in-gaap	Investments in the Capital of Partnership Firms	InvestmentsinCapitalPartnershipFirms	1.0
in-gaap	Balance of Unutilised Money Investments	UnutilisedMoneyInvestments	1.0
in-gaap	Provision for Long-Term Investments	ProvisionLongTermInvestments	-1.0
in-gaap	Provision for Current Investments	ProvisionCurrentInvestments	-1.0
in-gaap	Net Deferred Tax Asset	NetDeferredTaxAsset	1.0
in-gaap	Finance Lease Receivables, Long-Term	FinanceLeaseReceivablesLongTerm	1.0
in-gaap	Net Current Assets	NetCurrentAssets	1.0
in-gaap	Current Assets, Loans and Advances	CurrentAssetsLoansAdvances	1.0
in-gaap	Current Assets	CurrentAssets	1.0
in-gaap	Interest Income Accrued but Not Due	InterestIncomeAccruedbutNotDue	1.0
in-gaap	Inventories	Inventories	1.0
in-gaap	Inventories, Raw Materials	InventoriesRawMaterials	1.0
in-gaap	Inventories, Stores and Spares	InventoriesStoresSpares	1.0

in-gaap	Inventories, Work-in-Progress	InventoriesWorkinProgress	1.0
in-gaap	Inventories, Contracts Work-in-Progress	InventoriesContractsWorkinProgress	1.0
in-gaap	Inventories, Finished Goods	InventoriesFinishedGoods	1.0
in-gaap	Inventories, Other	InventoriesOther	1.0
in-gaap	Provision for Obsolescence	ProvisionObsolescence	-1.0
in-gaap	Sundry Debtors	SundryDebtors	1.0
in-gaap	Sundry Debtors, Gross	SundryDebtorsGross	1.0
in-gaap	Debtors Exceeding Six Months	DebtorsExceedingSixMonths	1.0
in-gaap	Debtors Exceeding Six Months, Secured	DebtorsExceedingSixMonthsSecured	1.0
in-gaap	Debtors considered Good Exceeding Six Months, Unsecured	DebtorsconsideredGoodExceedingSixMonthsUnsecured	1.0
in-gaap	Debtors considered Doubtful Exceeding Six Months, Unsecured	DebtorsconsideredDoubtfulExceedingSixMonthsUnsecured	1.0
in-gaap	Debtors within Six Months	DebtorswithinSixMonths	1.0
in-gaap	Debtors within Six Months, Secured	DebtorswithinSixMonthsSecured	1.0
in-gaap	Debtors considered Good within Six Months, Unsecured	DebtorsconsideredGoodwithinSixMonthsUnsecured	1.0
in-gaap	Debtors considered Doubtful within Six Months, Unsecured	DebtorsconsideredDoubtfulwithinSixMonthsUnsecured	1.0
in-gaap	Provision for Doubtful Debts	ProvisionDoubtfulDebts	-1.0
in-gaap	Finance Lease Receivables, Current	FinanceLeaseReceivablesCurrent	1.0

in-gaap	Cash and Bank Balance	CashBankBalance	1.0
in-gaap	Cash Balance in Hand	CashBalanceHand	1.0
in-gaap	Cash in Hand	CashHand	1.0
in-gaap	Cheques in Hand	ChequesHand	1.0
in-gaap	Bank Balances	BankBalances	1.0
in-gaap	Balance, Scheduled Banks	BalanceScheduledBanks	1.0
in-gaap	Balance, Scheduled Banks, Current Account	BalanceScheduledBanksCurrentAccount	1.0
in-gaap	Balance, Scheduled Banks, Deposit Account	BalanceScheduledBanksDepositAccount	1.0
in-gaap	Balance, Scheduled Banks, Call Account	BalanceScheduledBanksCallAccount	1.0
in-gaap	Balance, Scheduled Banks, Unclaimed Amount Account	BalanceScheduledBanksUnclaimedAmountAccount	1.0
in-gaap	Balance, Scheduled Banks, Other Account	BalanceScheduledBanksOtherAccount	1.0
in-gaap	Balance, Other Banks	BalanceOtherBanks	1.0
in-gaap	Balance, Other Banks, Current Account	BalanceOtherBanksCurrentAccount	1.0
in-gaap	Balance, Other Banks, Deposit Account	BalanceOtherBanksDepositAccount	1.0
in-gaap	Balance, Other Banks, Call Account	BalanceOtherBanksCallAccount	1.0
in-gaap	Balance, Other Banks, Other Account	BalanceOtherBanksOtherAccount	1.0
in-gaap	Loans and Advances	LoansAdvances	1.0

in-gaap	Loans and Advances made to Subsidiaries	LoansandAdvancesSubsidiaries	1.0
in-gaap	Secured Loans and Advances given to Subsidiaries	SecuredLoansAdvancesgivenSubsidiaries	1.0
in-gaap	Unsecured Loans and Advances given to Subsidiaries	UnsecuredLoansAdvancesgivenSubsidiaries	1.0
in-gaap	Loans and Advances to Partnership Firms	LoansandAdvancesPartnershipFirms	1.0
in-gaap	Bills Receivable	BillsReceivable	1.0
in-gaap	Advances for Value to be Received	LoansAdvancesValuebeReceived	1.0
in-gaap	Secured Loans and Advances for Value to be Received	SecuredLoansAdvancesValuebeReceived	1.0
in-gaap	Unsecured Loans and Advances for Value to be Received	UnsecuredLoansAdvancesValuebeReceived	1.0
in-gaap	Deposits with the Statutory Authorities	DepositswithStatutoryAuthorities	1.0
in-gaap	Other Loans and Advances	OtherLoansAdvances	1.0
in-gaap	Current Liabilities and Provisions	CurrentLiabilitiesProvisions	-1.0
in-gaap	Current Liabilities	CurrentLiabilities	1.0
in-gaap	Bills Payable and Acceptances	BillsPayableAcceptances	1.0
in-gaap	Sundry Creditors	SundryCreditors	1.0
in-gaap	Creditors Due from Small and Micro Enterprises	CreditorsDueSmallMicroEnterprises	1.0
in-gaap	Creditors Due from others	CreditorsDueothers	1.0
in-gaap	Amount Due to Subsidiaries	AmountDueSubsidiaries	1.0

in-gaap	Customer and Other Advances	CustomerOtherAdvances	1.0
in-gaap	Amounts to be credited to Investor Education Protection Fund	AmountstobecreditedInvestorEducationProtectionFund	1.0
in-gaap	Unclaimed Dividend	UnclaimedDividend	1.0
in-gaap	Unclaimed Share Application Refund Money	UnclaimedShareApplicationRefundMoney	1.0
in-gaap	Unclaimed Matured Debentures	UnclaimedMaturedDebentures	1.0
in-gaap	Unclaimed Matured Deposits	UnclaimedMaturedDeposits	1.0
in-gaap	Interest on Unclaimed Amount	InterestUnclaimedAmount	1.0
in-gaap	Other Unclaimed Amount	OtherUnclaimedAmount	1.0
in-gaap	Other Current Liabilities	OtherCurrentLiabilities	1.0
in-gaap	Interest Accrued but Not Due	InterestAccruedbutNotDue	1.0
in-gaap	Provisions	Provisions	1.0
in-gaap	Tax Provision	TaxProvision	1.0
in-gaap	Provisions for Dividend and Dividend Tax	ProvisionsDividendDividendTax	1.0
in-gaap	Provision for Contingencies	ProvisionContingencies	1.0
in-gaap	Provision for Employees Related Liabilities	ProvisionEmployeesRelatedLiabilities	1.0
in-gaap	Provision for Gratuity	ProvisionGratuity	1.0
in-gaap	Provision for Leave Encashment	ProvisionLeaveEncashment	1.0

in-gaap	Provision for Pension	ProvisionPension	1.0
in-gaap	Provision for Provident Fund Scheme	ProvisionProvidentFundScheme	1.0
in-gaap	Provision for Employee Insurance Scheme	ProvisionEmployeeInsuranceScheme	1.0
in-gaap	Provision for Other Employee Related Liabilities	ProvisionOtherEmployeeRelatedLiabilities	1.0
in-gaap	Other Provisions	OtherProvisions	1.0
in-gaap	Miscellaneous Expenditure Not Written off	MiscellaneousExpenditureNotWrittenoff	1.0
in-gaap	Preliminary Expenditure Not Written off	PreliminaryExpenditureNotWrittenoff	1.0
in-gaap	Shares and Debentures Issue Expenses Not Written off	SharesDebenturesIssueExpensesNotWrittenoff	1.0
in-gaap	Discount on Issue of Shares and Debentures Not Written off	DiscountIssueSharesDebenturesNotWrittenoff	1.0
in-gaap	Financing Charges Not Written off	FinancingChargesNotWrittenoff	1.0
in-gaap	Development Expenditure Not Written off	DevelopmentExpenditureNotWrittenoff	1.0
in-gaap	Miscellaneous Expenditure Other Not Written off	MiscellaneousExpenditureOtherNotWrittenoff	1.0
in-gaap	Deferred Revenue Expenditure Not Written off	DeferredRevenueExpenditureNotWrittenoff	1.0
in-gaap	Technical Know-how Fees Not Written off	TechnicalKnowhowFeesNotWrittenoff	1.0
in-gaap	Voluntary Retirement Scheme Not Written off	VoluntaryRetirementSchemeNotWrittenoff	1.0
in-gaap	Other Miscellaneous Expenditure Not Written off	OtherMiscellaneousExpenditureNotWrittenoff	1.0
in-gaap	Profit and Loss Debit Balance	ProfitLossDebitBalance	1.0

in-gaap	Other Application of Assets	OtherApplicationAssets	1.0
Extended Link	SourcesApplicationFunds		
prefix	label	name	weight
in-gaap	Sources of Funds	SourcesofFunds	0.0
in-gaap	Shareholder's Funds	ShareholdersFunds	1.0
in-gaap	Share Capital	ShareCapital	1.0
in-gaap	Reserves and Surplus	ReservesSurplus	1.0
in-gaap	Minority Interests, Net	MinorityInterestsNet	1.0
in-gaap	Net Deferred Tax Liability	NetDeferredTaxLiability	1.0
in-gaap	Loan Funds	LoanFunds	1.0
in-gaap	Secured Debt	SecuredDebt	1.0
in-gaap	Unsecured Debt	UnsecuredDebt	1.0
in-gaap	Finance Lease Obligation, Long-Term	FinanceLeaseObligationLongTerm	1.0
in-gaap	Other Sources of Funds	OtherSourcesFunds	1.0
in-gaap	Application of Funds	ApplicationofFunds	0.0

in-gaap	Goodwill on Consolidation	GoodwillonConsolidation	1.0
in-gaap	Goodwill on Consolidation of Subsidiaries	GoodwillConsolidationSubsidiaries	1.0
in-gaap	Goodwill on Investments in Associates	GoodwillInvestmentsAssociates	1.0
in-gaap	Goodwill on Investments in Joint Ventures	GoodwillInvestmentsJointVentures	1.0
in-gaap	Fixed Assets	FixedAssets	1.0
in-gaap	Net Block	NetBlock	1.0
in-gaap	Capital Work-in-Progress, Net	CapitalWorkinProgressNet	1.0
in-gaap	Expenditure Pending Allocation, Net	ExpenditurePendingAllocationNet	1.0
in-gaap	Share of Fixed Assets of Joint Ventures, Net	ShareFixedAssetsJointVenturesNet	1.0
in-gaap	Investments, Net	InvestmentsNet	1.0
in-gaap	Net Deferred Tax Asset	NetDeferredTaxAsset	1.0
in-gaap	Finance Lease Receivables, Long-Term	FinanceLeaseReceivablesLongTerm	1.0
in-gaap	Net Current Assets	NetCurrentAssets	1.0
in-gaap	Current Assets, Loans and Advances	CurrentAssetsLoansAdvances	1.0
in-gaap	Current Assets	CurrentAssets	1.0
in-gaap	Sundry Debtors	SundryDebtors	1.0
in-gaap	Inventories	Inventories	1.0

in-gaap	Cash and Bank Balance	CashBankBalance	1.0
in-gaap	Other Current Assets	OtherCurrentAssets	1.0
in-gaap	Loans and Advances	LoansAdvances	1.0
in-gaap	Current Liabilities and Provisions	CurrentLiabilitiesProvisions	-1.0
in-gaap	Current Liabilities	CurrentLiabilities	1.0
in-gaap	Provisions	Provisions	1.0
in-gaap	Miscellaneous Expenditure Not Written off	MiscellaneousExpenditureNotWrittenoff	1.0
in-gaap	Preliminary Expenditure Not Written off	PreliminaryExpenditureNotWrittenoff	1.0
in-gaap	Discount on Issue of Shares and Debentures Not Written off	DiscountIssueSharesDebenturesNotWrittenoff	1.0
in-gaap	Discount on Issue of Shares Not Written off	DiscountIssueSharesNotWrittenoff	1.0
in-gaap	Discount on Issue of Debentures Not Written off	DiscountIssueDebenturesNotWrittenoff	1.0
in-gaap	Shares and Debentures Issue Expenses Not Written off	SharesDebenturesIssueExpensesNotWrittenoff	1.0
in-gaap	Shares Issue Expenses Not Written off	SharesIssueExpensesNotWrittenoff	1.0
in-gaap	Debentures Issue Expenses Not Written off	DebenturesIssueExpensesNotWrittenoff	1.0
in-gaap	Financing Charges Not Written off	FinancingChargesNotWrittenoff	1.0
in-gaap	Deferred Revenue Expenditure Not Written off	DeferredRevenueExpenditureNotWrittenoff	1.0
in-gaap	Development Expenditure Not Written off	DevelopmentExpenditureNotWrittenoff	1.0

in-gaap	Technical Know-how Fees Not Written off	TechnicalKnowhowFeesNotWrittenoff	1.0
in-gaap	Voluntary Retirement Scheme Not Written off	VoluntaryRetirementSchemeNotWrittenoff	1.0
in-gaap	Other Miscellaneous Expenditure Not Written off	OtherMiscellaneousExpenditureNotWrittenoff	1.0
in-gaap	Profit and Loss Debit Balance	ProfitLossDebitBalance	1.0
in-gaap	Other Application of Assets	OtherApplicationAssets	1.0
Extended Link	TotalAssetsLiabilities		
prefix	label	name	weight
in-gaap	Total Liabilities	TotalLiabilities	0.0
in-gaap	Shareholder's Funds	ShareholdersFunds	1.0
in-gaap	Share Capital	ShareCapital	1.0
in-gaap	Reserves and Surplus	ReservesSurplus	1.0
in-gaap	Minority Interests, Net	MinorityInterestsNet	1.0
in-gaap	Net Deferred Tax Liability	NetDeferredTaxLiability	1.0
in-gaap	Loan Funds	LoanFunds	1.0
in-gaap	Secured Debt	SecuredDebt	1.0

in-gaap	Unsecured Debt	UnsecuredDebt	1.0
in-gaap	Finance Lease Obligation, Long-Term	FinanceLeaseObligationLongTerm	1.0
in-gaap	Current Liabilities and Provisions	CurrentLiabilitiesProvisions	1.0
in-gaap	Current Liabilities	CurrentLiabilities	1.0
in-gaap	Provisions	Provisions	1.0
in-gaap	Other Liabilities	OtherLiabilities	1.0
in-gaap	Total Assets	TotalAssets	0.0
in-gaap	Goodwill on Consolidation	GoodwillonConsolidation	1.0
in-gaap	Goodwill on Consolidation of Subsidiaries	GoodwillConsolidationSubsidiaries	1.0
in-gaap	Goodwill on Investments in Associates	GoodwillInvestmentsAssociates	1.0
in-gaap	Goodwill on Investments in Joint Ventures	GoodwillInvestmentsJointVentures	1.0
in-gaap	Fixed Assets	FixedAssets	1.0
in-gaap	Net Block	NetBlock	1.0
in-gaap	Capital Work-in-Progress, Net	CapitalWorkinProgressNet	1.0
in-gaap	Expenditure Pending Allocation, Net	ExpenditurePendingAllocationNet	1.0
in-gaap	Share of Fixed Assets of Joint Ventures, Net	ShareFixedAssetsJointVenturesNet	1.0
in-gaap	Investments, Net	InvestmentsNet	1.0

in-gaap	Net Deferred Tax Asset	NetDeferredTaxAsset	1.0
in-gaap	Finance Lease Receivables, Long-Term	FinanceLeaseReceivablesLongTerm	1.0
in-gaap	Current Assets, Loans and Advances	CurrentAssetsLoansAdvances	1.0
in-gaap	Current Assets	CurrentAssets	1.0
in-gaap	Sundry Debtors	SundryDebtors	1.0
in-gaap	Inventories	Inventories	1.0
in-gaap	Cash and Bank Balance	CashBankBalance	1.0
in-gaap	Other Current Assets	OtherCurrentAssets	1.0
in-gaap	Loans and Advances	LoansAdvances	1.0
in-gaap	Miscellaneous Expenditure Not Written off	MiscellaneousExpenditureNotWrittenoff	1.0
in-gaap	Preliminary Expenditure Not Written off	PreliminaryExpenditureNotWrittenoff	1.0
in-gaap	Discount on Issue of Shares and Debentures Not Written off	DiscountIssueSharesDebenturesNotWrittenoff	1.0
in-gaap	Discount on Issue of Shares Not Written off	DiscountIssueSharesNotWrittenoff	1.0
in-gaap	Discount on Issue of Debentures Not Written off	DiscountIssueDebenturesNotWrittenoff	1.0
in-gaap	Shares and Debentures Issue Expenses Not Written off	SharesDebenturesIssueExpensesNotWrittenoff	1.0
in-gaap	Shares Issue Expenses Not Written off	SharesIssueExpensesNotWrittenoff	1.0
in-gaap	Debentures Issue Expenses Not Written off	DebenturesIssueExpensesNotWrittenoff	1.0

in-gaap	Financing Charges Not Written off	FinancingChargesNotWrittenoff	1.0
in-gaap	Deferred Revenue Expenditure Not Written off	DeferredRevenueExpenditureNotWrittenoff	1.0
in-gaap	Development Expenditure Not Written off	DevelopmentExpenditureNotWrittenoff	1.0
in-gaap	Technical Know-how Fees Not Written off	TechnicalKnowhowFeesNotWrittenoff	1.0
in-gaap	Voluntary Retirement Scheme Not Written off	VoluntaryRetirementSchemeNotWrittenoff	1.0
in-gaap	Other Miscellaneous Expenditure Not Written off	OtherMiscellaneousExpenditureNotWrittenoff	1.0
in-gaap	Profit and Loss Debit Balance	ProfitLossDebitBalance	1.0
in-gaap	Other Assets	OtherAssets	1.0
Extended Link	DetailsofShareholdersFunds		
prefix	label	name	weight
in-gaap	Shareholder's Funds	ShareholdersFunds	0.0
in-gaap	Share Capital	ShareCapital	1.0
in-gaap	Paid up Share Capital	PaidupShareCapital	1.0
in-gaap	Paid up Equity Share Capital	PaidupEquityShareCapital	1.0
in-gaap	Called up Equity Share Capital	CalledupEquityShareCapital	1.0

in-gaap	Calls in Arrears	CallsArrears	-1.0
in-gaap	Calls Unpaid by Directors	CallsUnpaidbyDirectors	1.0
in-gaap	Calls Unpaid by Others	CallsUnpaidbyOthers	1.0
in-gaap	Forfeited Shares	ForfeitedShares	-1.0
in-gaap	Forfeited Shares Reissued	ForfeitedSharesReissued	1.0
in-gaap	Paid up Preference Share Capital	PaidupPreferenceShareCapital	1.0
in-gaap	Cumulative Preference Share Capital	CumulativePreferenceShareCapital	1.0
in-gaap	Noncumulative Preference Share Capital	NoncumulativePreferenceShareCapital	1.0
in-gaap	Convertible Preference Share Capital	ConvertiblePreferenceShareCapital	1.0
in-gaap	Nonconvertible Preference Share Capital	NonconvertiblePreferenceShareCapital	1.0
in-gaap	Other Preference Share Capital	OtherPreferenceShareCapital	1.0
in-gaap	Equity Share Warrants	EquityShareWarrants	1.0
in-gaap	Share Capital Amount Pending Allocation	ShareCapitalAmountPendingAllocation	1.0
in-gaap	Equity Share Capital Pending Allocation	EquityShareCapitalPendingAllocation	1.0
in-gaap	Preference Share Capital Pending Allocation	PreferenceShareCapitalPendingAllocation	1.0
in-gaap	Securities Premium Pending Allocation	SecuritiesPremiumPendingAllocation	1.0
in-gaap	Reserves and Surplus	ReservesSurplus	1.0

in-gaap	Capital Reserve on Consolidation	CapitalReserveConsolidation	1.0
in-gaap	Capital Reserve	CapitalReserve	1.0
in-gaap	Employee Stock Option Reserve	EmployeeStockOptionReserve	1.0
in-gaap	Subsidy and Incentive Reserve	SubsidyIncentiveReserve	1.0
in-gaap	Restructuring Reserve	RestructuringReserve	1.0
in-gaap	Amalgamation Reserve	AmalgamationReserve	1.0
in-gaap	Bond Redemption Reserve	BondRedemptionReserve	1.0
in-gaap	Capital Redemption Reserve	CapitalRedemptionReserve	1.0
in-gaap	Debenture Redemption Reserve	DebentureRedemptionReserve	1.0
in-gaap	Sinking Fund Reserve	SinkingFundReserve	1.0
in-gaap	Securities Premium	SecuritiesPremium	1.0
in-gaap	Revaluation Reserve	RevaluationReserve	1.0
in-gaap	Foreign Exchange Earnings Reserve	ForeignExchangeEarningsReserve	1.0
in-gaap	Foreign Currency Translation Reserve	ForeignCurrencyTranslationReserve	1.0
in-gaap	Contingency Reserve	ContingencyReserve	1.0
in-gaap	Special Reserve	SpecialReserve	1.0
in-gaap	Hedging Reserve	HedgingReserve	1.0

in-gaap	General Reserve	GeneralReserve	1.0
in-gaap	Profit (Loss) Account	ProfitLossAccount	1.0
in-gaap	Other Reserves	OtherReserves	1.0
in-gaap	Share in Reserves of Joint Ventures	ShareReservesJointVentures	1.0
in-gaap	Authorised Share Capital	AuthorisedShareCapital	0.0
in-gaap	Authorised Equity Share Capital	AuthorisedEquityShareCapital	1.0
in-gaap	Authorised Preference Share Capital	AuthorisedPreferenceShareCapital	1.0
in-gaap	Issued and Subscribed Share Capital	IssuedSubscribedShareCapital	0.0
in-gaap	Issued Share Capital	IssuedShareCapital	1.0
in-gaap	Equity Share Capital Issued	EquityShareCapitalIssued	1.0
in-gaap	Preference Share Capital Issued	PreferenceShareCapitalIssued	1.0
in-gaap	Subscribed Share Capital	SubscribedShareCapital	1.0
in-gaap	Equity Share Capital Subscribed	EquityShareCapitalSubscribed	1.0
in-gaap	Preference Share Capital Subscribed	PreferenceShareCapitalSubscribed	1.0
Extended Link	DetailsofLoanFunds		

prefix	label	name	weight
in-gaap	Loan Funds	LoanFunds	0.0
in-gaap	Secured Debt	SecuredDebt	1.0
in-gaap	Fully Convertible Debentures, Secured	FullyConvertibleDebenturesSecured	1.0
in-gaap	Partly Convertible Debentures, Secured	PartlyConvertibleDebenturesSecured	1.0
in-gaap	Nonconvertible Debentures, Secured	NonconvertibleDebenturesSecured	1.0
in-gaap	Debts, Bonds and Other Instruments, Secured	DebtsBondsOtherInstrumentsSecured	1.0
in-gaap	Rupee Term Loans, Secured	RupeeTermLoansSecured	1.0
in-gaap	Rupee Term Loans from Banks, Secured	RupeeTermLoansBanksSecured	1.0
in-gaap	Rupee Term Loans from Financial Institutions, Secured	RupeeTermLoansFinancialInstitutionsSecured	1.0
in-gaap	Rupee Term Loans from Others, Secured	RupeeTermLoansOthersSecured	1.0
in-gaap	Foreign Currency Loans, Secured	ForeignCurrencyLoansSecured	1.0
in-gaap	Foreign Currency Loans from Banks, Secured	ForeignCurrencyLoansBanksSecured	1.0
in-gaap	Foreign Currency Loans from Financial Institutions, Secured	ForeignCurrencyLoansFinancialInstitutionsSecured	1.0
in-gaap	Foreign Currency Loans from Others, Secured	ForeignCurrencyLoansOthersSecured	1.0
in-gaap	Other External Commercial Borrowings, Secured	OtherExternalCommercialBorrowingsSecured	1.0
in-gaap	Working Capital Loans, Secured	WorkingCapitalLoansSecured	1.0

in-gaap	Working Capital Loans from Banks, Secured	WorkingCapitalLoansBanksSecured	1.0
in-gaap	Working Capital Loans from Financial Institutions, Secured	WorkingCapitalLoansFinancialInstitutionsSecured	1.0
in-gaap	Working Capital Loans from Others, Secured	WorkingCapitalLoansOthersSecured	1.0
in-gaap	Loans from Subsidiaries, Secured	LoansSubsidiariesSecured	1.0
in-gaap	Loans from Directors, Secured	LoansDirectorsSecured	1.0
in-gaap	Loans from Managers, Secured	LoansManagersSecured	1.0
in-gaap	Loans taken for Fixed Assets, Secured	LoanstakenforFixedAssetsSecured	1.0
in-gaap	Loans taken on Vehicles, Secured	LoanstakenforVehiclesSecured	1.0
in-gaap	Loans taken on Other Fixed Assets, Secured	LoanstakenforOtherFixedAssetsSecured	1.0
in-gaap	Deposits, Secured	DepositsSecured	1.0
in-gaap	Deposits from Related Parties, Secured	DepositsRelatedPartiesSecured	1.0
in-gaap	Hire Purchase Installment Payable, Secured	HirePurchaseInstallmentPayableSecured	1.0
in-gaap	Deferred Sales Tax Loan, Secured	DeferredSalesTaxLoanSecured	1.0
in-gaap	Other Debt, Secured	OtherDebtSecured	1.0
in-gaap	Interest Accrued and Due on Secured Loans	InterestAccruedDueSecuredLoans	1.0
in-gaap	Share of Secured Loans in Joint Ventures	ShareSecuredLoansJointVentures	1.0
in-gaap	Unsecured Debt	UnsecuredDebt	1.0

in-gaap	Debentures, Unsecured	DebenturesUnsecured	1.0
in-gaap	Fully Convertible Debentures, Unsecured	FullyConvertibleDebenturesUnsecured	1.0
in-gaap	Partly Convertible Debentures, Unsecured	PartlyConvertibleDebenturesUnsecured	1.0
in-gaap	Nonconvertible Debentures, Unsecured	NonconvertibleDebenturesUnsecured	1.0
in-gaap	Debts, Bonds and Other Instruments, Unsecured	DebtsBondsOtherInstrumentsUnsecured	1.0
in-gaap	Rupee Term Loans, Unsecured	RupeeTermLoansUnsecured	1.0
in-gaap	Rupee Term Loans from Banks, Unsecured	RupeeTermLoansBanksUnsecured	1.0
in-gaap	Rupee Term Loans from Financial Institutions, Unsecured	RupeeTermLoansFinancialInstitutionsUnsecured	1.0
in-gaap	Rupee Term Loans from Others, Unsecured	RupeeTermLoansOthersUnsecured	1.0
in-gaap	Foreign Currency Loans, Unsecured	ForeignCurrencyLoansUnsecured	1.0
in-gaap	Foreign Currency Loans from Banks, Unsecured	ForeignCurrencyLoansBanksUnsecured	1.0
in-gaap	Foreign Currency Loans from Financial Institutions, Unsecured	ForeignCurrencyLoansFinancialInstitutionsUnsecured	1.0
in-gaap	Foreign Currency Loans from Others, Unsecured	ForeignCurrencyLoansOthersUnsecured	1.0
in-gaap	Other External Commercial Borrowings, Unsecured	OtherExternalCommercialBorrowingsUnsecured	1.0
in-gaap	Working Capital Loans, Unsecured	WorkingCapitalLoansUnsecured	1.0
in-gaap	Working Capital Loans from Banks, Unsecured	WorkingCapitalLoansBanksUnsecured	1.0
in-gaap	Working Capital Loans from Financial Institutions, Unsecured	WorkingCapitalLoansFinancialInstitutionsUnsecured	1.0

in-gaap	Working Capital Loans from Others, Unsecured	WorkingCapitalLoansOthersUnsecured	1.0
in-gaap	Loans from Subsidiaries, Unsecured	LoansSubsidiariesUnsecured	1.0
in-gaap	Loans from Directors, Unsecured	LoansDirectorsUnsecured	1.0
in-gaap	Loans from Managers, Unsecured	LoansManagersUnsecured	1.0
in-gaap	Loans taken for Fixed Assets, Unsecured	LoanstakenforFixedAssetsUnsecured	1.0
in-gaap	Loans taken on Vehicles, Unsecured	LoanstakenforVehiclesUnsecured	1.0
in-gaap	Loans taken on Other Fixed Assets, Unsecured	LoanstakenforOtherFixedAssetsUnsecured	1.0
in-gaap	Public Deposits, Unsecured	PublicDepositsUnsecured	1.0
in-gaap	Fixed Deposits, Unsecured	FixedDepositsUnsecured	1.0
in-gaap	Deposits from Related Parties, Unsecured	DepositsRelatedPartiesUnsecured	1.0
in-gaap	Hire Purchase Installment Payable, Unsecured	HirePurchaseInstallmentPayableUnsecured	1.0
in-gaap	Deferred Sales Tax Loan, Unsecured	DeferredSalesTaxLoanUnsecured	1.0
in-gaap	Other Debt, Unsecured	OtherDebtUnsecured	1.0
in-gaap	Interest Accrued and Due on Unsecured Loans	InterestAccruedDueUnsecuredLoans	1.0
in-gaap	Share of Unsecured Loans in Joint Ventures	ShareUnsecuredLoansJointVentures	1.0
in-gaap	Finance Lease Obligation, Long-Term	FinanceLeaseObligationLongTerm	1.0

Extended Link	DetailsofFixedAssets		
prefix	label	name	weight
in-gaap	Net Block	NetBlock	0.0
in-gaap	Gross Block	GrossBlock	1.0
in-gaap	Accumulated Depreciation, Amortisation and Impairment	AccumulatedDepreciationAmortisationImpairment	-1.0
in-gaap	Accumulated Depreciation and Amortisation	AccumulatedDepreciationAmortisation	1.0
in-gaap	Accumulated Impairment	AccumulatedImpairment	1.0
in-gaap	Acquired Goodwill, Net	AcquiredGoodwillNet	0.0
in-gaap	Acquired Goodwill, Gross	AcquiredGoodwillGross	1.0
in-gaap	Accumulated Amortisation on Acquired Goodwill	AccumulatedAmortisationAcquiredGoodwill	-1.0
in-gaap	Accumulated Impairment on Acquired Goodwill	AccumulatedImpairmentAcquiredGoodwill	-1.0
in-gaap	Land and Land Improvements, Net	LandLandImprovementsNet	0.0
in-gaap	Land and Land Improvements, Gross	LandLandImprovementsGross	1.0
in-gaap	Accumulated Impairment on Land and Land Improvement	AccumulatedImpairmentLandLandImprovement	-1.0
in-gaap	Land, Net	LandNet	0.0
in-gaap	Land, Gross	LandGross	1.0

in-gaap	Accumulated Impairment on Land	AccumulatedImpairmentLand	-1.0
in-gaap	Lease Hold Land, Net	LeaseHoldLandNet	0.0
in-gaap	Lease Hold Land, Gross	LeaseHoldLandGross	1.0
in-gaap	Accumulated Impairment on Lease Hold Land	AccumulatedImpairmentLeaseHoldLand	-1.0
in-gaap	Free Hold Land, Net	FreeHoldLandNet	0.0
in-gaap	Free Hold Land, Gross	FreeHoldLandGross	1.0
in-gaap	Accumulated Impairment on Free Hold Land	AccumulatedImpairmentFreeHoldLand	-1.0
in-gaap	Land Improvements, Net	LandImprovementsNet	0.0
in-gaap	Land Improvements, Gross	LandImprovementsGross	1.0
in-gaap	Accumulated Depreciation on Land Improvements	AccumulatedDepreciationLandImprovements	-1.0
in-gaap	Accumulated Impairment on Land Improvements	AccumulatedImpairmentLandImprovements	-1.0
in-gaap	Building and Building Improvements, Net	BuildingBuildingImprovementsNet	0.0
in-gaap	Building and Building Improvements, Gross	BuildingBuildingImprovementsGross	1.0
in-gaap	Accumulated Depreciation on Building and Building Improvements	AccumulatedDepreciationBuildingBuildingImprovements	-1.0
in-gaap	Accumulated Impairment on Building and Building Improvements	AccumulatedImpairmentBuildingBuildingImprovements	-1.0
in-gaap	Building, Net	BuildingNet	0.0
in-gaap	Building, Gross	BuildingGross	1.0

in-gaap	Accumulated Depreciation on Building	AccumulatedDepreciationBuilding	-1.0
in-gaap	Accumulated Impairment on Building	AccumulatedImpairmentBuilding	-1.0
in-gaap	Residential Building, Net	ResidentialBuildingNet	0.0
in-gaap	Residential Building, Gross	ResidentialBuildingGross	1.0
in-gaap	Accumulated Depreciation on Residential Building	AccumulatedDepreciationResidentialBuilding	-1.0
in-gaap	Accumulated Impairment on Residential Building	AccumulatedImpairmentResidentialBuilding	-1.0
in-gaap	Office Building, Net	OfficeBuildingNet	0.0
in-gaap	Office Building, Gross	OfficeBuildingGross	1.0
in-gaap	Accumulated Depreciation on Office Building	AccumulatedDepreciationOfficeBuilding	-1.0
in-gaap	Accumulated Impairment on Office Building	AccumulatedImpairmentOfficeBuilding	-1.0
in-gaap	Factory Building, Net	FactoryBuildingNet	0.0
in-gaap	Factory Building, Gross	FactoryBuildingGross	1.0
in-gaap	Accumulated Depreciation on Factory Building	AccumulatedDepreciationFactoryBuilding	-1.0
in-gaap	Accumulated Impairment on Factory Building	AccumulatedImpairmentFactoryBuilding	-1.0
in-gaap	Other Building, Net	OtherBuildingNet	0.0
in-gaap	Other Building, Gross	OtherBuildingGross	1.0
in-gaap	Accumulated Depreciation on Other Building	AccumulatedDepreciationOtherBuilding	-1.0

in-gaap	Accumulated Impairment on Other Building	AccumulatedImpairmentOtherBuilding	-1.0
in-gaap	Building Improvements, Net	BuildingImprovementsNet	0.0
in-gaap	Building Improvements, Gross	BuildingImprovementsGross	1.0
in-gaap	Accumulated Depreciation on Building Improvements	AccumulatedDepreciationBuildingImprovements	-1.0
in-gaap	Accumulated Impairment on Building Improvements	AccumulatedImpairmentBuildingImprovements	-1.0
in-gaap	Leasehold Properties, Net	LeaseholdPropertiesNet	0.0
in-gaap	Leasehold Properties, Gross	LeaseholdPropertiesGross	1.0
in-gaap	Accumulated Depreciation on Leasehold Properties	AccumulatedDepreciationLeaseholdProperties	-1.0
in-gaap	Accumulated Impairment on Leasehold Properties	AccumulatedImpairmentLeaseholdProperties	-1.0
in-gaap	Leasehold Improvements, Net	LeaseholdImprovementsNet	0.0
in-gaap	Leasehold Improvements, Gross	LeaseholdImprovementsGross	1.0
in-gaap	Accumulated Depreciation on Leasehold Improvements	AccumulatedDepreciationLeaseholdImprovements	-1.0
in-gaap	Accumulated Impairment on Leasehold Improvements	AccumulatedImpairmentLeaseholdImprovements	-1.0
in-gaap	Leasehold Building, Net	LeaseholdBuildingNet	0.0
in-gaap	Leasehold Building, Gross	LeaseholdBuildingGross	1.0
in-gaap	Accumulated Depreciation on Leasehold Building	AccumulatedDepreciationLeaseholdBuilding	-1.0
in-gaap	Accumulated Impairment on Leasehold Building	AccumulatedImpairmentLeaseholdBuilding	-1.0

in-gaap	Leasehold Plant and Machinery, Net	LeaseholdPlantMachineryNet	0.0
in-gaap	Leasehold Plant and Machinery, Gross	LeaseholdPlantMachineryGross	1.0
in-gaap	Accumulated Depreciation on Leasehold Plant and Machinery	AccumulatedDepreciationLeaseholdPlantMachinery	-1.0
in-gaap	Accumulated Impairment on Leasehold Plant and Machinery	AccumulatedImpairmentLeaseholdPlantMachinery	-1.0
in-gaap	Leasehold Equipments, Net	LeaseholdEquipmentsNet	0.0
in-gaap	Leasehold Equipments, Gross	LeaseholdEquipmentsGross	1.0
in-gaap	Accumulated Depreciation on Leasehold Equipments	AccumulatedDepreciationLeaseholdEquipments	-1.0
in-gaap	Accumulated Impairment on Leasehold Equipments	AccumulatedImpairmentLeaseholdEquipments	-1.0
in-gaap	Leasehold Vehicles, Net	LeaseholdVehiclesNet	0.0
in-gaap	Leasehold Vehicles, Gross	LeaseholdVehiclesGross	1.0
in-gaap	Accumulated Depreciation on Leasehold Vehicles	AccumulatedDepreciationLeaseholdVehicles	-1.0
in-gaap	Accumulated Impairment on Leasehold Vehicles	AccumulatedImpairmentLeaseholdVehicles	-1.0
in-gaap	Leasehold Other Assets, Net	LeaseholdOtherAssetsNet	0.0
in-gaap	Leasehold Other Assets, Gross	LeaseholdOtherAssetsGross	1.0
in-gaap	Accumulated Depreciation on Leasehold Other Assets	AccumulatedDepreciationLeaseholdOtherAssets	-1.0
in-gaap	Accumulated Impairment on Leasehold Other Assets	AccumulatedImpairmentLeaseholdOtherAssets	-1.0
in-gaap	Assets on Financial Lease, Net	AssetsFinancialLeaseNet	0.0

in-gaap	Assets on Financial Lease, Gross	AssetsFinancialLeaseGross	1.0
in-gaap	Accumulated Depreciation and Amortisation on Assets on Financial Lease	AccumulatedDepreciationAmortisationAssetsFinancialLease	-1.0
in-gaap	Accumulated Impairment on Assets on Financial Lease	AccumulatedImpairmentAssetsFinancialLease	-1.0
in-gaap	Railway Sidings, Net	RailwaySidingsNet	0.0
in-gaap	Railway Sidings, Gross	RailwaySidingsGross	1.0
in-gaap	Accumulated Depreciation on Railway Sidings	AccumulatedDepreciationRailwaySidings	-1.0
in-gaap	Accumulated Impairment on Railway Sidings	AccumulatedImpairmentRailwaySidings	-1.0
in-gaap	Plant and Machinery, Net	PlantMachineryNet	0.0
in-gaap	Plant and Machinery, Gross	PlantMachineryGross	1.0
in-gaap	Accumulated Depreciation on Plant and Machinery	AccumulatedDepreciationPlantMachinery	-1.0
in-gaap	Accumulated Impairment on Plant and Machinery	AccumulatedImpairmentPlantMachinery	-1.0
in-gaap	Furniture and Fixtures, Net	FurnitureFixturesNet	0.0
in-gaap	Furniture and Fixtures, Gross	FurnitureFixturesGross	1.0
in-gaap	Accumulated Depreciation on Furniture and Fixtures	AccumulatedDepreciationFurnitureFixtures	-1.0
in-gaap	Accumulated Impairment on Furniture and Fixtures	AccumulatedImpairmentFurnitureFixtures	-1.0
in-gaap	Patents, Trademarks and Design, Net	PatentsTrademarksDesignNet	0.0
in-gaap	Patents, Trademarks and Design, Gross	PatentsTrademarksDesignGross	1.0

in-gaap	Accumulated Amortisation on Patents, Trademarks and Designs	AccumulatedAmortisationPatentsTrademarksDesign	-1.0
in-gaap	Accumulated Impairment on Patents, Trademarks and Designs	AccumulatedImpairmentPatentsTrademarksDesign	-1.0
in-gaap	Livestock, Net	LivestockNet	0.0
in-gaap	Livestock, Gross	LivestockGross	1.0
in-gaap	Accumulated Impairment on Livestock	AccumulatedImpairmentLivestock	-1.0
in-gaap	Vehicles, Net	VehiclesNet	0.0
in-gaap	Vehicles, Gross	VehiclesGross	1.0
in-gaap	Accumulated Depreciation on Vehicles	AccumulatedDepreciationVehicles	-1.0
in-gaap	Accumulated Impairment on Vehicles	AccumulatedImpairmentVehicles	-1.0
in-gaap	Ships and Vessels, Net	ShipsVesselsNet	0.0
in-gaap	Ships and Vessels, Gross	ShipsVesselsGross	1.0
in-gaap	Accumulated Depreciation on Ships and Vessels	AccumulatedDepreciationShipsVessels	-1.0
in-gaap	Accumulated Impairment on Ships and Vessels	AccumulatedImpairmentShipsVessels	-1.0
in-gaap	Aircrafts and Helicopters, Net	AircraftsHelicoptersNet	0.0
in-gaap	Aircrafts and Helicopters, Gross	AircraftsHelicoptersGross	1.0
in-gaap	Accumulated Depreciation on Aircrafts and Helicopters	AccumulatedDepreciationAircraftsHelicopters	-1.0
in-gaap	Accumulated Impairment on Aircrafts and Helicopters	AccumulatedImpairmentAircraftsHelicopters	-1.0

in-gaap	Motor Vehicles, Net	MotorVehiclesNet	0.0
in-gaap	Motor Vehicles, Gross	MotorVehiclesGross	1.0
in-gaap	Accumulated Depreciation on Motor Vehicles	AccumulatedDepreciationMotorVehicles	-1.0
in-gaap	Accumulated Impairment on Motor Vehicles	AccumulatedImpairmentMotorVehicles	-1.0
in-gaap	Other Fixed Assets, Net	OtherFixedAssetsNet	0.0
in-gaap	Other Fixed Assets, Gross	OtherFixedAssetsGross	1.0
in-gaap	Accumulated Depreciation on Other Fixed Assets	AccumulatedDepreciationOtherFixedAssets	-1.0
in-gaap	Accumulated Impairment on Other Fixed Assets	AccumulatedImpairmentOtherFixedAssets	-1.0
in-gaap	Tangible Assets, Net	TangibleAssetsNet	0.0
in-gaap	Tangible Assets, Gross	TangibleAssetsGross	1.0
in-gaap	Accumulated Depreciation on Tangible Assets	AccumulatedDepreciationTangibleAssets	-1.0
in-gaap	Accumulated Impairment on Tangible Assets	AccumulatedImpairmentTangibleAssets	-1.0
in-gaap	Equipments, Net	EquipmentsNet	0.0
in-gaap	Equipments, Gross	EquipmentsGross	1.0
in-gaap	Accumulated Depreciation on Equipments	AccumulatedDepreciationEquipments	-1.0
in-gaap	Accumulated Impairment on Equipments	AccumulatedImpairmentEquipments	-1.0
in-gaap	Office Equipments, Net	OfficeEquipmentsNet	0.0

in-gaap	Office Equipments, Gross	OfficeEquipmentsGross	1.0
in-gaap	Accumulated Depreciation on Office Equipments	AccumulatedDepreciationOfficeEquipments	-1.0
in-gaap	Accumulated Impairment on Office Equipments	AccumulatedImpairmentOfficeEquipments	-1.0
in-gaap	Factory Equipments, Net	FactoryEquipmentsNet	0.0
in-gaap	Factory Equipments, Gross	FactoryEquipmentsGross	1.0
in-gaap	Accumulated Depreciation on Factory Equipments	AccumulatedDepreciationFactoryEquipments	-1.0
in-gaap	Accumulated Impairment on Factory Equipments	AccumulatedImpairmentFactoryEquipments	-1.0
in-gaap	Computer Equipments, Net	ComputerEquipmentsNet	0.0
in-gaap	Computer Equipments, Gross	ComputerEquipmentsGross	1.0
in-gaap	Accumulated Depreciation on Computer Equipments	AccumulatedDepreciationComputerEquipments	-1.0
in-gaap	Accumulated Impairment on Computer Equipments	AccumulatedImpairmentComputerEquipments	-1.0
in-gaap	Other Equipments, Net	OtherEquipmentsNet	0.0
in-gaap	Other Equipments, Gross	OtherEquipmentsGross	1.0
in-gaap	Accumulated Depreciation on Other Equipments	AccumulatedDepreciationOtherEquipments	-1.0
in-gaap	Accumulated Impairment on Other Equipments	AccumulatedImpairmentOtherEquipments	-1.0
in-gaap	Bridges, Roads, Ports and Culverts, Net	BridgesRoadsPortsCulvertsNet	0.0
in-gaap	Bridges, Roads, Ports and Culverts, Gross	BridgesRoadsPortsCulvertsGross	1.0

in-gaap	Accumulated Depreciation on Bridges, Roads, Ports and Culverts	AccumulatedDepreciationBridgesRoadsPortsCulverts	-1.0
in-gaap	Accumulated Impairment on Bridges, Roads, Ports and Culverts	AccumulatedImpairmentBridgesRoadsPortsCulverts	-1.0
in-gaap	Books and Periodicals, Net	BooksPeriodicalsNet	0.0
in-gaap	Books and Periodicals, Gross	BooksPeriodicalsGross	1.0
in-gaap	Accumulated Depreciation on Books and Periodicals	AccumulatedDepreciationBooksPeriodicals	-1.0
in-gaap	Accumulated Impairment on Books and Periodicals	AccumulatedImpairmentBooksPeriodicals	-1.0
in-gaap	Plantations, Net	PlantationsNet	0.0
in-gaap	Plantations, Gross	PlantationsGross	1.0
in-gaap	Accumulated Depreciation on Plantations	AccumulatedDepreciationPlantations	-1.0
in-gaap	Accumulated Impairment on Plantations	AccumulatedImpairmentPlantations	-1.0
in-gaap	Mines and Quarries, Net	MinesQuarriesNet	0.0
in-gaap	Mines and Quarries, Gross	MinesQuarriesGross	1.0
in-gaap	Accumulated Depreciation on Mines and Quarries	AccumulatedDepreciationMinesQuarries	-1.0
in-gaap	Accumulated Impairment on Mines and Quarries	AccumulatedImpairmentMinesQuarries	-1.0
in-gaap	Intangible Assets, Net	IntangibleAssetsNet	0.0
in-gaap	Intangible Assets, Gross	IntangibleAssetsGross	1.0
in-gaap	Accumulated Amortisation on Intangible Assets	AccumulatedAmortisationIntangibleAssets	-1.0

in-gaap	Accumulated Impairment on Intangible Assets	AccumulatedImpairmentIntangibleAssets	-1.0
in-gaap	Know-how, Net	KnowhowNet	0.0
in-gaap	Know-how, Gross	KnowhowGross	1.0
in-gaap	Accumulated Amortisation on Know-how	AccumulatedAmortisationKnowhow	-1.0
in-gaap	Accumulated Impairment on Know-how	AccumulatedImpairmentKnowhow	-1.0
in-gaap	Computer Software, Net	ComputerSoftwareNet	0.0
in-gaap	Computer Software, Gross	ComputerSoftwareGross	1.0
in-gaap	Accumulated Amortisation on Computer Software	AccumulatedAmortisationComputerSoftware	-1.0
in-gaap	Accumulated Impairment on Computer Software	AccumulatedImpairmentComputerSoftware	-1.0
in-gaap	Commercial and Contractual Rights, Net	CommercialContractualRightsNet	0.0
in-gaap	Commercial and Contractual Rights, Gross	CommercialContractualRightsGross	1.0
in-gaap	Accumulated Amortisation on Commercial and Contractual Rights	AccumulatedAmortisationCommercialContractualRights	-1.0
in-gaap	Accumulated Impairment on Commercial and Contractual Rights	AccumulatedImpairmentCommercialContractualRights	-1.0
in-gaap	Licenses, Net	LicensesNet	0.0
in-gaap	Licenses, Gross	LicensesGross	1.0
in-gaap	Accumulated Amortisation on Licenses	AccumulatedAmortisationLicenses	-1.0
in-gaap	Accumulated Impairment on Licenses	AccumulatedImpairmentLicenses	-1.0

in-gaap	Development Cost, Net	DevelopmentCostNet	0.0
in-gaap	Development Cost, Gross	DevelopmentCostGross	1.0
in-gaap	Accumulated Amortisation on Development Cost	AccumulatedAmortisationDevelopmentCost	-1.0
in-gaap	Accumulated Impairment on Development Cost	AccumulatedImpairmentDevelopmentCost	-1.0
in-gaap	Other Intangible Assets, Net	OtherIntangibleAssetsNet	0.0
in-gaap	Other Intangible Assets, Gross	OtherIntangibleAssetsGross	1.0
in-gaap	Accumulated Amortisation on Other Intangible Assets	AccumulatedAmortisationOtherIntangibleAssets	-1.0
in-gaap	Accumulated Impairment on Other Intangible Assets	AccumulatedImpairmentOtherIntangibleAssets	-1.0
Extended Link	NetGrossClassification		
prefix	label	name	weight
in-gaap	Net Block	NetBlock	0.0
in-gaap	Tangible Assets, Net	TangibleAssetsNet	1.0
in-gaap	Land and Land Improvements, Net	LandLandImprovementsNet	1.0
in-gaap	Land, Net	LandNet	1.0
in-gaap	Lease Hold Land, Net	LeaseHoldLandNet	1.0

in-gaap	Free Hold Land, Net	FreeHoldLandNet	1.0
in-gaap	Land Improvements, Net	LandImprovementsNet	1.0
in-gaap	Building and Building Improvements, Net	BuildingBuildingImprovementsNet	1.0
in-gaap	Building, Net	BuildingNet	1.0
in-gaap	Residential Building, Net	ResidentialBuildingNet	1.0
in-gaap	Office Building, Net	OfficeBuildingNet	1.0
in-gaap	Factory Building, Net	FactoryBuildingNet	1.0
in-gaap	Other Building, Net	OtherBuildingNet	1.0
in-gaap	Building Improvements, Net	BuildingImprovementsNet	1.0
in-gaap	Plant and Machinery, Net	PlantMachineryNet	1.0
in-gaap	Equipments, Net	EquipmentsNet	1.0
in-gaap	Office Equipments, Net	OfficeEquipmentsNet	1.0
in-gaap	Factory Equipments, Net	FactoryEquipmentsNet	1.0
in-gaap	Computer Equipments, Net	ComputerEquipmentsNet	1.0
in-gaap	Other Equipments, Net	OtherEquipmentsNet	1.0
in-gaap	Furniture and Fixtures, Net	FurnitureFixturesNet	1.0
in-gaap	Vehicles, Net	VehiclesNet	1.0

in-gaap	Ships and Vessels, Net	ShipsVesselsNet	1.0
in-gaap	Aircrafts and Helicopters, Net	AircraftsHelicoptersNet	1.0
in-gaap	Motor Vehicles, Net	MotorVehiclesNet	1.0
in-gaap	Leasehold Properties, Net	LeaseholdPropertiesNet	1.0
in-gaap	Leasehold Improvements, Net	LeaseholdImprovementsNet	1.0
in-gaap	Leasehold Building, Net	LeaseholdBuildingNet	1.0
in-gaap	Leasehold Plant and Machinery, Net	LeaseholdPlantMachineryNet	1.0
in-gaap	Leasehold Equipments, Net	LeaseholdEquipmentsNet	1.0
in-gaap	Leasehold Vehicles, Net	LeaseholdVehiclesNet	1.0
in-gaap	Leasehold Other Assets, Net	LeaseholdOtherAssetsNet	1.0
in-gaap	Livestock, Net	LivestockNet	1.0
in-gaap	Bridges, Roads, Ports and Culverts, Net	BridgesRoadsPortsCulvertsNet	1.0
in-gaap	Railway Sidings, Net	RailwaySidingsNet	1.0
in-gaap	Books and Periodicals, Net	BooksPeriodicalsNet	1.0
in-gaap	Plantations, Net	PlantationsNet	1.0
in-gaap	Mines and Quarries, Net	MinesQuarriesNet	1.0
in-gaap	Other Fixed Assets, Net	OtherFixedAssetsNet	1.0

in-gaap	Intangible Assets, Net	IntangibleAssetsNet	1.0
in-gaap	Acquired Goodwill, Net	AcquiredGoodwillNet	1.0
in-gaap	Know-how, Net	KnowhowNet	1.0
in-gaap	Computer Software, Net	ComputerSoftwareNet	1.0
in-gaap	Patents, Trademarks and Design, Net	PatentsTrademarksDesignNet	1.0
in-gaap	Commercial and Contractual Rights, Net	CommercialContractualRightsNet	1.0
in-gaap	Licenses, Net	LicensesNet	1.0
in-gaap	Development Cost, Net	DevelopmentCostNet	1.0
in-gaap	Other Intangible Assets, Net	OtherIntangibleAssetsNet	1.0
in-gaap	Assets on Financial Lease, Net	AssetsFinancialLeaseNet	1.0
in-gaap	Gross Block	GrossBlock	0.0
in-gaap	Tangible Assets, Gross	TangibleAssetsGross	1.0
in-gaap	Land and Land Improvements, Gross	LandLandImprovementsGross	1.0
in-gaap	Land, Gross	LandGross	1.0
in-gaap	Lease Hold Land, Gross	LeaseHoldLandGross	1.0
in-gaap	Free Hold Land, Gross	FreeHoldLandGross	1.0
in-gaap	Land Improvements, Gross	LandImprovementsGross	1.0

in-gaap	Building and Building Improvements, Gross	BuildingBuildingImprovementsGross	1.0
in-gaap	Building, Gross	BuildingGross	1.0
in-gaap	Residential Building, Gross	ResidentialBuildingGross	1.0
in-gaap	Office Building, Gross	OfficeBuildingGross	1.0
in-gaap	Factory Building, Gross	FactoryBuildingGross	1.0
in-gaap	Other Building, Gross	OtherBuildingGross	1.0
in-gaap	Building Improvements, Gross	BuildingImprovementsGross	1.0
in-gaap	Plant and Machinery, Gross	PlantMachineryGross	1.0
in-gaap	Equipments, Gross	EquipmentsGross	1.0
in-gaap	Office Equipments, Gross	OfficeEquipmentsGross	1.0
in-gaap	Factory Equipments, Gross	FactoryEquipmentsGross	1.0
in-gaap	Computer Equipments, Gross	ComputerEquipmentsGross	1.0
in-gaap	Other Equipments, Gross	OtherEquipmentsGross	1.0
in-gaap	Furniture and Fixtures, Gross	FurnitureFixturesGross	1.0
in-gaap	Vehicles, Gross	VehiclesGross	1.0
in-gaap	Ships and Vessels, Gross	ShipsVesselsGross	1.0
in-gaap	Aircrafts and Helicopters, Gross	AircraftsHelicoptersGross	1.0

in-gaap	Motor Vehicles, Gross	MotorVehiclesGross	1.0
in-gaap	Leasehold Properties, Gross	LeaseholdPropertiesGross	1.0
in-gaap	Leasehold Improvements, Gross	LeaseholdImprovementsGross	1.0
in-gaap	Leasehold Building, Gross	LeaseholdBuildingGross	1.0
in-gaap	Leasehold Plant and Machinery, Gross	LeaseholdPlantMachineryGross	1.0
in-gaap	Leasehold Equipments, Gross	LeaseholdEquipmentsGross	1.0
in-gaap	Leasehold Vehicles, Gross	LeaseholdVehiclesGross	1.0
in-gaap	Leasehold Other Assets, Gross	LeaseholdOtherAssetsGross	1.0
in-gaap	Livestock, Gross	LivestockGross	1.0
in-gaap	Bridges, Roads, Ports and Culverts, Gross	BridgesRoadsPortsCulvertsGross	1.0
in-gaap	Railway Sidings, Gross	RailwaySidingsGross	1.0
in-gaap	Books and Periodicals, Gross	BooksPeriodicalsGross	1.0
in-gaap	Plantations, Gross	PlantationsGross	1.0
in-gaap	Mines and Quarries, Gross	MinesQuarriesGross	1.0
in-gaap	Other Fixed Assets, Gross	OtherFixedAssetsGross	1.0
in-gaap	Intangible Assets, Gross	IntangibleAssetsGross	1.0
in-gaap	Acquired Goodwill, Gross	AcquiredGoodwillGross	1.0

in-gaap	Know-how, Gross	KnowhowGross	1.0
in-gaap	Computer Software, Gross	ComputerSoftwareGross	1.0
in-gaap	Patents, Trademarks and Design, Gross	PatentsTrademarksDesignGross	1.0
in-gaap	Commercial and Contractual Rights, Gross	CommercialContractualRightsGross	1.0
in-gaap	Licenses, Gross	LicensesGross	1.0
in-gaap	Development Cost, Gross	DevelopmentCostGross	1.0
in-gaap	Other Intangible Assets, Gross	OtherIntangibleAssetsGross	1.0
in-gaap	Assets on Financial Lease, Gross	AssetsFinancialLeaseGross	1.0
in-gaap	Accumulated Depreciation, Amortisation and Impairment	AccumulatedDepreciationAmortisationImpairment	0.0
in-gaap	Accumulated Depreciation and Amortisation	AccumulatedDepreciationAmortisation	1.0
in-gaap	Accumulated Depreciation on Tangible Assets	AccumulatedDepreciationTangibleAssets	1.0
in-gaap	Accumulated Depreciation on Land Improvements	AccumulatedDepreciationLandImprovements	1.0
in-gaap	Accumulated Depreciation on Building and Building Improvements	AccumulatedDepreciationBuildingBuildingImprovements	1.0
in-gaap	Accumulated Depreciation on Building	AccumulatedDepreciationBuilding	1.0
in-gaap	Accumulated Depreciation on Residential Building	AccumulatedDepreciationResidentialBuilding	1.0
in-gaap	Accumulated Depreciation on Office Building	AccumulatedDepreciationOfficeBuilding	1.0
in-gaap	Accumulated Depreciation on Factory Building	AccumulatedDepreciationFactoryBuilding	1.0

in-gaap	Accumulated Depreciation on Other Building	AccumulatedDepreciationOtherBuilding	1.0
in-gaap	Accumulated Depreciation on Building Improvements	AccumulatedDepreciationBuildingImprovements	1.0
in-gaap	Accumulated Depreciation on Plant and Machinery	AccumulatedDepreciationPlantMachinery	1.0
in-gaap	Accumulated Depreciation on Equipments	AccumulatedDepreciationEquipments	1.0
in-gaap	Accumulated Depreciation on Office Equipments	AccumulatedDepreciationOfficeEquipments	1.0
in-gaap	Accumulated Depreciation on Factory Equipments	AccumulatedDepreciationFactoryEquipments	1.0
in-gaap	Accumulated Depreciation on Computer Equipments	AccumulatedDepreciationComputerEquipments	1.0
in-gaap	Accumulated Depreciation on Other Equipments	AccumulatedDepreciationOtherEquipments	1.0
in-gaap	Accumulated Depreciation on Furniture and Fixtures	AccumulatedDepreciationFurnitureFixtures	1.0
in-gaap	Accumulated Depreciation on Vehicles	AccumulatedDepreciationVehicles	1.0
in-gaap	Accumulated Depreciation on Ships and Vessels	AccumulatedDepreciationShipsVessels	1.0
in-gaap	Accumulated Depreciation on Aircrafts and Helicopters	AccumulatedDepreciationAircraftsHelicopters	1.0
in-gaap	Accumulated Depreciation on Motor Vehicles	AccumulatedDepreciationMotorVehicles	1.0
in-gaap	Accumulated Depreciation on Leasehold Properties	AccumulatedDepreciationLeaseholdProperties	1.0
in-gaap	Accumulated Depreciation on Leasehold Improvements	AccumulatedDepreciationLeaseholdImprovements	1.0
in-gaap	Accumulated Depreciation on Leasehold Building	AccumulatedDepreciationLeaseholdBuilding	1.0
in-gaap	Accumulated Depreciation on Leasehold Plant and Machinery	AccumulatedDepreciationLeaseholdPlantMachinery	1.0

in-gaap	Accumulated Depreciation on Leasehold Equipments	AccumulatedDepreciationLeaseholdEquipments	1.0
in-gaap	Accumulated Depreciation on Leasehold Vehicles	AccumulatedDepreciationLeaseholdVehicles	1.0
in-gaap	Accumulated Depreciation on Leasehold Other Assets	AccumulatedDepreciationLeaseholdOtherAssets	1.0
in-gaap	Accumulated Depreciation on Bridges, Roads, Ports and Culverts	AccumulatedDepreciationBridgesRoadsPortsCulverts	1.0
in-gaap	Accumulated Depreciation on Railway Sidings	AccumulatedDepreciationRailwaySidings	1.0
in-gaap	Accumulated Depreciation on Books and Periodicals	AccumulatedDepreciationBooksPeriodicals	1.0
in-gaap	Accumulated Depreciation on Plantations	AccumulatedDepreciationPlantations	1.0
in-gaap	Accumulated Depreciation on Mines and Quarries	AccumulatedDepreciationMinesQuarries	1.0
in-gaap	Accumulated Depreciation on Other Fixed Assets	AccumulatedDepreciationOtherFixedAssets	1.0
in-gaap	Accumulated Amortisation on Intangible Assets	AccumulatedAmortisationIntangibleAssets	1.0
in-gaap	Accumulated Amortisation on Acquired Goodwill	AccumulatedAmortisationAcquiredGoodwill	1.0
in-gaap	Accumulated Amortisation on Know-how	AccumulatedAmortisationKnowhow	1.0
in-gaap	Accumulated Amortisation on Computer Software	AccumulatedAmortisationComputerSoftware	1.0
in-gaap	Accumulated Amortisation on Patents, Trademarks and Designs	AccumulatedAmortisationPatentsTrademarksDesign	1.0
in-gaap	Accumulated Amortisation on Commercial and Contractual Rights	AccumulatedAmortisationCommercialContractualRights	1.0
in-gaap	Accumulated Amortisation on Licenses	AccumulatedAmortisationLicenses	1.0
in-gaap	Accumulated Amortisation on Development Cost	AccumulatedAmortisationDevelopmentCost	1.0

in-gaap	Accumulated Amortisation on Other Intangible Assets	AccumulatedAmortisationOtherIntangibleAssets	1.0
in-gaap	Accumulated Depreciation and Amortisation on Assets on Financial Lease	AccumulatedDepreciationAmortisationAssetsFinancialLease	1.0
in-gaap	Accumulated Impairment	AccumulatedImpairment	1.0
in-gaap	Accumulated Impairment on Tangible Assets	AccumulatedImpairmentTangibleAssets	1.0
in-gaap	Accumulated Impairment on Land and Land Improvement	AccumulatedImpairmentLandLandImprovement	1.0
in-gaap	Accumulated Impairment on Land	AccumulatedImpairmentLand	1.0
in-gaap	Accumulated Impairment on Lease Hold Land	AccumulatedImpairmentLeaseHoldLand	1.0
in-gaap	Accumulated Impairment on Free Hold Land	AccumulatedImpairmentFreeHoldLand	1.0
in-gaap	Accumulated Impairment on Land Improvements	AccumulatedImpairmentLandImprovements	1.0
in-gaap	Accumulated Impairment on Building and Building Improvements	AccumulatedImpairmentBuildingBuildingImprovements	1.0
in-gaap	Accumulated Impairment on Building	AccumulatedImpairmentBuilding	1.0
in-gaap	Accumulated Impairment on Residential Building	AccumulatedImpairmentResidentialBuilding	1.0
in-gaap	Accumulated Impairment on Office Building	AccumulatedImpairmentOfficeBuilding	1.0
in-gaap	Accumulated Impairment on Factory Building	AccumulatedImpairmentFactoryBuilding	1.0
in-gaap	Accumulated Impairment on Other Building	AccumulatedImpairmentOtherBuilding	1.0
in-gaap	Accumulated Impairment on Building Improvements	AccumulatedImpairmentBuildingImprovements	1.0
in-gaap	Accumulated Impairment on Plant and Machinery	AccumulatedImpairmentPlantMachinery	1.0

in-gaap	Accumulated Impairment on Equipments	AccumulatedImpairmentEquipments	1.0
in-gaap	Accumulated Impairment on Office Equipments	AccumulatedImpairmentOfficeEquipments	1.0
in-gaap	Accumulated Impairment on Factory Equipments	AccumulatedImpairmentFactoryEquipments	1.0
in-gaap	Accumulated Impairment on Computer Equipments	AccumulatedImpairmentComputerEquipments	1.0
in-gaap	Accumulated Impairment on Other Equipments	AccumulatedImpairmentOtherEquipments	1.0
in-gaap	Accumulated Impairment on Furniture and Fixtures	AccumulatedImpairmentFurnitureFixtures	1.0
in-gaap	Accumulated Impairment on Vehicles	AccumulatedImpairmentVehicles	1.0
in-gaap	Accumulated Impairment on Ships and Vessels	AccumulatedImpairmentShipsVessels	1.0
in-gaap	Accumulated Impairment on Aircrafts and Helicopters	AccumulatedImpairmentAircraftsHelicopters	1.0
in-gaap	Accumulated Impairment on Motor Vehicles	AccumulatedImpairmentMotorVehicles	1.0
in-gaap	Accumulated Impairment on Leasehold Properties	AccumulatedImpairmentLeaseholdProperties	1.0
in-gaap	Accumulated Impairment on Leasehold Improvements	AccumulatedImpairmentLeaseholdImprovements	1.0
in-gaap	Accumulated Impairment on Leasehold Building	AccumulatedImpairmentLeaseholdBuilding	1.0
in-gaap	Accumulated Impairment on Leasehold Plant and Machinery	AccumulatedImpairmentLeaseholdPlantMachinery	1.0
in-gaap	Accumulated Impairment on Leasehold Equipments	AccumulatedImpairmentLeaseholdEquipments	1.0
in-gaap	Accumulated Impairment on Leasehold Vehicles	AccumulatedImpairmentLeaseholdVehicles	1.0
in-gaap	Accumulated Impairment on Leasehold Other Assets	AccumulatedImpairmentLeaseholdOtherAssets	1.0

in-gaap	Accumulated Impairment on Livestock	AccumulatedImpairmentLivestock	1.0
in-gaap	Accumulated Impairment on Bridges, Roads, Ports and Culverts	AccumulatedImpairmentBridgesRoadsPortsCulverts	1.0
in-gaap	Accumulated Impairment on Railway Sidings	AccumulatedImpairmentRailwaySidings	1.0
in-gaap	Accumulated Impairment on Books and Periodicals	AccumulatedImpairmentBooksPeriodicals	1.0
in-gaap	Accumulated Impairment on Plantations	AccumulatedImpairmentPlantations	1.0
in-gaap	Accumulated Impairment on Mines and Quarries	AccumulatedImpairmentMinesQuarries	1.0
in-gaap	Accumulated Impairment on Other Fixed Assets	AccumulatedImpairmentOtherFixedAssets	1.0
in-gaap	Accumulated Impairment on Intangible Assets	AccumulatedImpairmentIntangibleAssets	1.0
in-gaap	Accumulated Impairment on Acquired Goodwill	AccumulatedImpairmentAcquiredGoodwill	1.0
in-gaap	Accumulated Impairment on Know-how	AccumulatedImpairmentKnowhow	1.0
in-gaap	Accumulated Impairment on Computer Software	AccumulatedImpairmentComputerSoftware	1.0
in-gaap	Accumulated Impairment on Patents, Trademarks and Design	AccumulatedImpairmentPatentsTrademarksDesign	1.0
in-gaap	Accumulated Impairment on Commercial and Contractual Rights	AccumulatedImpairmentCommercialContractualRights	1.0
in-gaap	Accumulated Impairment on Licenses	AccumulatedImpairmentLicenses	1.0
in-gaap	Accumulated Impairment on Development Cost	AccumulatedImpairmentDevelopmentCost	1.0
in-gaap	Accumulated Impairment on Other Intangible Assets	AccumulatedImpairmentOtherIntangibleAssets	1.0
in-gaap	Accumulated Impairment on Assets on Financial Lease	AccumulatedImpairmentAssetsFinancialLease	1.0

in-gaap	Capital Work-in-Progress, Net	CapitalWorkinProgressNet	0.0
in-gaap	Tangible Assets Work-in-Progress, Net	TangibleAssetsWorkinProgressNet	1.0
in-gaap	Intangible Assets Work-in-Progress, Net	IntangibleAssetsWorkinProgressNet	1.0
in-gaap	Capital Advances, Net	CapitalAdvancesNet	1.0
in-gaap	Capital Goods in Transit, Net	CapitalGoodsTransitNet	1.0
in-gaap	Other Capital Work-in-Progress, Net	OtherCapitalWorkinProgressNet	1.0
Extended Link	DetailsofInvestments		
prefix	label	name	weight
in-gaap	Investments, Net	InvestmentsNet	0.0
in-gaap	Current and Long-Term Investments	CurrentLongTermInvestments	1.0
in-gaap	Long-Term Investments	LongTermInvestments	1.0
in-gaap	Government Securities and Local Authorities, Long-Term	GovernmentSecuritiesLocalAuthoritiesLongTerm	1.0
in-gaap	Government Securities and Local Authorities, Long-Term, Quoted	GovernmentSecuritiesLocalAuthoritiesLongTermQuoted	1.0
in-gaap	Government Securities and Local Authorities, Long-Term, Quoted, Trade	GovernmentSecuritiesLocalAuthoritiesLongTermQuotedTrade	1.0
in-gaap	Government Securities and Local Authorities, Long-Term, Quoted, Nontrade	GovernmentSecuritiesLocalAuthoritiesLongTermQuotedNontrade	1.0

in-gaap	Government Securities and Local Authorities, Long-Term, Unquoted	GovernmentSecuritiesLocalAuthoritiesLongTermUnquoted	1.0
in-gaap	Government Securities and Local Authorities, Long-Term, Unquoted, Trade	GovernmentSecuritiesLocalAuthoritiesLongTermUnquotedTrade	1.0
in-gaap	Government Securities and Local Authorities, Long-Term, Unquoted, Nontrade	GovernmentSecuritiesLocalAuthoritiesLongTermUnquotedNontrade	1.0
in-gaap	Debt Securities, Long-Term	DebtSecuritiesLongTerm	1.0
in-gaap	Debt Securities, Long-Term, Quoted	DebtSecuritiesLongTermQuoted	1.0
in-gaap	Debt Securities, Long-Term, Quoted, Trade	DebtSecuritiesLongTermQuotedTrade	1.0
in-gaap	Debt Securities, Long-Term, Quoted, Nontrade	DebtSecuritiesLongTermQuotedNontrade	1.0
in-gaap	Debt Securities, Long-Term, Unquoted	DebtSecuritiesLongTermUnquoted	1.0
in-gaap	Debt Securities, Long-Term, Unquoted, Trade	DebtSecuritiesLongTermUnquotedTrade	1.0
in-gaap	Debt Securities, Long-Term, Unquoted, Nontrade	DebtSecuritiesLongTermUnquotedNontrade	1.0
in-gaap	Equity Securities, Long-Term	EquitySecuritiesLongTerm	1.0
in-gaap	Equity Securities, Long-Term, Quoted	EquitySecuritiesLongTermQuoted	1.0
in-gaap	Equity Securities, Long-Term, Quoted, Trade	EquitySecuritiesLongTermQuotedTrade	1.0
in-gaap	Equity Securities, Long-Term, Quoted, Nontrade	EquitySecuritiesLongTermQuotedNontrade	1.0
in-gaap	Equity Securities, Long-Term, Unquoted	EquitySecuritiesLongTermUnquoted	1.0
in-gaap	Equity Securities, Long-Term, Unquoted, Trade	EquitySecuritiesLongTermUnquotedTrade	1.0
in-gaap	Equity Securities, Long-Term, Unquoted, Nontrade	EquitySecuritiesLongTermUnquotedNontrade	1.0

in-gaap	Mutual Funds, Long-Term	MutualFundsLongTerm	1.0
in-gaap	Mutual Funds, Long-Term, Trade	MutualFundsLongTermTrade	1.0
in-gaap	Mutual Funds, Long-Term, Nontrade	MutualFundsLongTermNontrade	1.0
in-gaap	Other Investments, Long-Term	OtherInvestmentsLongTerm	1.0
in-gaap	Other Investments, Long-Term, Quoted	OtherInvestmentsLongTermQuoted	1.0
in-gaap	Other Investments, Long-Term, Quoted, Trade	OtherInvestmentsLongTermQuotedTrade	1.0
in-gaap	Other Investments, Long-Term, Quoted, Nontrade	OtherInvestmentsLongTermQuotedNontrade	1.0
in-gaap	Other Investments, Long-Term, Unquoted	OtherInvestmentsLongTermUnquoted	1.0
in-gaap	Other Investments, Long-Term, Unquoted, Trade	OtherInvestmentsLongTermUnquotedTrade	1.0
in-gaap	Other Investments, Long-Term, Unquoted, Nontrade	OtherInvestmentsLongTermUnquotedNontrade	1.0
in-gaap	Current Investments	CurrentInvestments	1.0
in-gaap	Government Securities and Local Authorities, Current	GovernmentSecuritiesLocalAuthoritiesCurrent	1.0
in-gaap	Government Securities and Local Authorities, Current, Quoted	GovernmentSecuritiesLocalAuthoritiesCurrentQuoted	1.0
in-gaap	Government Securities and Local Authorities, Current, Quoted, Trade	GovernmentSecuritiesLocalAuthoritiesCurrentQuotedTrade	1.0
in-gaap	Government Securities and Local Authorities, Current, Quoted, Nontrade	GovernmentSecuritiesLocalAuthoritiesCurrentQuotedNontrade	1.0
in-gaap	Government Securities and Local Authorities, Current, Unquoted	GovernmentSecuritiesLocalAuthoritiesCurrentUnquoted	1.0
in-gaap	Government Securities and Local Authorities, Current, Unquoted, Trade	GovernmentSecuritiesLocalAuthoritiesCurrentUnquotedTrade	1.0

in-gaap	Government Securities and Local Authorities, Current, Unquoted, Nontrade	GovernmentSecuritiesLocalAuthoritiesCurrentUnquotedNontrade	1.0
in-gaap	Debt Securities, Current	DebtSecuritiesCurrent	1.0
in-gaap	Debt Securities, Current, Quoted	DebtSecuritiesCurrentQuoted	1.0
in-gaap	Debt Securities, Current, Quoted, Trade	DebtSecuritiesCurrentQuotedTrade	1.0
in-gaap	Debt Securities, Current, Quoted, Nontrade	DebtSecuritiesCurrentQuotedNontrade	1.0
in-gaap	Debt Securities, Current, Unquoted	DebtSecuritiesCurrentUnquoted	1.0
in-gaap	Debt Securities, Current, Unquoted, Trade	DebtSecuritiesCurrentUnquotedTrade	1.0
in-gaap	Debt Securities, Current, Unquoted, Nontrade	DebtSecuritiesCurrentUnquotedNontrade	1.0
in-gaap	Equity Securities, Current	EquitySecuritiesCurrent	1.0
in-gaap	Equity Securities, Current, Quoted	EquitySecuritiesCurrentQuoted	1.0
in-gaap	Equity Securities, Current, Quoted, Trade	EquitySecuritiesCurrentQuotedTrade	1.0
in-gaap	Equity Securities, Current, Quoted, Nontrade	EquitySecuritiesCurrentQuotedNontrade	1.0
in-gaap	Equity Securities, Current, Unquoted	EquitySecuritiesCurrentUnquoted	1.0
in-gaap	Equity Securities, Current, Unquoted, Trade	EquitySecuritiesCurrentUnquotedTrade	1.0
in-gaap	Equity Securities, Current, Unquoted, Nontrade	EquitySecuritiesCurrentUnquotedNontrade	1.0
in-gaap	Mutual Funds, Current	MutualFundsCurrent	1.0
in-gaap	Mutual Funds, Current, Trade	MutualFundsCurrentTrade	1.0

in-gaap	Mutual Funds, Current, Nontrade	MutualFundsCurrentNontrade	1.0
in-gaap	Other Investments, Current	OtherInvestmentsCurrent	1.0
in-gaap	Other Investments, Current, Quoted	OtherInvestmentsCurrentQuoted	1.0
in-gaap	Other Investments, Current, Quoted, Trade	OtherInvestmentsCurrentQuotedTrade	1.0
in-gaap	Other Investments, Current, Quoted, Nontrade	OtherInvestmentsCurrentQuotedNontrade	1.0
in-gaap	Other Investments, Current, Unquoted	OtherInvestmentsCurrentUnquoted	1.0
in-gaap	Other Investments, Current, Unquoted, Trade	OtherInvestmentsCurrentUnquotedTrade	1.0
in-gaap	Other Investments, Current, Unquoted, Nontrade	OtherInvestmentsCurrentUnquotedNontrade	1.0
in-gaap	Investment Property	InvestmentProperty	1.0
in-gaap	Investment in Associates	InvestmentAssociates	1.0
in-gaap	Investment in Joint Ventures	InvestmentJointVentures	1.0
in-gaap	Investment in Subsidiaries	InvestmentSubsidiaries	1.0
in-gaap	Investments in the Capital of Partnership Firms	InvestmentsinCapitalPartnershipFirms	1.0
in-gaap	Balance of Unutilised Money Investments	UnutilisedMoneyInvestments	1.0
in-gaap	Share of Investments in Joint Ventures	ShareInvestmentsJointVentures	1.0
in-gaap	Provision for Long-Term Investments	ProvisionLongTermInvestments	-1.0
in-gaap	Provision for Current Investments	ProvisionCurrentInvestments	-1.0

Extended Link	Details of Net Current Assets		
prefix	label	name	weight
in-gaap	Current Assets, Loans and Advances	CurrentAssetsLoansAdvances	0.0
in-gaap	Current Assets	CurrentAssets	1.0
in-gaap	Sundry Debtors	SundryDebtors	1.0
in-gaap	Sundry Debtors, Gross	SundryDebtorsGross	1.0
in-gaap	Debtors Exceeding Six Months	DebtorsExceedingSixMonths	1.0
in-gaap	Debtors Exceeding Six Months, Secured	DebtorsExceedingSixMonthsSecured	1.0
in-gaap	Debtors considered Good Exceeding Six Months, Unsecured	DebtorsconsideredGoodExceedingSixMonthsUnsecured	1.0
in-gaap	Debtors considered Doubtful Exceeding Six Months, Unsecured	DebtorsconsideredDoubtfulExceedingSixMonthsUnsecured	1.0
in-gaap	Debtors within Six Months	DebtorswithinSixMonths	1.0
in-gaap	Debtors within Six Months, Secured	DebtorswithinSixMonthsSecured	1.0
in-gaap	Debtors considered Good within Six Months, Unsecured	DebtorsconsideredGoodwithinSixMonthsUnsecured	1.0
in-gaap	Debtors considered Doubtful within Six Months, Unsecured	DebtorsconsideredDoubtfulwithinSixMonthsUnsecured	1.0
in-gaap	Provision for Doubtful Debts	ProvisionDoubtfulDebts	-1.0

in-gaap	Finance Lease Receivables, Current	FinanceLeaseReceivablesCurrent	1.0
in-gaap	Other Trade Receivables	OtherTradeReceivables	1.0
in-gaap	Share of Debtors in Joint Venture	ShareDebtorsJointVenture	1.0
in-gaap	Inventories	Inventories	1.0
in-gaap	Inventories, Raw Materials	InventoriesRawMaterials	1.0
in-gaap	Inventories, Stores and Spares	InventoriesStoresSpares	1.0
in-gaap	Inventories, Loose Tools	InventoriesLooseTools	1.0
in-gaap	Inventories, Work-in-Progress	InventoriesWorkinProgress	1.0
in-gaap	Inventories, Contracts Work-in-Progress	InventoriesContractsWorkinProgress	1.0
in-gaap	Inventories, Finished Goods	InventoriesFinishedGoods	1.0
in-gaap	Inventories, Finished Goods, Traded	InventoriesFinishedGoodsTraded	1.0
in-gaap	Inventories, Finished Goods, Manufactured	InventoriesFinishedGoodsManufactured	1.0
in-gaap	Inventories in Transit	InventoriesTransit	1.0
in-gaap	Inventories, Waste and Scrap	InventoriesWasteScrap	1.0
in-gaap	Inventories, Packing Materials	InventoriesPackingMaterials	1.0
in-gaap	Inventories, Intangible Assets	InventoriesIntangibleAssets	1.0
in-gaap	Inventories, License	InventoriesLicense	1.0

in-gaap	Inventories, Rights	InventoriesRights	1.0
in-gaap	Inventories, Other Intangible Assets	InventoriesOtherIntangibleAssets	1.0
in-gaap	Inventories, Other	InventoriesOther	1.0
in-gaap	Share of Inventories in Joint Venture	ShareInventoriesJointVenture	1.0
in-gaap	Provision for Obsolescence	ProvisionObsolescence	-1.0
in-gaap	Cash and Bank Balance	CashBankBalance	1.0
in-gaap	Cash Balance in Hand	CashBalanceHand	1.0
in-gaap	Cash in Hand	CashHand	1.0
in-gaap	Cheques in Hand	ChequesHand	1.0
in-gaap	Bank Balances	BankBalances	1.0
in-gaap	Balance, Scheduled Banks	BalanceScheduledBanks	1.0
in-gaap	Balance, Scheduled Banks, Current Account	BalanceScheduledBanksCurrentAccount	1.0
in-gaap	Balance, Scheduled Banks, Deposit Account	BalanceScheduledBanksDepositAccount	1.0
in-gaap	Balance, Scheduled Banks, Call Account	BalanceScheduledBanksCallAccount	1.0
in-gaap	Balance, Scheduled Banks, Unclaimed Amount Account	BalanceScheduledBanksUnclaimedAmountAccount	1.0
in-gaap	Balance, Scheduled Banks, Other Account	BalanceScheduledBanksOtherAccount	1.0
in-gaap	Balance, Other Banks	BalanceOtherBanks	1.0

in-gaap	Balance, Other Banks, Current Account	BalanceOtherBanksCurrentAccount	1.0
in-gaap	Balance, Other Banks, Deposit Account	BalanceOtherBanksDepositAccount	1.0
in-gaap	Balance, Other Banks, Call Account	BalanceOtherBanksCallAccount	1.0
in-gaap	Balance, Other Banks, Other Account	BalanceOtherBanksOtherAccount	1.0
in-gaap	Balance, Restricted Account	BalanceRestrictedAccount	1.0
in-gaap	Balance, Post Office Savings	BalancePostOfficeSavings	1.0
in-gaap	Other Cash and Bank Balance	OtherCashBankBalance	1.0
in-gaap	Other Current Assets	OtherCurrentAssets	1.0
in-gaap	Dividend Receivable	DividendReceivable	1.0
in-gaap	Dividend Receivable from Subsidiaries	DividendReceivableSubsidiaries	1.0
in-gaap	Dividend Receivable from Others	DividendReceivableOthers	1.0
in-gaap	Taxes Receivable	TaxesReceivable	1.0
in-gaap	Income Tax Receivable	IncomeTaxReceivable	1.0
in-gaap	Fringe Benefit Tax Receivable	FringeBenefitTaxReceivable	1.0
in-gaap	Wealth Tax Receivable	WealthTaxReceivable	1.0
in-gaap	Sales Tax Receivable	SalesTaxReceivable	1.0
in-gaap	Other Tax Receivable	OtherTaxReceivable	1.0

in-gaap	Export Incentives Receivables	ExportIncentivesReceivables	1.0
in-gaap	Other Receivables	OtherReceivables	1.0
in-gaap	Interest Income Accrued but Not Due	InterestIncomeAccruedbutNotDue	1.0
in-gaap	Assets Held up for Disposal	AssetsHeldupDisposal	1.0
in-gaap	Derivative Assets	DerivativeAssets	1.0
in-gaap	Unbilled Revenue	UnbilledRevenue	1.0
in-gaap	Current Assets Other	CurrentAssetsOther	1.0
in-gaap	Share of Other Current Assets in Joint Ventures	ShareOtherCurrentAssetsJointVentures	1.0
in-gaap	Loans and Advances	LoansAdvances	1.0
in-gaap	Secured Loans and Advances	SecuredLoansAdvances	1.0
in-gaap	Secured Loans and Advances given to Subsidiaries	SecuredLoansAdvancesgivenSubsidiaries	1.0
in-gaap	Secured Loans and Advances given to Associates	SecuredLoansAdvancesgivenAssociates	1.0
in-gaap	Secured Loans and Advances given to Directors	SecuredLoansAdvancesgivenDirectors	1.0
in-gaap	Secured Loans and Advances given to Other Related parties	SecuredLoansAdvancesgivenOtherRelatedparties	1.0
in-gaap	Secured Loans and Advances given to Suppliers	SecuredLoansAdvancesgivenSuppliers	1.0
in-gaap	Secured Loans and Advances given to Employees	SecuredLoansAdvancesgivenEmployees	1.0
in-gaap	Secured Loans and Advances for Value to be Received	SecuredLoansAdvancesValuebeReceived	1.0

in-gaap	Unsecured Loans and Advances	UnsecuredLoansAdvances	1.0
in-gaap	Unsecured Loans and Advances given to Subsidiaries	UnsecuredLoansAdvancesgivenSubsidiaries	1.0
in-gaap	Unsecured Loans and Advances given to Associates	UnsecuredLoansAdvancesgivenAssociates	1.0
in-gaap	Unsecured Loans and Advances given to Directors	UnsecuredLoansAdvancesgivenDirectors	1.0
in-gaap	Unsecured Loans and Advances given to Other Related parties	UnsecuredLoansAdvancesgivenOtherRelatedparties	1.0
in-gaap	Unsecured Loans and Advances given to Suppliers	UnsecuredLoansAdvancesgivenSuppliers	1.0
in-gaap	Unsecured Loans and Advances given to Employees	UnsecuredLoansAdvancesgivenEmployees	1.0
in-gaap	Unsecured Loans and Advances for Value to be Received	UnsecuredLoansAdvancesValuebeReceived	1.0
in-gaap	Advance Tax Paid	AdvanceTaxPaid	1.0
in-gaap	Advance Income Tax Paid	AdvanceIncomeTaxPaid	1.0
in-gaap	Advance Fringe Benefit Tax Paid	AdvanceFringeBenefitTaxPaid	1.0
in-gaap	Advance Wealth Tax Paid	AdvanceWealthTaxPaid	1.0
in-gaap	Advance Sales Tax Paid	AdvanceSalesTaxPaid	1.0
in-gaap	Tax Deducted at Source	TaxDeductedatSource	1.0
in-gaap	Other Advance Taxes	OtherAdvanceTaxes	1.0
in-gaap	Deposit Assets	DepositAssets	1.0
in-gaap	Intercorporate Deposits	IntercorporateDeposits	1.0

in-gaap	Deposits with the Statutory Authorities	DepositswithStatutoryAuthorities	1.0
in-gaap	Other Deposit Assets	OtherDepositAssets	1.0
in-gaap	Prepaid Expenses	PrepaidExpenses	1.0
in-gaap	Notes Receivable	NotesReceivable	1.0
in-gaap	Claims Recoverable	ClaimsRecoverable	1.0
in-gaap	Other Loans and Advances	OtherLoansAdvances	1.0
in-gaap	Share of Loans and Advances in Joint Ventures	ShareLoansAdvancesJointVentures	1.0
in-gaap	Current Liabilities and Provisions	CurrentLiabilitiesProvisions	0.0
in-gaap	Current Liabilities	CurrentLiabilities	1.0
in-gaap	Sundry Creditors	SundryCreditors	1.0
in-gaap	Creditors Due from Small and Micro Enterprises	CreditorsDueSmallMicroEnterprises	1.0
in-gaap	Creditors Due from others	CreditorsDueothers	1.0
in-gaap	Amount Due to Related Parties	AmountDueRelatedParties	1.0
in-gaap	Amount Due to Subsidiaries	AmountDueSubsidiaries	1.0
in-gaap	Amount Due to Associates	AmountDueAssociates	1.0
in-gaap	Amount Due to Directors	AmountDueDirectors	1.0
in-gaap	Amount Due to Other Related Party	AmountDueOtherRelatedParty	1.0

in-gaap	Short-Term Borrowings	ShortTermBorrowings	1.0
in-gaap	Bank Overdraft	BankOverdraft	1.0
in-gaap	Cash Credit	CashCredit	1.0
in-gaap	Other Short-Term Borrowings	OtherShortTermBorrowings	1.0
in-gaap	Amounts to be credited to Investor Education Protection Fund	AmountstobecreditedInvestorEducationProtectionFund	1.0
in-gaap	Unclaimed Dividend	UnclaimedDividend	1.0
in-gaap	Unclaimed Share Application Refund Money	UnclaimedShareApplicationRefundMoney	1.0
in-gaap	Unclaimed Matured Debentures	UnclaimedMaturedDebentures	1.0
in-gaap	Unclaimed Matured Deposits	UnclaimedMaturedDeposits	1.0
in-gaap	Interest on Unclaimed Amount	InterestUnclaimedAmount	1.0
in-gaap	Other Unclaimed Amount	OtherUnclaimedAmount	1.0
in-gaap	Customer and Other Advances	CustomerOtherAdvances	1.0
in-gaap	Advance Received against Contracts	AdvanceReceivedagainstContracts	1.0
in-gaap	Advance Received against Customers	AdvanceReceivedagainstCustomers	1.0
in-gaap	Other Advance Received	OtherAdvanceReceived	1.0
in-gaap	Bills Payable and Acceptances	BillsPayableAcceptances	1.0
in-gaap	Retention Money Payable	RetentionMoneyPayable	1.0

in-gaap	Accrued Expenses Payable	AccruedExpensesPayable	1.0
in-gaap	Interest Accrued but Not Due	InterestAccruedbutNotDue	1.0
in-gaap	Interest Accrued but Not Due, Secured Loans	InterestAccruedbutNotDueSecuredLoans	1.0
in-gaap	Interest Accrued but Not Due, Unsecured Loans	InterestAccruedbutNotDueUnsecuredLoans	1.0
in-gaap	Short-Term Employee Related Liabilities	ShortTermEmployeeRelatedLiabilities	1.0
in-gaap	Accrued Salary Payable	AccruedSalaryPayable	1.0
in-gaap	Accrued Payroll Liabilities Other	AccruedPayrollLiabilitiesOther	1.0
in-gaap	Taxes Payable	TaxesPayable	1.0
in-gaap	Taxes Payable, Current Tax	TaxesPayableCurrentTax	1.0
in-gaap	Taxes Payable, Fringe Benefit Tax	TaxesPayableFringeBenefitTax	1.0
in-gaap	Taxes Payable, Wealth Tax	TaxesPayableWealthTax	1.0
in-gaap	Taxes Payable, Sales Tax	TaxesPayableSalesTax	1.0
in-gaap	Taxes Payable, Other Tax	TaxesPayableOtherTax	1.0
in-gaap	Other Accrued Expenses	OtherAccruedExpenses	1.0
in-gaap	Deposit Liabilities	DepositLiabilities	1.0
in-gaap	Public Deposit Payable, Current	PublicDepositPayableCurrent	1.0
in-gaap	Security Deposit Payable, Current	SecurityDepositPayableCurrent	1.0

in-gaap	Customer Deposit Payable, Current	CustomerDepositPayableCurrent	1.0
in-gaap	Other Deposit Payable, Current	OtherDepositPayableCurrent	1.0
in-gaap	Other Current Liabilities	OtherCurrentLiabilities	1.0
in-gaap	Deferred Revenue, Current	DeferredRevenueCurrent	1.0
in-gaap	Finance Lease Obligation, Current	FinanceLeaseObligationCurrent	1.0
in-gaap	Share of Joint Ventures in Current Liabilities	ShareJointVenturesCurrentLiabilities	1.0
in-gaap	Provisions	Provisions	1.0
in-gaap	Provisions for Dividend and Dividend Tax	ProvisionsDividendDividendTax	1.0
in-gaap	Provisions for Dividend	ProvisionsDividend	1.0
in-gaap	Provision for Dividend on Equity Shares	ProvisionDividendEquityShares	1.0
in-gaap	Provision for Dividend on Preference Shares	ProvisionDividendPreferenceShares	1.0
in-gaap	Provision for Dividend Distribution Tax	ProvisionDividendDistributionTax	1.0
in-gaap	Provision for Dividend Distribution Tax on Equity Shares	ProvisionDividendDistributionTaxEquityShares	1.0
in-gaap	Provision for Dividend Distribution Tax on Preference Shares	ProvisionDividendDistributionTaxPreferenceShares	1.0
in-gaap	Provision for Employees Related Liabilities	ProvisionEmployeesRelatedLiabilities	1.0
in-gaap	Provision for Gratuity	ProvisionGratuity	1.0
in-gaap	Provision for Leave Encashment	ProvisionLeaveEncashment	1.0

in-gaap	Provision for Pension	ProvisionPension	1.0
in-gaap	Provision for Provident Fund Scheme	ProvisionProvidentFundScheme	1.0
in-gaap	Provision for Employee Insurance Scheme	ProvisionEmployeeInsuranceScheme	1.0
in-gaap	Provision for Other Employee Related Liabilities	ProvisionOtherEmployeeRelatedLiabilities	1.0
in-gaap	Tax Provision	TaxProvision	1.0
in-gaap	Current Tax Provision	CurrentTaxProvision	1.0
in-gaap	Fringe Benefit Tax Provision	FringeBenefitTaxProvision	1.0
in-gaap	Wealth Tax Provision	WealthTaxProvision	1.0
in-gaap	Other Tax Provision	OtherTaxProvision	1.0
in-gaap	Provision for Restructuring Charges	ProvisionRestructuringCharges	1.0
in-gaap	Provision for Contingencies	ProvisionContingencies	1.0
in-gaap	Provision for Warranty and Other Related Expense	ProvisionWarrantyOtherRelatedExpense	1.0
in-gaap	Provision for Statutory Liabilities	ProvisionStatutoryLiabilities	1.0
in-gaap	Share of Joint Venture in Provisions	ShareJointVentureProvisions	1.0
in-gaap	Other Provisions	OtherProvisions	1.0

Extended Link	ChangesinReserves		
prefix	label	name	weight
in-gaap	Changes in Reserves and Surplus	ChangesReservesSurplus	0.0
in-gaap	Changes in Capital Reserve on Consolidation	ChangesCapitalReserveConsolidation	1.0
in-gaap	Additions to Capital Reserve on Consolidation	AdditionsCapitalReserveConsolidation	1.0
in-gaap	Deductions from Capital Reserve on Consolidation	DeductionsCapitalReserveConsolidation	-1.0
in-gaap	Changes in Capital Reserve	ChangesCapitalReserve	1.0
in-gaap	Profit on Reissue of Forfeited Shares	ProfitReissueofForfeitedShares	1.0
in-gaap	Additions to Capital Reserve	AdditionsCapitalReserve	1.0
in-gaap	Deductions from Capital Reserve	DeductionsCapitalReserve	-1.0
in-gaap	Changes in Employee Stock Option Reserve	ChangesEmployeeStockOptionReserve	1.0
in-gaap	Additions to Employee Stock Option Reserve	AdditionsEmployeeStockOptionReserve	1.0
in-gaap	Deductions from Employee Stock Option Reserve	DeductionsEmployeeStockOptionReserve	-1.0
in-gaap	Changes in Subsidy and Incentive Reserve	ChangesSubsidyIncentiveReserve	1.0
in-gaap	Additions to Subsidy and Incentive Reserve	AdditionsSubsidyIncentiveReserve	1.0
in-gaap	Deductions from Subsidy and Incentive Reserve	DeductionsSubsidyIncentiveReserve	-1.0
in-gaap	Changes in Restructuring Reserve	ChangesRestructuringReserve	1.0

in-gaap	Additions to Restructuring Reserve	AdditionsRestructuringReserve	1.0
in-gaap	Deductions from Restructuring Reserve	DeductionsRestructuringReserve	-1.0
in-gaap	Changes in Amalgamation Reserve	ChangesAmalgamationReserve	1.0
in-gaap	Additions to Amalgamation Reserve	AdditionsAmalgamationReserve	1.0
in-gaap	Deductions from Amalgamation Reserve	DeductionsAmalgamationReserve	-1.0
in-gaap	Changes in Bond Redemption Reserve	ChangesBondRedemptionReserve	1.0
in-gaap	Additions to Bond Redemption Reserve	AdditionsBondRedemptionReserve	1.0
in-gaap	Deductions from Bond Redemption Reserve	DeductionsBondRedemptionReserve	-1.0
in-gaap	Changes in Capital Redemption Reserve	ChangesCapitalRedemptionReserve	1.0
in-gaap	Additions to Capital Redemption Reserve	AdditionsCapitalRedemptionReserve	1.0
in-gaap	Deductions from Capital Redemption Reserve	DeductionsCapitalRedemptionReserve	-1.0
in-gaap	Changes in Debenture Redemption Reserve	ChangesDebentureRedemptionReserve	1.0
in-gaap	Additions to Debenture Redemption Reserve	AdditionsDebentureRedemptionReserve	1.0
in-gaap	Deductions from Debenture Redemption Reserve	DeductionsDebentureRedemptionReserve	-1.0
in-gaap	Changes in Sinking Fund	ChangesSinkingFund	1.0
in-gaap	Additions to Sinking Fund	AdditionsSinkingFund	1.0
in-gaap	Deductions from Sinking Fund	DeductionsSinkingFund	-1.0

in-gaap	Changes in Securities Premium	ChangesSecuritiesPremium	1.0
in-gaap	Additions to Securities Premium	AdditionsSecuritiesPremium	1.0
in-gaap	Securities Premium Adjusted for Bonus Shares	SecuritiesPremiumAdjustedBonusShares	-1.0
in-gaap	Securities Premium Adjusted for Writing off Preliminary Expenses	SecuritiesPremiumAdjustedWritingoffPreliminaryExpenses	-1.0
in-gaap	Securities Premium Adjusted for Writing off Discount and Expenses on Issue of Shares or Debentures	SecuritiesPremiumAdjustedWritingoffDiscountExpensesIssueSharesDebentures	-1.0
in-gaap	Securities Premium Adjusted for Premium Payable on Redemption of Preference Shares or Debentures	SecuritiesPremiumAdjustedPremiumPayableRedemptionPreferenceSharesDebentures	-1.0
in-gaap	Other Deductions from Securities Premium	OtherDeductionsSecuritiesPremium	-1.0
in-gaap	Changes in Revaluation Reserve	ChangesRevaluationReserve	1.0
in-gaap	Additions to Revaluation Reserve	AdditionsRevaluationReserve	1.0
in-gaap	Deductions from Revaluation Reserve	DeductionsRevaluationReserve	-1.0
in-gaap	Changes in Foreign Exchange Earnings Reserve	ChangesForeignExchangeEarningsReserve	1.0
in-gaap	Additions to Foreign Exchange Earnings Reserve	AdditionsForeignExchangeEarningsReserve	1.0
in-gaap	Deductions from Foreign Exchange Earnings Reserve	DeductionsForeignExchangeEarningsReserve	-1.0
in-gaap	Changes in Foreign Currency Translation Reserve	ChangesForeignCurrencyTranslationReserve	1.0
in-gaap	Additions to Foreign Currency Translation Reserve	AdditionsForeignCurrencyTranslationReserve	1.0
in-gaap	Deductions from Foreign Currency Translation Reserve	DeductionsForeignCurrencyTranslationReserve	-1.0
in-gaap	Changes in Contingency Reserve	ChangesContingencyReserve	1.0

in-gaap	Additions to Contingency Reserve	AdditionsContingencyReserve	1.0
in-gaap	Deductions from Contingency Reserve	DeductionsContingencyReserve	-1.0
in-gaap	Changes in Special Reserve	ChangesSpecialReserve	1.0
in-gaap	Additions to Special Reserve	AdditionsSpecialReserve	1.0
in-gaap	Deductions from Special Reserve	DeductionsSpecialReserve	-1.0
in-gaap	Changes in Hedging Reserve	ChangesHedgingReserve	1.0
in-gaap	Additions to Hedging Reserve	AdditionsHedgingReserve	1.0
in-gaap	Deductions from Hedging Reserve	DeductionsHedgingReserve	-1.0
in-gaap	Changes in General Reserve	ChangesGeneralReserve	1.0
in-gaap	Additions to General Reserve	AdditionsGeneralReserve	1.0
in-gaap	Deductions from General Reserve	DeductionsGeneralReserve	-1.0
in-gaap	Changes in Profit (Loss) Account	ChangesProfitLossAccount	1.0
in-gaap	Additions to Profit (Loss) Account	AdditionsProfitLossAccount	1.0
in-gaap	Deductions from Profit (Loss) Account	DeductionsProfitLossAccount	-1.0
in-gaap	Changes in Other Reserves	ChangesOtherReserves	1.0
in-gaap	Additions to Other Reserves	AdditionsOtherReserves	1.0
in-gaap	Deductions from Other Reserves	DeductionsOtherReserves	-1.0

Extended Link	ISbyNature		
prefix	label	name	weight
in-gaap	Net Profit (Loss) for Period	NetProfitLoss	0.0
in-gaap	Net Profit (Loss) before Minority Interest and Share of Joint Ventures	NetProfitLossbeforeMinorityInterestShareJointVenture	1.0
in-gaap	Net Profit (Loss) before Extraordinary Items	NetProfitLossbeforeExtraordinaryItems	1.0
in-gaap	Net Profit (Loss) before Tax	NetProfitLossbeforeTax	1.0
in-gaap	Net Profit (Loss) from Continuing Operations	NetProfitLossContinuingOperations	1.0
in-gaap	Total Income	TotalIncome	1.0
in-gaap	Operating Revenue, Net	OperatingRevenueNet	1.0
in-gaap	Other Income	OtherIncome	1.0
in-gaap	Total Expenditure	TotalExpenditure	-1.0
in-gaap	Consumption of Materials and Changes in Inventories	ConsumptionMaterialsChangesInventories	1.0
in-gaap	Contract Cost	ContractCost	1.0
in-gaap	Manufacturing and Other Operating Expenses	ManufacturingOtherOperatingExpenses	1.0
in-gaap	Manufacturing and Service Costs	ManufacturingServiceCosts	1.0

in-gaap	Employee Related Expenses	EmployeeRelatedExpenses	1.0
in-gaap	Administrative, Selling and Other Expenses	AdministrativeSellingOtherExpenses	1.0
in-gaap	Research and Development Expenditure	ResearchDevelopmentExpenditure	1.0
in-gaap	Restructuring Charges	RestructuringCharges	1.0
in-gaap	Reversal of Restructuring Charges	ReversalRestructuringCharges	-1.0
in-gaap	Depreciation, Amortisation and Impairment	DepreciationAmortisationImpairment	1.0
in-gaap	Interest and Financial Charges	InterestFinancialCharges	1.0
in-gaap	Nonrecurring Income (Expense), Net	NonrecurringIncomeExpenseNet	1.0
in-gaap	Nonrecurring Income	NonrecurringIncome	1.0
in-gaap	Nonrecurring Expenses	NonrecurringExpenses	-1.0
in-gaap	Income (Loss) from Discontinuing Operations	IncomeLossDiscontinuingOperations	1.0
in-gaap	Revenues Related to Discontinuing Operations	RevenuesRelatedDiscontinuingOperations	1.0
in-gaap	Expenses Related to Discontinuing Operations	ExpensesRelatedDiscontinuingOperations	-1.0
in-gaap	Income (Loss) on Disposal or Sale of Discontinuing Operations	IncomeLossDisposalSaleDiscontinuingOperations	1.0
in-gaap	Provision for Taxation	ProvisionTaxation	-1.0
in-gaap	Provision for Current Tax	ProvisionCurrentTax	1.0
in-gaap	Provision for Deferred Tax	ProvisionDeferredTax	1.0

in-gaap	Provision for Fringe Benefit Tax	ProvisionFringeBenefitTax	1.0
in-gaap	Provision for Wealth Tax	ProvisionWealthTax	1.0
in-gaap	MAT Credit Entitlement	MATCreditEntitlement	-1.0
in-gaap	Provision for Tax of Earlier Years	ProvisionTaxEarlierYears	1.0
in-gaap	Other Adjustments to Tax	OtherAdjustmentsTax	1.0
in-gaap	Tax Effect of Discontinuing Operations	TaxEffectDiscontinuingOperations	-1.0
in-gaap	Tax Effect of on Income (Loss) from Discontinuing Operations	TaxEffectIncomeLossDiscontinuingOperations	1.0
in-gaap	Tax Effect of on Sale or Disposal of Discontinuing Operations	TaxEffectSaleDisposalDiscontinuingOperations	1.0
in-gaap	Extraordinary Items, Net of Tax	ExtraordinaryItemsNetTax	-1.0
in-gaap	Loss on Attachment of Property, Extraordinary	LossAttachmentPropertyExtraordinary	1.0
in-gaap	Loss on Natural Calamity, Extraordinary	LossNaturalCalamityExtraordinary	1.0
in-gaap	Reversal of Government Grants, Extraordinary	ReversalGovernmentGrantsExtraordinary	1.0
in-gaap	Other Items, Extraordinary	OtherItemsExtraordinary	1.0
in-gaap	Prior Period Items, Net of Tax	PriorPeriodItemsNetTax	1.0
in-gaap	Prior Period Income	PriorPeriodIncome	1.0
in-gaap	Prior Period Expenses	PriorPeriodExpenses	-1.0
in-gaap	Share of Earnings in Associates and Joint Ventures	ShareEarningsAssociatesJointVentures	1.0

in-gaap	Share of Earnings in Associates	ShareEarningsAssociates	1.0
in-gaap	Share of Earnings in Joint Ventures	ShareEarningsJointVentures	1.0
in-gaap	Share of Minority Interest in Profit (Loss)	ShareMinorityInterestProfitLoss	-1.0
in-gaap	Adjustments Related to Merger and Acquisitions	AdjustmentsRelatedMergerAcquisitions	1.0
in-gaap	Basic Earnings Per Share	BasicEarningsPerShare	0.0
in-gaap	Basic Earnings Per Share before Extraordinary Items	BasicEarningsPerSharebeforeExtraordinaryItems	1.0
in-gaap	Extraordinary Adjustment to Basic Earnings Per Share	ExtraordinaryAdjustmentBasicEarningsPerShare	1.0
in-gaap	Diluted Earnings Per Share	DilutedEarningsPerShare	0.0
in-gaap	Diluted Earnings Per Share before Extraordinary Items	DilutedEarningsPerSharebeforeExtraordinaryItems	1.0
in-gaap	Extraordinary Adjustment to Diluted Earnings Per Share	ExtraordinaryAdjustmentDilutedEarningsPerShare	1.0
Extended Link	ISbyFunction		
prefix	label	name	weight
in-gaap	Net Profit (Loss) for Period	NetProfitLoss	0.0
in-gaap	Net Profit (Loss) before Minority Interest and Share of Joint Ventures	NetProfitLossbeforeMinorityInterestShareJointVenture	1.0
in-gaap	Net Profit (Loss) before Extraordinary Items	NetProfitLossbeforeExtraordinaryItems	1.0

in-gaap	Net Profit (Loss) before Tax	NetProfitLossbeforeTax	1.0
in-gaap	Net Profit (Loss) from Continuing Operations	NetProfitLossContinuingOperations	1.0
in-gaap	Gross Profit	GrossProfit	1.0
in-gaap	Operating Revenue, Net	OperatingRevenueNet	1.0
in-gaap	Cost of Goods and Services	CostGoodsServices	-1.0
in-gaap	Consumption of Materials and Changes in Inventories	ConsumptionMaterialsChangesInventories	1.0
in-gaap	Contract Cost	ContractCost	1.0
in-gaap	Manufacturing and Service Costs	ManufacturingServiceCosts	1.0
in-gaap	Employee Related Expenses	EmployeeRelatedExpenses	1.0
in-gaap	Other Income	OtherIncome	1.0
in-gaap	Administrative, Selling and Other Expenses	AdministrativeSellingOtherExpenses	-1.0
in-gaap	Research and Development Expenditure	ResearchDevelopmentExpenditure	-1.0
in-gaap	Restructuring Charges	RestructuringCharges	-1.0
in-gaap	Reversal of Restructuring Charges	ReversalRestructuringCharges	1.0
in-gaap	Depreciation, Amortisation and Impairment	DepreciationAmortisationImpairment	-1.0
in-gaap	Interest and Financial Charges	InterestFinancialCharges	-1.0
in-gaap	Nonrecurring Income (Expense), Net	NonrecurringIncomeExpenseNet	1.0

in-gaap	Nonrecurring Income	NonrecurringIncome	1.0
in-gaap	Nonrecurring Expenses	NonrecurringExpenses	-1.0
in-gaap	Income (Loss) from Discontinuing Operations	IncomeLossDiscontinuingOperations	1.0
in-gaap	Revenues Related to Discontinuing Operations	RevenuesRelatedDiscontinuingOperations	1.0
in-gaap	Expenses Related to Discontinuing Operations	ExpensesRelatedDiscontinuingOperations	-1.0
in-gaap	Income (Loss) on Disposal or Sale of Discontinuing Operations	IncomeLossDisposalSaleDiscontinuingOperations	1.0
in-gaap	Provision for Taxation	ProvisionTaxation	-1.0
in-gaap	Provision for Current Tax	ProvisionCurrentTax	1.0
in-gaap	Provision for Deferred Tax	ProvisionDeferredTax	1.0
in-gaap	Provision for Fringe Benefit Tax	ProvisionFringeBenefitTax	1.0
in-gaap	Provision for Wealth Tax	ProvisionWealthTax	1.0
in-gaap	MAT Credit Entitlement	MATCreditEntitlement	-1.0
in-gaap	Provision for Tax of Earlier Years	ProvisionTaxEarlierYears	1.0
in-gaap	Other Adjustments to Tax	OtherAdjustmentsTax	1.0
in-gaap	Tax Effect of Discontinuing Operations	TaxEffectDiscontinuingOperations	-1.0
in-gaap	Tax Effect of on Income (Loss) from Discontinuing Operations	TaxEffectIncomeLossDiscontinuingOperations	1.0
in-gaap	Tax Effect of on Sale or Disposal of Discontinuing Operations	TaxEffectSaleDisposalDiscontinuingOperations	1.0

in-gaap	Extraordinary Items, Net of Tax	ExtraordinaryItemsNetTax	-1.0
in-gaap	Loss on Attachment of Property, Extraordinary	LossAttachmentPropertyExtraordinary	1.0
in-gaap	Loss on Natural Calamity, Extraordinary	LossNaturalCalamityExtraordinary	1.0
in-gaap	Reversal of Government Grants, Extraordinary	ReversalGovernmentGrantsExtraordinary	1.0
in-gaap	Other Items, Extraordinary	OtherItemsExtraordinary	1.0
in-gaap	Prior Period Items, Net of Tax	PriorPeriodItemsNetTax	1.0
in-gaap	Prior Period Income	PriorPeriodIncome	1.0
in-gaap	Prior Period Expenses	PriorPeriodExpenses	-1.0
in-gaap	Share of Earnings in Associates and Joint Ventures	ShareEarningsAssociatesJointVentures	1.0
in-gaap	Share of Earnings in Associates	ShareEarningsAssociates	1.0
in-gaap	Share of Earnings in Joint Ventures	ShareEarningsJointVentures	1.0
in-gaap	Share of Minority Interest in Profit (Loss)	ShareMinorityInterestProfitLoss	-1.0
in-gaap	Adjustments Related to Merger and Acquisitions	AdjustmentsRelatedMergerAcquisitions	1.0
in-gaap	Basic Earnings Per Share	BasicEarningsPerShare	0.0
in-gaap	Basic Earnings Per Share before Extraordinary Items	BasicEarningsPerSharebeforeExtraordinaryItems	1.0
in-gaap	Extraordinary Adjustment to Basic Earnings Per Share	ExtraordinaryAdjustmentBasicEarningsPerShare	1.0
in-gaap	Diluted Earnings Per Share	DilutedEarningsPerShare	0.0

in-gaap	Diluted Earnings Per Share before Extraordinary Items	DilutedEarningsPerSharebeforeExtraordinaryItems	1.0
in-gaap	Extraordinary Adjustment to Diluted Earnings Per Share	ExtraordinaryAdjustmentDilutedEarningsPerShare	1.0
Extended Link	QuarterlyFormatClause41Main		
prefix	label	name	weight
in-gaap	Net Profit (Loss) for Period	NetProfitLoss	0.0
in-gaap	Net Profit (Loss) before Minority Interest and Share of Joint Ventures	NetProfitLossbeforeMinorityInterestShareJointVenture	1.0
in-gaap	Net Profit (Loss) before Extraordinary Items	NetProfitLossbeforeExtraordinaryItems	1.0
in-gaap	Net Profit (Loss) before Tax and Extraordinary Items	NetProfitLossbeforeTaxExtraordinaryItems	1.0
in-gaap	Net Profit (Loss) after Interest before Exceptional Items	NetProfitLossAfterInterestBeforeExceptionalItems	1.0
in-gaap	Net Profit (Loss) before Interest and Exceptional Items	NetProfitLossBeforeInterestAndExceptionalItems	1.0
in-gaap	Net Profit (Loss) from Operation before Other Income Interest and Exceptional Items	NetProfitLossFromOperationBeforeOtherIncomeInterestAndExceptionalItems	1.0
in-gaap	Operating Revenue, Net	OperatingRevenueNet	1.0
in-gaap	Revenue from Sale of Goods and Services	RevenueFromSaleOfGoodsAndServices	1.0
in-gaap	Other Operating Revenues	OtherOperatingRevenues	1.0
in-gaap	Total Expenditure Excluding Interest	TotalExpenditureExcludingInterest	-1.0

in-gaap	Increase (Decrease) in Stock of Traded Goods and Work-in-Progress	IncreaseDecreaseStockofTradedGoodsandWorkinProgress	1.0
in-gaap	Consumption of Raw Materials	ConsumptionRawMaterials	1.0
in-gaap	Purchase of Traded Goods during Year	PurchaseTradedGoodsDuringYear	1.0
in-gaap	Employee Related Expenses	EmployeeRelatedExpenses	1.0
in-gaap	Depreciation of Tangible Assets	DepreciationTangibleAssets	1.0
in-gaap	Other Expenditure	OtherExpenditure	1.0
in-gaap	Other Income	OtherIncome	1.0
in-gaap	Interest Expense	InterestExpense	-1.0
in-gaap	Nonrecurring Income (Expense), Net	NonrecurringIncomeExpenseNet	1.0
in-gaap	Provision for Taxation	ProvisionTaxation	-1.0
in-gaap	Extraordinary Items, Net of Tax	ExtraordinaryItemsNetTax	-1.0
in-gaap	Share of Earnings in Associates and Joint Ventures	ShareEarningsAssociatesJointVentures	1.0
in-gaap	Share of Earnings in Associates	ShareEarningsAssociates	1.0
in-gaap	Share of Earnings in Joint Ventures	ShareEarningsJointVentures	1.0
in-gaap	Share of Minority Interest in Profit (Loss)	ShareMinorityInterestProfitLoss	-1.0

Extended Link	QuarterlyFormatClause41Alternative			
prefix	label	name	weight	
in-gaap	Net Profit (Loss) for Period	NetProfitLoss	0.0	
in-gaap	Net Profit (Loss) before Minority Interest and Share of Joint Ventures	NetProfitLossbeforeMinorityInterestShareJointVenture	1.0	
in-gaap	Net Profit (Loss) before Extraordinary Items	NetProfitLossbeforeExtraordinaryItems	1.0	
in-gaap	Net Profit (Loss) before Tax and Extraordinary Items	NetProfitLossbeforeTaxExtraordinaryItems	1.0	
in-gaap	Operating Profit after Interest and Exceptional Items	OperatingProfitAfterInterestAndExceptionalItems	1.0	
in-gaap	Operating Profit before Interest	OperatingProfitBeforeInterest	1.0	
in-gaap	Gross Profit	GrossProfit	1.0	
in-gaap	Operating Revenue, Net	OperatingRevenueNet	1.0	
in-gaap	Cost of Goods and Services	CostGoodsServices	-1.0	
in-gaap	Increase (Decrease) in Stock of Traded Goods and Work-in-Progress	IncreaseDecreaseStockofTradedGoodsandWorkinProgress	1.0	
in-gaap	Purchase of Traded Goods during Year	PurchaseTradedGoodsDuringYear	1.0	
in-gaap	Other Operating Expenditure	OtherOperatingExpenditure	1.0	
in-gaap	Consumption of Raw Materials	ConsumptionRawMaterials	1.0	
in-gaap	Administrative and General Expenses	AdministrativeGeneralExpenses	-1.0	
in-gaap	Selling and Distribution Expenses	SellingDistributionExpenses	-1.0	

in-gaap	Depreciation of Tangible Assets	DepreciationTangibleAssets	1.0
in-gaap	Interest Expense	InterestExpense	-1.0
in-gaap	Nonrecurring Income (Expense), Net	NonrecurringIncomeExpenseNet	1.0
in-gaap	Other Income	OtherIncome	1.0
in-gaap	Provision for Taxation	ProvisionTaxation	-1.0
in-gaap	Extraordinary Items, Net of Tax	ExtraordinaryItemsNetTax	-1.0
in-gaap	Share of Earnings in Associates and Joint Ventures	ShareEarningsAssociatesJointVentures	1.0
in-gaap	Share of Earnings in Associates	ShareEarningsAssociates	1.0
in-gaap	Share of Earnings in Joint Ventures	ShareEarningsJointVentures	1.0
in-gaap	Share of Minority Interest in Profit (Loss)	ShareMinorityInterestProfitLoss	-1.0
Extended Link	DetailsofIncomeExpenses		
prefix	label	name	weight
in-gaap	Operating Revenue, Net	OperatingRevenueNet	0.0
in-gaap	Operating Revenue, Gross	OperatingRevenueGross	1.0
in-gaap	Revenue from Sale of Goods, Gross	RevenueSaleGoodsGross	1.0

in-gaap	Revenue from Sale of Manufactured Goods	RevenueSaleManufacturedGoods	1.0
in-gaap	Revenue from Sale of Traded Goods	RevenueSaleTradedGoods	1.0
in-gaap	Revenue from Sale of Other Goods	RevenueSaleOtherGoods	1.0
in-gaap	Revenue from Services, Gross	RevenueServicesGross	1.0
in-gaap	Revenue from Communication Services	RevenueCommunicationServices	1.0
in-gaap	Revenue from Logistics and Transport Services	RevenueLogisticsTransportServices	1.0
in-gaap	Revenue from Roadway Operations	RevenueRoadwayOperations	1.0
in-gaap	Revenue from Waterway Operations	RevenueWaterwayOperations	1.0
in-gaap	Revenue from Airway Operations	RevenueAirwayOperations	1.0
in-gaap	Revenue from Courier Services	RevenueCourierServices	1.0
in-gaap	Revenue from Infrastructure Services	RevenueInfrastructureServices	1.0
in-gaap	Revenue from Information Technology Services	RevenueInformationTechnologyServices	1.0
in-gaap	Revenue from Software Development	RevenueSoftwareDevelopment	1.0
in-gaap	Revenue from Hardware Maintenance	RevenueHardwareMaintenance	1.0
in-gaap	Revenue from Information Technology Consultancy	RevenueInformationTechnologyConsultancy	1.0
in-gaap	Revenue from Hotels	RevenueHotels	1.0
in-gaap	Revenue from Hospitals and Healthcare Clinics	RevenueHospitalsHealthcareClinics	1.0

in-gaap	Revenue from Entertainment	RevenueEntertainment	1.0
in-gaap	Revenue from Repairs and Maintenance	RevenueRepairsMaintenance	1.0
in-gaap	Revenue from Educational Activities	RevenueEducationalActivities	1.0
in-gaap	Revenue from Membership and Subscriptions Fees	RevenueMembershipSubscriptionsFees	1.0
in-gaap	Revenue from Admission Fees	RevenueAdmissionFees	1.0
in-gaap	Revenue from Erecting and Commissioning	RevenueErectingCommissioning	1.0
in-gaap	Revenue from Agencies	RevenueAgencies	1.0
in-gaap	Revenue from Advertising and Publicity	RevenueAdvertisingPublicity	1.0
in-gaap	Revenue from Value Added Services	RevenueValueAddedServices	1.0
in-gaap	Revenue from Real Estate and Property Development	RevenueRealEstatePropertyDevelopment	1.0
in-gaap	Revenue from Other Services	RevenueOtherServices	1.0
in-gaap	Revenue from Contract	RevenueContract	1.0
in-gaap	Revenue from Lease Rentals	RevenueLeaseRentals	1.0
in-gaap	Revenue from Hire Charges	RevenueHireCharges	1.0
in-gaap	Revenue from Job Work	RevenueJobWork	1.0
in-gaap	Revenue from Intangible Assets	RevenueIntangibleAssets	1.0
in-gaap	Revenue from Royalties	RevenueRoyalties	1.0

in-gaap	Revenue from Technical Know-how	RevenueTechnicalKnowhow	1.0
in-gaap	Revenue from Franchise	RevenueFranchise	1.0
in-gaap	Revenue from Licences	Revenuelicences	1.0
in-gaap	Revenue from Contractual Rights	RevenueContractualRights	1.0
in-gaap	Other Operating Revenues	OtherOperatingRevenues	1.0
in-gaap	Duties and Taxes Collected	DutiesTaxesCollected	-1.0
in-gaap	Excise Duty Collected	ExciseDutyCollected	1.0
in-gaap	Service Tax Collected	ServiceTaxCollected	1.0
in-gaap	Other Duties and Taxes Collected	OtherDutiesTaxesCollected	1.0
in-gaap	Interdivision Transfers	InterdivisionTransfers	-1.0
in-gaap	Brokerage, Discounts and Rebates	BrokerageDiscountsRebates	-1.0
in-gaap	Sales Returns	SalesReturns	-1.0
in-gaap	Other Allowances and Deductions from Sales	OtherAllowancesDeductionsSales	-1.0
in-gaap	Share in Operating Revenue of Joint Ventures	ShareOperatingRevenueJointVentures	1.0
in-gaap	Other Income	OtherIncome	0.0
in-gaap	Receipt from Government Grants and Subsidies	ReceiptGovernmentGrantsSubsidies	1.0
in-gaap	Receipt from Export Incentives	ReceiptExportIncentives	1.0

in-gaap	Receipt from Import Entitlements	ReceiptImportEntitlements	1.0
in-gaap	Receipt from Insurance Claims	ReceiptInsuranceClaims	1.0
in-gaap	Receipt from Income from Investments	ReceiptIncomeInvestments	1.0
in-gaap	Receipt from Income from Long-Term Investments	ReceiptIncomeLongTermInvestments	1.0
in-gaap	Receipt from Interest on Long-Term Investments	ReceiptInterestLongTermInvestments	1.0
in-gaap	Receipt from Interest on Long-Term Bank Deposits	ReceiptInterestLongTermBankDeposits	1.0
in-gaap	Receipt from Interest on Long-Term Intercorporate Deposits	ReceiptInterestLongTermIntercorporateDeposits	1.0
in-gaap	Receipt from Interest on Long-Term Debt Securities	ReceiptInterestLongTermDebtSecurities	1.0
in-gaap	Receipt from Interest on Long-Term Government Securities	ReceiptInterestLongTermGovernmentSecurities	1.0
in-gaap	Receipt from Interest on Other Long-Term Investments	ReceiptInterestOtherLongTermInvestments	1.0
in-gaap	Receipt from Dividend on Long-Term Investments	ReceiptDividendLongTermInvestments	1.0
in-gaap	Receipt from Dividend on Long-Term Equity Securities	ReceiptDividendLongTermEquitySecurities	1.0
in-gaap	Receipt from Dividend on Long-Term Mutual Funds	ReceiptDividendLongTermMutualFunds	1.0
in-gaap	Receipt from Dividend on Other Long-Term Investments	ReceiptDividendOtherLongTermInvestments	1.0
in-gaap	Receipt from Income from Current Investments	ReceiptIncomeCurrentInvestments	1.0
in-gaap	Receipt from Interest on Current Investments	ReceiptInterestCurrentInvestments	1.0
in-gaap	Receipt from Interest on Current Bank Deposits	ReceiptInterestCurrentBankDeposits	1.0

in-gaap	Receipt from Interest on Current Intercompany Deposits	ReceiptInterestCurrentIntercompanyDeposits	1.0
in-gaap	Receipt from Interest on Current Debt Securities	ReceiptInterestCurrentDebtSecurities	1.0
in-gaap	Receipt from Interest on Current Government Securities	ReceiptInterestCurrentGovernmentSecurities	1.0
in-gaap	Receipt from Interest on Other Current Investments	ReceiptInterestOtherCurrentInvestments	1.0
in-gaap	Receipts from Dividend on Current Investments	ReceiptsDividendCurrentInvestments	1.0
in-gaap	Receipt from Dividend on Current Equity Securities	ReceiptDividendCurrentEquitySecurities	1.0
in-gaap	Receipt from Dividend on Current Mutual Funds	ReceiptDividendCurrentMutualFunds	1.0
in-gaap	Receipt from Dividend on Other Current Investments	ReceiptDividendOtherCurrentInvestments	1.0
in-gaap	Receipt from Rent on Investment Properties	ReceiptRentInvestmentProperties	1.0
in-gaap	Receipt from Income from Subsidiaries	ReceiptIncomeSubsidiaries	1.0
in-gaap	Receipt from Interest on Income Tax Refund	ReceiptInterestIncomeTaxRefund	1.0
in-gaap	Receipts from Brokerage and Commission	ReceiptsBrokerageCommission	1.0
in-gaap	Sales Tax Benefit	SalesTaxBenefit	1.0
in-gaap	Foreign Exchange Difference Income	ForeignExchangeDifferenceIncome	1.0
in-gaap	Profit on Sale or Redemption of Investments	ProfitSaleRedemptionInvestments	1.0
in-gaap	Profit on Sale or Redemption of Long-Term Investments	ProfitSaleRedemptionLongTermInvestments	1.0
in-gaap	Profit on Sale or Redemption of Current Investments	ProfitSaleRedemptionCurrentInvestments	1.0

in-gaap	Profit on Sale or Disposal of Fixed Assets	ProfitSaleDisposalFixedAssets	1.0
in-gaap	Profit on Sale or Disposal of Tangible Fixed Assets	ProfitSaleDisposalTangibleFixedAssets	1.0
in-gaap	Profit on Sale or Disposal of Intangible Fixed Assets	ProfitSaleDisposalIntangibleFixedAssets	1.0
in-gaap	Receipts from Job Work	ReceiptsJobWork	1.0
in-gaap	Receipts from Hire Charges	ReceiptsHireCharges	1.0
in-gaap	Receipts from Intangible Assets	ReceiptsIntangibleAssets	1.0
in-gaap	Receipts from Technical Know-how	ReceiptsTechnicalKnowhow	1.0
in-gaap	Receipts from Franchise	ReceiptsFranchise	1.0
in-gaap	Receipts from Licences	ReceiptsLicences	1.0
in-gaap	Receipts from Contractual Rights	ReceiptsContractualRights	1.0
in-gaap	Receipts from Royalties	ReceiptsRoyalties	1.0
in-gaap	Receipts from Repairs and Maintenance	ReceiptsRepairsMaintenance	1.0
in-gaap	Receipts from Membership and Subscriptions Fees	ReceiptsMembershipSubscriptionsFees	1.0
in-gaap	Receipts from Erectioning and Commissioning	ReceiptsErectioningCommissioning	1.0
in-gaap	Excess Provisions Written Back	ExcessProvisionsWrittenBack	1.0
in-gaap	Other Receipts	OtherReceipts	1.0
in-gaap	Tax Deducted at Sources from Other Income	TaxDeductedatSourcesOtherIncome	-1.0

in-gaap	Other Allowances and Deduction from Other Income	OtherAllowancesDeductionOtherIncome	-1.0
in-gaap	Share in Other Income of Joint Ventures	ShareOtherIncomeJointVentures	1.0
in-gaap	Consumption of Materials and Changes in Inventories	ConsumptionMaterialsChangesInventories	0.0
in-gaap	Consumption of Raw and Other Materials	ConsumptionRawOtherMaterials	1.0
in-gaap	Consumption of Raw Materials	ConsumptionRawMaterials	1.0
in-gaap	Consumption of Packing Materials	ConsumptionPackingMaterials	1.0
in-gaap	Consumption of Stores and Spares	ConsumptionStoresSpares	1.0
in-gaap	Consumption of Other Materials	ConsumptionOtherMaterials	1.0
in-gaap	Capitalisation of Raw and Other Materials	CapitalisationRawOtherMaterials	-1.0
in-gaap	Cost of Traded Goods	CostTradedGoods	1.0
in-gaap	Increase (Decrease) in Inventories	IncreaseDecreaseInventories	1.0
in-gaap	Increase (Decrease) in Finished Goods	IncreaseDecreaseFinishedGoods	1.0
in-gaap	Increase (Decrease) in Work-in-Progress	IncreaseDecreaseWorkinProgress	1.0
in-gaap	Increase (Decrease) in Other Inventories	IncreaseDecreaseOtherInventories	1.0
in-gaap	Increase (Decrease) in Excise Duty on Inventories	IncreaseDecreaseExciseDutyInventories	1.0
in-gaap	Share in Materials and Stocks of Joint Ventures	ShareMaterialsStocksJointVentures	1.0
in-gaap	Contract Cost	ContractCost	0.0

in-gaap	Site Labour and Supervision Cost in Contracts	SiteLabourSupervisionCostContracts	1.0
in-gaap	Material Cost in Contract	MaterialCostContract	1.0
in-gaap	Depreciation on Assets in Contracts	DepreciationAssetsContracts	1.0
in-gaap	Cost of Transportation of Assets in Contracts	CostTransportationAssetsContracts	1.0
in-gaap	Hire Charges of Assets in Contracts	HireChargesAssetsContracts	1.0
in-gaap	Cost of Design and Technical Assistance in Contracts	CostDesignTechnicalAssistanceContracts	1.0
in-gaap	Warranty cost in Contracts	WarrantycostContracts	1.0
in-gaap	Other Claims in Contracts	OtherClaimsContracts	1.0
in-gaap	Sale of Material, Scrap or Other Assets in Contracts	SaleMaterialScrapOtherAssetsContracts	-1.0
in-gaap	Overhead Costs Apportioned to Contracts	OverheadCostsApportionedContracts	1.0
in-gaap	Insurance cost Apportioned to Contract	InsurancecostApportionedContract	1.0
in-gaap	Design and Technical Assistance Apportioned to Contracts	DesignTechnicalAssistanceApportionedContracts	1.0
in-gaap	Other Overheads Apportioned to Contracts	OtherOverheadsApportionedContracts	1.0
in-gaap	Manufacturing and Service Costs	ManufacturingServiceCosts	0.0
in-gaap	Cost of Power and Fuel	CostPowerFuel	1.0
in-gaap	Cost of Repairs and Maintenance	CostRepairsMaintenance	1.0
in-gaap	Cost of Repairs and Maintenance on Factory Building	CostRepairsMaintenanceFactoryBuilding	1.0

in-gaap	Cost of Repairs and Maintenance on Plant and Machinery	CostRepairsMaintenancePlantMachinery	1.0
in-gaap	Cost of Repairs and Maintenance on Other Assets	CostRepairsMaintenanceOtherAssets	1.0
in-gaap	Cost of Information Technology	CostInformationTechnology	1.0
in-gaap	Cost of Software	CostSoftware	1.0
in-gaap	Cost of Hardware	CostHardware	1.0
in-gaap	Cost of Communication and Connectivity	CostCommunicationConnectivity	1.0
in-gaap	Cost of Insurance	CostInsurance	1.0
in-gaap	Cost of Transportation	CostTransportation	1.0
in-gaap	Cost of Freight	CostFreight	1.0
in-gaap	Cost of Octroi	CostOctroi	1.0
in-gaap	Cost of Loading and Unloading	CostLoadingUnloading	1.0
in-gaap	Cost Other Transporting	CostOtherTransporting	1.0
in-gaap	Cost of Lease Rentals	CostLeaseRentals	1.0
in-gaap	Cost of Effluent Disposal	CostEffluentDisposal	1.0
in-gaap	Cost of Site Restoration and Reclamation	CostSiteRestorationReclamation	1.0
in-gaap	Cost of Warehousing	CostWarehousing	1.0
in-gaap	Cost of Taxes and Other Levies by Government and Local Authorities	CostTaxesOtherLeviesByGovernmentLocalAuthorities	1.0

in-gaap	Central Excise Duty	CentralExciseDuty	1.0
in-gaap	Purchase Tax	PurchaseTax	1.0
in-gaap	Other Cess and Taxes	OtherCessTaxes	1.0
in-gaap	Cost Water Charges	CostWaterCharges	1.0
in-gaap	Cost Reimbursable Expenses	CostReimbursableExpenses	1.0
in-gaap	Cost of Technical Services	CostTechnicalServices	1.0
in-gaap	Other Manufacturing and Service Costs	OtherManufacturingServiceCosts	1.0
in-gaap	Allowances in Manufacturing and Service Cost	AllowancesManufacturingServiceCost	-1.0
in-gaap	Capitalisation of Manufacturing and Service Cost	CapitalisationManufacturingServiceCost	-1.0
in-gaap	Share in Manufacturing and Service Cost of Joint Ventures	ShareManufacturingServiceCostJointVentures	1.0
in-gaap	Employee Related Expenses	EmployeeRelatedExpenses	0.0
in-gaap	Employees Remuneration and Benefits	EmployeesRemunerationBenefits	1.0
in-gaap	Salary, Wages and Bonus	SalaryWagesBonus	1.0
in-gaap	Commission to Employees	CommissionEmployees	1.0
in-gaap	Employee Stock Compensation Expenses	EmployeeStockCompensationExpenses	1.0
in-gaap	Employee Medical and Insurance Expenses	EmployeeMedicalInsuranceExpenses	1.0
in-gaap	Leave Encashment Expenses	LeaveEncashmentExpenses	1.0

in-gaap	Retirement Benefits	RetirementBenefits	1.0
in-gaap	Gratuity	Gratuity	1.0
in-gaap	Pension Schemes	PensionSchemes	1.0
in-gaap	Provident Fund	ProvidentFund	1.0
in-gaap	Voluntary Retirement Compensation	VoluntaryRetirementCompensation	1.0
in-gaap	Other Retirement Benefits	OtherRetirementBenefits	1.0
in-gaap	Staff Welfare Expenses	StaffWelfareExpenses	1.0
in-gaap	Training and Recruitment Expenses	TrainingRecruitmentExpenses	1.0
in-gaap	Other Employee Related Expenses	OtherEmployeeRelatedExpenses	1.0
in-gaap	Capitalisation of Employee Expenses	CapitalisationEmployeeExpenses	-1.0
in-gaap	Share in Employee Related Expenses of Joint Ventures	ShareEmployeeRelatedExpensesJointVentures	1.0
in-gaap	Administrative, Selling and Other Expenses	AdministrativeSellingOtherExpenses	0.0
in-gaap	Administrative and General Expenses	AdministrativeGeneralExpenses	1.0
in-gaap	Subscriptions and Membership Fees	SubscriptionsMembershipFees	1.0
in-gaap	Electricity Expenses	ElectricityExpenses	1.0
in-gaap	Telephone and Postage	TelephonePostage	1.0
in-gaap	Printing and Stationery	PrintingStationery	1.0

in-gaap	Information Technology Expenses	InformationTechnologyExpenses	1.0
in-gaap	Travelling and Conveyance	TravellingConveyance	1.0
in-gaap	Catering and Canteen Expenses	CateringCanteenExpenses	1.0
in-gaap	Entertainment Expenses	EntertainmentExpenses	1.0
in-gaap	Legal and Professional Charges	LegalProfessionalCharges	1.0
in-gaap	Insurance Expenses	InsuranceExpenses	1.0
in-gaap	Repairs and Maintenance Expenses	RepairsMaintenanceExpenses	1.0
in-gaap	Vehicle Running Expenses	VehicleRunningExpenses	1.0
in-gaap	Rent, Rates and Taxes	RentRatesTaxes	1.0
in-gaap	Safety and Security Expenses	SafetySecurityExpenses	1.0
in-gaap	Auditors Remuneration	AuditorsRemuneration	1.0
in-gaap	Audit Fees	AuditFees	1.0
in-gaap	Consultancy Fees to Auditors	ConsultancyFeesAuditors	1.0
in-gaap	Legal Consultancy Fees	LegalConsultancyFees	1.0
in-gaap	Tax Consultancy Fees	TaxConsultancyFees	1.0
in-gaap	Management Consultancy Fees	ManagementConsultancyFees	1.0
in-gaap	Other Consultancy Fees	OtherConsultancyFees	1.0

in-gaap	Certification Fees	CertificationFees	1.0
in-gaap	Reimbursement of Auditors Expenses	ReimbursementAuditorsExpenses	1.0
in-gaap	Directors Sitting Fees	DirectorsSittingFees	1.0
in-gaap	Directors Remuneration	DirectorsRemuneration	1.0
in-gaap	Directors Salary	DirectorsSalary	1.0
in-gaap	Directors Commission	DirectorsCommission	1.0
in-gaap	Other Benefits to Directors	OtherBenefitsDirectors	1.0
in-gaap	Donations and Subscriptions	DonationsSubscriptions	1.0
in-gaap	Books and Periodicals	BooksPeriodicals	1.0
in-gaap	Seminars and Conference Expenses	SeminarsConferenceExpenses	1.0
in-gaap	Registration and Filing Fees	RegistrationFilingFees	1.0
in-gaap	Custodial Fees	CustodialFees	1.0
in-gaap	Bank Charges	BankCharges	1.0
in-gaap	Guest House Expenses	GuestHouseExpenses	1.0
in-gaap	Other Administrative and General Expenses	OtherAdministrativeGeneralExpenses	1.0
in-gaap	Selling and Distribution Expenses	SellingDistributionExpenses	1.0
in-gaap	Advertising and Promotional Expenses	AdvertisingPromotionalExpenses	1.0

in-gaap	After Sales Service Expenses	AfterSalesServiceExpenses	1.0
in-gaap	Warranty Claim Expenses	WarrantyClaimExpenses	1.0
in-gaap	Commission Paid to Sole Selling Agents	CommissionPaidSoleSellingAgents	1.0
in-gaap	Commission Paid to Other Selling Agents	CommissionPaidOtherSellingAgents	1.0
in-gaap	Transportation and Distribution Expenses	TransportationDistributionExpenses	1.0
in-gaap	Secondary Packing Expenses	SecondaryPackingExpenses	1.0
in-gaap	Other Selling and Distribution Expenses	OtherSellingDistributionExpenses	1.0
in-gaap	Net Provisions Charged	NetProvisionsCharged	1.0
in-gaap	Provision for Bad and Doubtful Debts and Advances Created	ProvisionBadDoubtfulDebtsAdvancesCreated	1.0
in-gaap	Excess Provisions for Bad and Doubtful Debts and Advances Written back	ExcessProvisionsBadDoubtfulDebtsAdvancesWrittenback	-1.0
in-gaap	Provision for Diminution in Value of Investments Created	ProvisionDiminutionValueInvestmentsCreated	1.0
in-gaap	Provision for Diminution in Value of Current Investments Created	ProvisionDiminutionValueCurrentInvestmentsCreated	1.0
in-gaap	Provision for Diminution in Value of Long-Term Investments Created	ProvisionDiminutionValueLongTermInvestmentsCreated	1.0
in-gaap	Excess Provision for Diminution in The Value of Investment Written back	ExcessProvisionDiminutioninValueInvestmentWrittenback	-1.0
in-gaap	Provision for Contingencies Created	ProvisionContingenciesCreated	1.0
in-gaap	Provision for Warranty Claims Created	ProvisionWarrantyClaimsCreated	1.0
in-gaap	Provision for Statutory Liabilities Created	ProvisionStatutoryLiabilitiesCreated	1.0

in-gaap	Provision for Restructuring Created	ProvisionRestructuringCreated	1.0
in-gaap	Other Provisions Created	OtherProvisionsCreated	1.0
in-gaap	Other Excess Provisions Written back	OtherExcessProvisionsWrittenback	-1.0
in-gaap	Write-off of Assets and Liabilities	WriteoffAssetsLiabilities	1.0
in-gaap	Miscellaneous Expenditure Written off	MiscellaneousExpenditureWrittenoff	1.0
in-gaap	Deferred Revenue Expenditure Written off	DeferredRevenueExpenditureWrittenoff	1.0
in-gaap	Preliminary Expenses Written off	PreliminaryExpensesWrittenoff	1.0
in-gaap	Shares and Debentures Issue Written off	SharesDebenturesIssueWrittenoff	1.0
in-gaap	Share Issue Expenses Written off	ShareIssueExpensesWrittenoff	1.0
in-gaap	Debenture Issue Expenses Written off	DebentureIssueExpensesWrittenoff	1.0
in-gaap	Discount on Issue of Shares and Debentures Written off	DiscountIssueSharesDebenturesWrittenoff	1.0
in-gaap	Discount on Issue of Shares Written off	DiscountIssueSharesWrittenoff	1.0
in-gaap	Discount on Issue of Debentures Written off	DiscountIssueDebenturesWrittenoff	1.0
in-gaap	Financing Charges Written off	FinancingChargesWrittenoff	1.0
in-gaap	Voluntary Retirement Compensation Written off	VoluntaryRetirementCompensationWrittenoff	1.0
in-gaap	Technical Know-how Written off	TechnicalKnowhowWrittenoff	1.0
in-gaap	Other Miscellaneous Expenditure Written off	OtherMiscellaneousExpenditureWrittenoff	1.0

in-gaap	Fixed Assets Written off	FixedAssetsWrittenoff	1.0
in-gaap	Inventories Written off	InventoriesWrittenoff	1.0
in-gaap	Investments Written off	InvestmentsWrittenoff	1.0
in-gaap	Bad Debts and Advances Written off	BadDebtsAdvancesWrittenoff	1.0
in-gaap	Other Assets Written off	OtherAssetsWrittenoff	1.0
in-gaap	Liabilities Written off	LiabilitiesWrittenoff	-1.0
in-gaap	Foreign Exchange Difference Expense	ForeignExchangeDifferenceExpense	1.0
in-gaap	Loss on Sale or Redemption of Investments	LossSaleRedemptionInvestments	1.0
in-gaap	Loss on Sale of Long-Term Investments	LossSaleLongTermInvestments	1.0
in-gaap	Loss on Sale of Current Investments	LossSaleCurrentInvestments	1.0
in-gaap	Loss on Sale or Disposal of Fixed Assets	LossSaleDisposalFixedAssets	1.0
in-gaap	Loss on Sale or Disposal of Tangible Fixed Assets	LossSaleDisposalTangibleFixedAssets	1.0
in-gaap	Loss on Sale or Disposal of Intangible Fixed Assets	LossSaleDisposalIntangibleFixedAssets	1.0
in-gaap	Other Expenditure	OtherExpenditure	1.0
in-gaap	Allowances in Administration and Selling Expenses	AllowancesAdministrationSellingExpenses	-1.0
in-gaap	Capitalisation of Administration and Selling Expenses	CapitalisationAdministrationSellingExpenses	-1.0
in-gaap	Share in Administration and Selling Expenses of Joint Ventures	ShareAdministrationSellingExpensesJointVentures	1.0

in-gaap	Research and Development Expenditure	ResearchDevelopmentExpenditure	0.0
in-gaap	Cost of Material in Research and Development	CostMaterialResearchDevelopment	1.0
in-gaap	Cost of Labour in Research and Development	CostLabourResearchDevelopment	1.0
in-gaap	Cost of Testing and Trial on Research and Development	CostTestingTrialResearchDevelopment	1.0
in-gaap	Administration and General Expenses in Research and Development	AdministrationGeneralExpensesResearchDevelopment	1.0
in-gaap	Depreciation and Amortisation on Research and Development	DepreciationAmortisationResearchDevelopment	1.0
in-gaap	Other Adjustments in Research and Development	OtherAdjustmentsResearchDevelopment	1.0
in-gaap	Capitalisation of Research and Development Expenditure	CapitalisationResearchDevelopmentExpenditure	-1.0
in-gaap	Depreciation, Amortisation and Impairment	DepreciationAmortisationImpairment	0.0
in-gaap	Depreciation and Amortisation Expenses	DepreciationAmortisationExpenses	1.0
in-gaap	Depreciation of Tangible Assets	DepreciationTangibleAssets	1.0
in-gaap	Amortisation of Intangible Assets	AmortisationIntangibleAssets	1.0
in-gaap	Depreciation Adjusted Against Revaluation Reserve	DepreciationAdjustedAgainstRevaluationReserve	-1.0
in-gaap	Depreciation and Amortisation Written back	DepreciationAmortisationWrittenback	-1.0
in-gaap	Impairment on Fixed Assets	ImpairmentFixedAssets	1.0
in-gaap	Impairment on Tangible Fixed Assets	ImpairmentTangibleFixedAssets	1.0
in-gaap	Impairment on Intangible Fixed Assets	ImpairmentIntangibleFixedAssets	1.0

in-gaap	Reversal of Impairment on Fixed Assets	ReversalImpairmentFixedAssets	-1.0
in-gaap	Reversal of Impairment on Tangible Fixed Assets	ReversalImpairmentTangibleFixedAssets	1.0
in-gaap	Reversal of Impairment on Intangible Fixed Assets	ReversalImpairmentIntangibleFixedAssets	1.0
in-gaap	Other Write-down of Assets	OtherWritedownAssets	1.0
in-gaap	Reversal of Other Write-down of Assets	ReversalOtherWritedownAssets	-1.0
in-gaap	Share of Depreciation, Amortisation and Impairment Expenses of Joint Ventures	ShareDepreciationAmortisationImpairmentJointVentures	1.0
in-gaap	Interest and Financial Charges	InterestFinancialCharges	0.0
in-gaap	Interest Expense on Borrowings	InterestExpenseBorrowings	1.0
in-gaap	Interest Expense on Long-Term Loans	InterestExpenseLongTermLoans	1.0
in-gaap	Interest Expense on Long-Term Loans from Banks	InterestExpenseLongTermLoansBanks	1.0
in-gaap	Interest Expense on Long-Term Loans from Others	InterestExpenseLongTermLoansOthers	1.0
in-gaap	Interest Expense on Short-Term Loans	InterestExpenseShortTermLoans	1.0
in-gaap	Interest Expense on Short-Term Loans from Banks	InterestExpenseShortTermLoansBanks	1.0
in-gaap	Interest Expense on Short-Term Loans from Others	InterestExpenseShortTermLoansOthers	1.0
in-gaap	Interest Expense on Deposits	InterestExpenseDeposits	1.0
in-gaap	Interest Expense on Debt Securities	InterestExpenseDebtSecurities	1.0
in-gaap	Interest Expense on Other Borrowings	InterestExpenseOtherBorrowings	1.0

in-gaap	Interest on Lease Financing	InterestLeaseFinancing	1.0
in-gaap	Other Interest Charges	OtherInterestCharges	1.0
in-gaap	Discounting Charges	DiscountingCharges	1.0
in-gaap	Guarantee Commission	GuaranteeCommission	1.0
in-gaap	Other Financing Charges	OtherFinancingCharges	1.0
in-gaap	Exchange Difference on Interest and Financial Charges	ExchangeDifferenceInterestFinancialCharges	1.0
in-gaap	Capitalisation of Interest and Financial Expenses	CapitalisationInterestFinancialExpenses	-1.0
in-gaap	Capitalisation of Specific Interest and Financial Expenses	CapitalisationSpecificInterestFinancialExpenses	1.0
in-gaap	Capitalisation of General Interest and Financial Expenses	CapitalisationGeneralInterestFinancialExpenses	1.0
in-gaap	Share in Interest and Financial Charges of Joint Ventures	ShareInterestFinancialChargesJointVentures	1.0
in-gaap	Appropriations	Appropriations	0.0
in-gaap	Appropriations to Reserves	AppropriationsReserves	1.0
in-gaap	Appropriations to General Reserve	AppropriationsGeneralReserve	1.0
in-gaap	Appropriations to Statutory Reserve	AppropriationsStatutoryReserve	1.0
in-gaap	Appropriations to Capital Reserve	AppropriationsCapitalReserve	1.0
in-gaap	Appropriations to Capital Redemption Reserve	AppropriationsCapitalRedemptionReserve	1.0
in-gaap	Appropriations to Debenture Redemption Reserve	AppropriationsDebentureRedemptionReserve	1.0

in-gaap	Appropriations to Other Reserves	AppropriationsOtherReserves	1.0
in-gaap	Appropriations Equity Dividend	AppropriationsEquityDividend	1.0
in-gaap	Appropriations Interim Dividend	AppropriationsInterimDividend	1.0
in-gaap	Appropriations Final Dividend	AppropriationsFinalDividend	1.0
in-gaap	Appropriations Preferred Dividend	AppropriationsPreferredDividend	1.0
in-gaap	Appropriations Special Dividend	AppropriationsSpecialDividend	1.0
in-gaap	Appropriations for Dividend Distribution Tax	AppropriationsDividendDistributionTax	1.0
in-gaap	Appropriations for Equity Dividend Distribution Tax	AppropriationsEquityDividendDistributionTax	1.0
in-gaap	Appropriations for Preference Dividend Distribution Tax	AppropriationsPreferenceDividendDistributionTax	1.0
in-gaap	Amounts Transferred from Reserves	AmountsTransferredReserves	0.0
in-gaap	Amount Transferred from General Reserve	AmountTransferredfromGeneralReserve	1.0
in-gaap	Amount Transferred from Capital Reserves	AmountTransferredfromCapitalReserves	1.0
in-gaap	Amount Transferred from Special Source	AmountTransferredSpecialSource	1.0
in-gaap	Amounts Transferred from Other Reserves	AmountsTransferredfromOtherReserves	1.0
Extended Link	AdditionalDetailsIncome		

prefix	label	name	weight
in-gaap	Operating Revenue, Net	OperatingRevenueNet	0.0
in-gaap	Operating Revenue, Gross	OperatingRevenueGross	1.0
in-gaap	Revenue from Sale of Goods, Gross	RevenueSaleGoodsGross	1.0
in-gaap	Domestic Turnover Goods, Gross	DomesticTurnoverGoodsGross	1.0
in-gaap	Domestic Sale of Manufactured Goods	DomesticSaleManufacturedGoods	1.0
in-gaap	Domestic Sale of Traded Goods	DomesticSaleTradedGoods	1.0
in-gaap	Export Turnover of Goods, Gross	ExportTurnoverGoodsGross	1.0
in-gaap	Export Sale of Manufactured Goods	ExportSaleManufacturedGoods	1.0
in-gaap	Export sale of Traded goods	ExportsaleTradedgoods	1.0
in-gaap	Revenue from Services, Gross	RevenueServicesGross	1.0
in-gaap	Domestic Revenue from Services	DomesticRevenueServices	1.0
in-gaap	Export Revenue from Services	ExportRevenueServices	1.0
in-gaap	Revenue from Contract	RevenueContract	1.0
in-gaap	Revenue from Domestic Contracts	RevenueDomesticContracts	1.0
in-gaap	Revenue from Foreign Contracts	RevenueForeignContracts	1.0
in-gaap	Revenue from Lease Rentals	RevenueLeaseRentals	1.0

in-gaap	Revenue from Hire Charges	RevenueHireCharges	1.0
in-gaap	Revenue from Job Work	RevenueJobWork	1.0
in-gaap	Revenue from Intangible Assets	RevenueIntangibleAssets	1.0
in-gaap	Revenue from Royalties	RevenueRoyalties	1.0
in-gaap	Revenue from Technical Know-how	RevenueTechnicalKnowhow	1.0
in-gaap	Revenue from Franchise	RevenueFranchise	1.0
in-gaap	Revenue from Licences	RevenueLicences	1.0
in-gaap	Revenue from Contractual Rights	RevenueContractualRights	1.0
in-gaap	Other Operating Revenues	OtherOperatingRevenues	1.0
in-gaap	Duties and Taxes Collected	DutiesTaxesCollected	-1.0
in-gaap	Excise Duty Collected	ExciseDutyCollected	1.0
in-gaap	Service Tax Collected	ServiceTaxCollected	1.0
in-gaap	Other Duties and Taxes Collected	OtherDutiesTaxesCollected	1.0
in-gaap	Interdivision Transfers	InterdivisionTransfers	-1.0
in-gaap	Brokerage, Discounts and Rebates	BrokerageDiscountsRebates	-1.0
in-gaap	Sales Returns	SalesReturns	-1.0
in-gaap	Other Allowances and Deductions from Sales	OtherAllowancesDeductionsSales	-1.0

in-gaap	Share in Operating Revenue of Joint Ventures	ShareOperatingRevenueJointVentures	1.0
in-gaap	Receipt from Income from Investments	ReceiptIncomeInvestments	0.0
in-gaap	Receipt from Income from Investments, Trade	ReceiptIncomeInvestmentsTrade	1.0
in-gaap	Receipt from Income from Investments, Nontrade	ReceiptIncomeInvestmentsNontrade	1.0
in-gaap	Receipt from Rent on Investment Properties	ReceiptRentInvestmentProperties	1.0
in-gaap	Profit (Loss) from Discontinuing Operations, Net	ProfitLossDiscontinuingOperationsNet	0.0
in-gaap	Profit (Loss) from Discontinuing Operations, Gross	ProfitLossDiscontinuingOperationsGross	1.0
in-gaap	Income (Loss) from Discontinuing Operations	IncomeLossDiscontinuingOperations	1.0
in-gaap	Revenues Related to Discontinuing Operations	RevenuesRelatedDiscontinuingOperations	1.0
in-gaap	Expenses Related to Discontinuing Operations	ExpensesRelatedDiscontinuingOperations	-1.0
in-gaap	Income (Loss) on Disposal or Sale of Discontinuing Operations	IncomeLossDisposalSaleDiscontinuingOperations	1.0
in-gaap	Tax Effect of Discontinuing Operations	TaxEffectDiscontinuingOperations	-1.0
in-gaap	Tax Effect of on Income (Loss) from Discontinuing Operations	TaxEffectIncomeLossDiscontinuingOperations	1.0
in-gaap	Tax Effect of on Sale or Disposal of Discontinuing Operations	TaxEffectSaleDisposalDiscontinuingOperations	1.0
in-gaap	Capitalisation of Expenses	CapitalisationExpenses	0.0
in-gaap	Capitalisation of Raw and Other Materials	CapitalisationRawOtherMaterials	1.0
in-gaap	Capitalisation of Manufacturing and Service Cost	CapitalisationManufacturingServiceCost	1.0

in-gaap	Capitalisation of Employee Expenses	CapitalisationEmployeeExpenses	1.0
in-gaap	Capitalisation of Administration and Selling Expenses	CapitalisationAdministrationSellingExpenses	1.0
in-gaap	Average Number of Shares for Diluted Earnings Per Share	AverageNumberSharesforDilutedEarningsPerShare	0.0
in-gaap	Average Number of Shares for Basic Earnings Per Share	AverageNumberSharesforBasicEarningsPerShare	1.0
in-gaap	Adjustment to Average Number of Shares	AdjustmentAverageNumberShares	1.0
Extended Link	AccountingPoliciesandNotes		
prefix	label	name	weight
in-gaap	Directors Remuneration	DirectorsRemuneration	0.0
in-gaap	Total Salary to Director	TotalSalarytoDirector	1.0
in-gaap	Basic Pay of Director	BasicPayDirector	1.0
in-gaap	Allowances to Director	AllowancesDirector	1.0
in-gaap	Perquisites to Director	PerquisitesDirector	1.0
in-gaap	Commission to Director	CommissionDirector	1.0
in-gaap	Sitting Fees to Director	SittingFeesDirector	1.0
in-gaap	Stock Compensation to Director	StockCompensationDirector	1.0

in-gaap	Post Retirement Benefits to Director	PostRetirementBenefitsDirector	1.0
in-gaap	Other Compensation to Director	OtherCompensationDirector	1.0
in-gaap	Earnings and Expenditure in Foreign Currency	EarningsExpenditureinForeignCurrency	0.0
in-gaap	Income Earned in Foreign Exchange	IncomeEarnedInForeignExchange	1.0
in-gaap	Revenue from Sale of Goods Received in Foreign Currency	RevenuefromSaleOfGoodsReceivedInForeignCurrency	1.0
in-gaap	FOB Value of Manufactured Goods Exported	FOBValueOfManufacturedGoodsExported	1.0
in-gaap	FOB Value of Traded Goods Exported	FOBValueOfTradedGoodsExported	1.0
in-gaap	Revenue in Foreign Currency from Services Rendered	RevenueReceivedinForeignCurrencyfromServices	1.0
in-gaap	Interest Income Received in Foreign Currency	InterestIncomeReceivedinForeignCurrency	1.0
in-gaap	Dividend Income Received in Foreign Currency	DividendIncomeReceivedinForeignCurrency	1.0
in-gaap	Insurance and Freight Received on Exports	InsuranceFreightonExports	1.0
in-gaap	Profit on Sale of Assets in Foreign Currency	ProfitinForeignCurrencyonSaleofAssets	1.0
in-gaap	Royalty, Know-how, Professional and Consultancy Fees	RoyaltyKnowHowProfessionalandConsultancyFees	1.0
in-gaap	Other Income Received in Foreign Currency	OtherIncomeReceivedinForeignCurrency	1.0
in-gaap	Expenditure in Foreign Currency	ExpenditureinForeignCurrency	-1.0
in-gaap	Interest Charges in Foreign Currency	InterestChargesinForeignCurrency	1.0
in-gaap	Commission, Brokerage and Discount Charges in Foreign Currency	CommissionBrokerageandDiscountChargesInForeignCurrency	1.0

in-gaap	Professional Charges in Foreign Currency	ProfessionalChargesinForeignCurrency	1.0
in-gaap	Bank and Finance Charges in Foreign Currency	BankandFinanceChargesinForeignCurrency	1.0
in-gaap	Logistic Charges in Foreign Currency	LogisticChargesinForeignCurrency	1.0
in-gaap	Foreign Tax	ForeignTax	1.0
in-gaap	Royalty Charges in Foreign Currency	RoyaltyChargesinForeignCurrency	1.0
in-gaap	Sales, Marketing and Advertising Expenses in Foreign Currency	SalesMarketingandAdvertisingExpensesinForeignCurrency	1.0
in-gaap	Meeting Expenses in Foreign Currency	MeetingExpensesinForeignCurrency	1.0
in-gaap	Research Development Expenses in Foreign Currency	ResearchDevelopmentExpensesinForeignCurrency	1.0
in-gaap	Intangible Asset Related Charges in Foreign Currency	IntangibleAssetChargesinForeignCurrency	1.0
in-gaap	Membership and Subscription Expenses in Foreign Currency	MembershipandSubscriptionExpensesinForeignCurrency	1.0
in-gaap	Insurance Charges in Foreign Currency	InsuranceChargesinForeignCurrency	1.0
in-gaap	Telecommunications Related Expenses in Foreign Currency	TelecommunicationExpensesinForeignCurrency	1.0
in-gaap	Other Expenditure in Foreign Currency	OtherExpenditureinForeignCurrency	1.0
Extended Link	CashFlowMain		
prefix	label	name	weight

in-gaap	Net Increase (Decrease) in Cash and Cash Equivalents	NetIncreaseDecreaseCashCashEquivalents	0.0
in-gaap	Net Cash Flow from (Used in) Operating Activities	NetCashFlowfromUsedinOperatingActivities	1.0
in-gaap	Cash Generated from Operations	CashfromGeneratedOperations	1.0
in-gaap	Operating Profit (Loss) before Changes in Working Capital	OperatingProfitLossbeforeChangesWorkingCapital	1.0
in-gaap	Net Profit (Loss) before Tax and Extraordinary Items	NetProfitLossbeforeTaxExtraordinaryItems	1.0
in-gaap	Adjustments to Profit (Loss) from Operations	AdjustmentsProfitLossOperations	1.0
in-gaap	Adjustment for Depreciation, Depletion and Amortisation	AdjustmentDepreciationDepletionAmortisation	1.0
in-gaap	Adjustment for Depreciation	AdjustmentDepreciation	1.0
in-gaap	Adjustment for Amortisation	AdjustmentAmortisation	1.0
in-gaap	Adjustment for Depletion	AdjustmentDepletion	1.0
in-gaap	Adjustment for Impairment Loss	AdjustmentImpairmentLoss	1.0
in-gaap	Adjustment for Write-off of Assets and Liabilities	AdjustmentWriteoffAssetsLiabilities	1.0
in-gaap	Adjustment for Write-off of Fixed Assets	AdjustmentWriteoffFixedAssets	1.0
in-gaap	Adjustment for Write-off of Investment	AdjustmentWriteoffInvestment	1.0
in-gaap	Adjustment for Write-off of Inventory	AdjustmentWriteoffInventory	1.0
in-gaap	Adjustment for Write-off of Bad Debts	AdjustmentWriteoffBadDebts	1.0
in-gaap	Adjustment for Write-off of Advances	AdjustmentWriteoffAdvances	1.0

in-gaap	Adjustment for Write-off of Miscellaneous Expenditure	AdjustmentWriteoffMiscellaneousExpenditure	1.0
in-gaap	Adjustment for Write-off of Other Assets	AdjustmentWriteoffOtherAssets	1.0
in-gaap	Adjustment for Liabilities Written off	AdjustmentLiabilitiesWrittenoff	-1.0
in-gaap	Adjustment for Provisions, Net	AdjustmentProvisionsNet	1.0
in-gaap	Adjustment for Provision of Doubtful Debts and Advances	AdjustmentProvisionDoubtfulDebtsAdvances	1.0
in-gaap	Adjustment for Provision of Doubtful Debts and Advances Written back	AdjustmentProvisionDoubtfulDebtsAdvancesWrittenback	-1.0
in-gaap	Adjustment for Provision of Diminution in Value of Investments	AdjustmentProvisionDiminutionValueInvestments	1.0
in-gaap	Adjustment for Provision of Diminution in Value of Investments Written Back	AdjustmentProvisionDiminutionValueInvestmentsWrittenback	-1.0
in-gaap	Adjustment for Provision of Employee Benefits	AdjustmentProvisionEmployeeBenefits	1.0
in-gaap	Adjustment for Provision of Warranty Expenses	AdjustmentProvisionWarrantyExpenses	1.0
in-gaap	Adjustment for Provision for Income Tax	AdjustmentProvisionIncomeTax	1.0
in-gaap	Adjustment for Other Provisions and Contingencies	AdjustmentOtherProvisionsContingencies	1.0
in-gaap	Adjustment for Other Provisions and Contingencies Written back	AdjustmentOtherProvisionsContingenciesWrittenback	-1.0
in-gaap	Adjustment for Employee Compensation	AdjustmentEmployeeCompensation	1.0
in-gaap	Adjustment for Employee Stock Option Plan	AdjustmentEmployeeStockOptionPlan	1.0
in-gaap	Adjustment for Employee Separation Compensation	AdjustmentEmployeeSeparationCompensation	1.0
in-gaap	Adjustment for Other Employee Compensation	AdjustmentOtherEmployeeCompensation	1.0

in-gaap	Adjustment for (Gain) Loss on Sale or Disposal of Fixed Assets	AdjustmentGainLossSaleDisposalFixedAssets	1.0
in-gaap	Adjustment for (Gain) Loss on Sale or Redemption of Investments	AdjustmentGainLossSaleRedemptionInvestments	1.0
in-gaap	Adjustment for (Gain) Loss on Sale or Disposal of Business or Undertaking	AdjustmentGainLossSaleDisposalBusinessUndertaking	1.0
in-gaap	Adjustment for (Gain) Loss on Foreign Exchange Fluctuations	AdjustmentGainLossForeignExchangeFluctuations	1.0
in-gaap	Adjustment for (Gain) Loss on Derivative Transactions	AdjustmentGainLossDerivativeTransactions	1.0
in-gaap	Adjustment for Share of Joint Venture Interests	AdjustmentShareJointVentureInterests	1.0
in-gaap	Adjustment for Share in Associates	AdjustmentShareAssociates	1.0
in-gaap	Adjustment for Share and Debt Issue Expenses	AdjustmentShareDebtIssueExpenses	1.0
in-gaap	Adjustment for Interest Expense	AdjustmentInterestExpense	1.0
in-gaap	Adjustment for Interest and Dividend Income	AdjustmentInterestDividendIncome	-1.0
in-gaap	Adjustment for Interest Received	AdjustmentInterestReceived	1.0
in-gaap	Adjustment for Interest on Long-Term Investments	AdjustmentInterestLongTermInvestments	1.0
in-gaap	Adjustment for Interest on Current Investments	AdjustmentInterestCurrentInvestments	1.0
in-gaap	Adjustment for Interest on Income Tax Refund	AdjustmentInterestIncomeTaxRefund	1.0
in-gaap	Adjustment for Dividend Received	AdjustmentDividendReceived	1.0
in-gaap	Adjustment for Dividend Received from Subsidiaries	AdjustmentDividendReceivedSubsidiaries	1.0
in-gaap	Adjustment for Dividend Received from Other Investments	AdjustmentDividendReceivedOtherInvestments	1.0

in-gaap	Adjustment for Bad Debts Recovered	AdjustmentBadDebtsRecovered	-1.0
in-gaap	Adjustment for Income (Loss) from Discontinuing Operations	AdjustmentIncomeLossDiscontinuingOperations	1.0
in-gaap	Other Nonoperating and Noncash Adjustments	OtherNonoperatingNoncashAdjustments	1.0
in-gaap	Changes in Working Capital	ChangesWorkingCapital	1.0
in-gaap	Changes in Current Assets, Loans and Advances	ChangesCurrentAssetsLoansAdvances	1.0
in-gaap	Changes in Inventories	ChangesInventories	1.0
in-gaap	Changes in Sundry Debtors	ChangesSundryDebtors	1.0
in-gaap	Changes in Other Current Assets	ChangesOtherCurrentAssets	1.0
in-gaap	Changes in Loans Advances	ChangesLoansAdvances	1.0
in-gaap	Changes in Assets Held for Disposal	ChangesAssetsHeldDisposal	1.0
in-gaap	Changes in Advance Tax	ChangesAdvanceTax	1.0
in-gaap	Changes in Prepaid Expenses	ChangesPrepaidExpenses	1.0
in-gaap	Changes in Amount Receivable from Related Parties	ChangesAmountReceivableRelatedParties	1.0
in-gaap	Changes in Current Liabilities and Provisions	ChangesCurrentLiabilitiesProvisions	1.0
in-gaap	Changes in Trade and Other Payables	ChangesTradeOtherPayables	1.0
in-gaap	Changes in Trade Payables	ChangesTradePayables	1.0
in-gaap	Changes in Other Payables	ChangesOtherPayables	1.0

in-gaap	Changes in Advances Received	ChangesAdvancesReceived	1.0
in-gaap	Changes in Income Tax Payable	ChangesIncomeTaxPayable	1.0
in-gaap	Changes in Amounts Due to Related Parties	ChangesAmountsDueRelatedParties	1.0
in-gaap	Changes in Other Liabilities	ChangesOtherLiabilities	1.0
in-gaap	Changes in Provisions	ChangesProvisions	1.0
in-gaap	Direct Taxes (Paid) Refunded	DirectTaxesPaidRefunded	-1.0
in-gaap	Adjustment for Prior Period and Extraordinary Items	AdjustmentPriorPeriodExtraordinaryItems	1.0
in-gaap	Adjustment for (Gain) Loss on Sale or Disposal of Fixed Asset, Extraordinary	AdjustmentGainLossSaleDisposalFixedAssetExtraordinary	1.0
in-gaap	Adjustment for (Gain) Loss on Sale or Redemption of Investment, Extraordinary	AdjustmentGainLossSaleRedemptionInvestmentExtraordinary	1.0
in-gaap	Adjustment for (Gain) Loss on Foreign Exchange, Extraordinary	AdjustmentGainLossForeignExchangeExtraordinary	1.0
in-gaap	Adjustment for Employee Expenses Benefits, Extraordinary	AdjustmentEmployeeExpensesBenefitsExtraordinary	1.0
in-gaap	Adjustment for Restructuring Costs	AdjustmentRestructuringCosts	1.0
in-gaap	Adjustment for Loss on Account of Natural Calamity	AdjustmentLossAccountNaturalCalamity	1.0
in-gaap	Adjustment Other Extraordinary Items	AdjustmentOtherExtraordinaryItems	1.0
in-gaap	Net Cash Flow from (Used in) Investing Activities	NetCashFlowUsedinInvestingActivities	1.0
in-gaap	Purchase and Development of Fixed Assets	PurchaseDevelopmentFixedAssets	-1.0
in-gaap	Purchase of Tangible Fixed Assets	PurchaseTangibleFixedAssets	1.0

in-gaap	Purchase of Intangible Fixed Assets	PurchaseIntangibleFixedAssets	1.0
in-gaap	Payments for Development of Fixed Assets	PaymentsDevelopmentFixedAssets	1.0
in-gaap	Purchase of Other Assets	PurchaseOtherAssets	-1.0
in-gaap	Purchase of Investment Property	PurchaseInvestmentProperty	-1.0
in-gaap	Purchase of Interest in Subsidiaries, Joint Ventures and Associates	PurchaseInterestSubsidiariesJointVenturesAssociates	-1.0
in-gaap	Purchase of Subsidiaries	PurchaseSubsidiaries	1.0
in-gaap	Purchase of Joint Ventures	PurchaseJointVentures	1.0
in-gaap	Purchase of Associates	PurchaseAssociates	1.0
in-gaap	Purchase of Government Securities	PurchaseGovernmentSecurities	-1.0
in-gaap	Purchase of Equity Securities	PurchaseEquitySecurities	-1.0
in-gaap	Purchase of in Debt Securities	PurchaseofDebtSecurities	-1.0
in-gaap	Payments for Investing in Derivatives	PaymentsInvestingDerivatives	-1.0
in-gaap	Payments for Investing in Intercorporate Deposits	PaymentsInvestingIntercorporateDeposits	-1.0
in-gaap	Payments for Investing in Bank Deposits	PaymentsInvestingBankDeposits	-1.0
in-gaap	Payment of Application Money on Investments	PaymentApplicationMoneyInvestments	-1.0
in-gaap	Purchase of Other Investments	PurchaseOtherInvestments	-1.0
in-gaap	Payments to Acquire Business	PaymentsAcquireBusiness	-1.0

in-gaap	Loans and Advances to Subsidiaries	LoansAdvancestoSubsidiaries	-1.0
in-gaap	Loans to Subsidiaries	LoanstoSubsidiaries	1.0
in-gaap	Advances to Subsidiaries	AdvancestoSubsidiaries	1.0
in-gaap	Loans and Advances to Others	LoansAdvancestoOthers	-1.0
in-gaap	Loans to Others	LoanstoOthers	1.0
in-gaap	Advances to Others	AdvancestoOthers	1.0
in-gaap	Proceeds from Sale or Disposal of Fixed Assets	ProceedsSaleDisposalFixedAssets	1.0
in-gaap	Proceeds from Sale or Disposal of Tangible Fixed Assets	ProceedsSaleDisposalTangibleFixedAssets	1.0
in-gaap	Proceeds from Sale or Disposal of Intangible Fixed Assets	ProceedsSaleDisposalIntangibleFixedAssets	1.0
in-gaap	Proceeds from Disposal of Capital Work in Progress	ProceedsDisposalCapitalWorkProgress	1.0
in-gaap	Proceeds from Disposal of Other Assets	ProceedsDisposalOtherAssets	1.0
in-gaap	Proceeds from Sale or Disposal of Investment Property	ProceedsSaleDisposalInvestmentProperty	1.0
in-gaap	Proceeds from Disposal of Subsidiaries Joint Ventures and Associates	ProceedsDisposalSubsidiariesJointVenturesAssociates	1.0
in-gaap	Proceeds from Disposal of Subsidiaries	ProceedsDisposalSubsidiaries	1.0
in-gaap	Proceeds from Disposal of Joint Ventures	ProceedsDisposalJointVentures	1.0
in-gaap	Proceeds from Disposal of Associates	ProceedsDisposalAssociates	1.0
in-gaap	Proceeds from Sale or Redemption of Investments in Government Securities	ProceedsSaleRedemptionInvestmentsGovernmentSecurities	1.0

in-gaap	Proceeds from Sale or Redemption of Investments in Equity Securities	ProceedsSaleRedemptionInvestmentsEquitySecurities	1.0
in-gaap	Proceeds from Sale or Redemption of Investments in Debt Securities	ProceedsSaleRedemptionInvestmentsDebtSecurities	1.0
in-gaap	Proceeds from Investments in Derivatives	ProceedsInvestmentsDerivatives	1.0
in-gaap	Proceeds from Sale or Redemption of Investments in Intercorporate Deposits	ProceedsSaleRedemptionInvestmentsIntercorporateDeposits	1.0
in-gaap	Proceeds from Sale or Redemption of Investments in Bank Deposits	ProceedsSaleRedemptionInvestmentsBankDeposits	1.0
in-gaap	Proceeds from Refund of Advance Paid on Investments	ProceedsRefundAdvancePaidonInvestments	1.0
in-gaap	Proceeds from Disposal of Other Investments	ProceedsDisposalOtherInvestments	1.0
in-gaap	Proceeds from Sale of Business	ProceedsSaleBusiness	1.0
in-gaap	Proceeds from Repayment of Loans and Advances to Subsidiaries	ProceedsRepaymentLoansAdvancestoSubsidiaries	1.0
in-gaap	Proceeds from Repayment of Loans to Subsidiaries	ProceedsRepaymentLoanstoSubsidiaries	1.0
in-gaap	Proceeds from Repayment of Advances to Subsidiaries	ProceedsRepaymentAdvancestoSubsidiaries	1.0
in-gaap	Proceeds from Repayment of Loans and Advances to Others	ProceedsRepaymentLoansAdvancestoOthers	1.0
in-gaap	Proceeds from Repayment of Loans to Others	ProceedsRepaymentLoanstoOthers	1.0
in-gaap	Proceeds from Repayment of Advances to Others	ProceedsRepaymentAdvancestoOthers	1.0
in-gaap	Proceeds from Interest and Dividend on Investments	ProceedsInterestDividendInvestments	1.0
in-gaap	Proceeds from Interest on Investments	ProceedsInterestInvestments	1.0
in-gaap	Proceeds from Interest on Government Securities	ProceedsInterestGovernmentSecurities	1.0

in-gaap	Proceeds from Interest on Debt Securities	ProceedsInterestDebtSecurities	1.0
in-gaap	Proceeds from Interest on Intercorporate Deposits	ProceedsInterestIntercorporateDeposits	1.0
in-gaap	Proceeds from Interest on Bank Deposits	ProceedsInterestBankDeposits	1.0
in-gaap	Proceeds from Other Interest	ProceedsOtherInterest	1.0
in-gaap	Proceeds from Dividend on Investments	ProceedsDividendInvestments	1.0
in-gaap	Proceeds from Dividends on Mutual Funds	ProceedsDividendsMutualFunds	1.0
in-gaap	Proceeds from Dividends from Subsidiaries	ProceedsDividendsSubsidiaries	1.0
in-gaap	Proceeds from Dividends from Other Investments	ProceedsDividendsOtherInvestments	1.0
in-gaap	Increase (Decrease) in Discontinuing Operations	IncreaseDecreaseDiscontinuingOperations	1.0
in-gaap	Extraordinary Items in Investing Activities	ExtraordinaryItemsInvestingActivities	1.0
in-gaap	Other Investing Activities, Net	OtherInvestingActivitiesNet	1.0
in-gaap	Net Cash Flow from (Used in) Financing Activities	NetCashFlowfromUsedinFinancingActivities	1.0
in-gaap	Proceeds from Issue of Share Capital	ProceedsIssueShareCapital	1.0
in-gaap	Proceeds from Issue of Equity Share Capital	ProceedsIssueEquityShareCapital	1.0
in-gaap	Proceeds from Issue of Preference Share Capital	ProceedsIssuePreferenceShareCapital	1.0
in-gaap	Proceeds from Other Equity Changes	ProceedsOtherEquityChanges	1.0
in-gaap	Proceeds from Financial Liabilities	ProceedsFinancialLiabilities	1.0

in-gaap	Proceeds from Long-Term Borrowings	ProceedsLongTermBorrowings	1.0
in-gaap	Proceeds from Short-Term Borrowings	ProceedsShortTermBorrowings	1.0
in-gaap	Proceeds from Loans and Advances from Related Parties	ProceedsLoansAdvancesRelatedParties	1.0
in-gaap	Payments on Buyback or Redemption of Share Capital	PaymentsBuybackRedemptionShareCapital	-1.0
in-gaap	Payments on Buyback of Equity Share Capital	PaymentsBuybackEquityShareCapital	1.0
in-gaap	Payments on Redemption of Preference Share Capital	PaymentsRedemptionPreferenceShareCapital	1.0
in-gaap	Payments on Other Equity Changes	PaymentsOtherEquityChanges	1.0
in-gaap	Repayments of Financial Liabilities	RepaymentsFinancialLiabilities	-1.0
in-gaap	Repayments of Long-Term Borrowings	RepaymentsLongTermBorrowings	1.0
in-gaap	Repayments of Short-Term Borrowings	RepaymentsShortTermBorrowings	1.0
in-gaap	Repayments of Loans and Advances to Related Parties	RepaymentsLoansAdvancesRelatedParties	-1.0
in-gaap	Share and Debt Issue Expenses	ShareDebtIssueExpenses	-1.0
in-gaap	Share Issue Expenses	ShareIssueExpenses	1.0
in-gaap	Debt Issue Expenses	DebtIssueExpenses	1.0
in-gaap	Interest and Financial Expenses Paid	InterestFinancialExpensesPaid	-1.0
in-gaap	Interest Expense on Long-Term Loans Paid	InterestExpenseLongTermLoansPaid	1.0
in-gaap	Interest Expense on Short-Term Loans Paid	InterestExpenseShortTermLoansPaid	1.0

in-gaap	Interest Expense on Debt Securities Paid	InterestExpenseDebtSecuritiesPaid	1.0
in-gaap	Interest Expense on Intercorporate Deposits Paid	InterestExpenseIntercorporateDepositsPaid	1.0
in-gaap	Interest Expense on Bank Borrowings Paid	InterestExpenseBankBorrowingsPaid	1.0
in-gaap	Interest Expenses Other Paid	InterestExpensesOtherPaid	1.0
in-gaap	Dividend and Dividend Distribution Tax Paid	DividendDividendDistributionTaxPaid	-1.0
in-gaap	Dividend Paid	DividendPaid	1.0
in-gaap	Dividend on Equity Shares Paid	DividendEquitySharesPaid	1.0
in-gaap	Dividend on Preference Shares Paid	DividendPreferenceSharesPaid	1.0
in-gaap	Dividend Distribution Tax Paid	DividendDistributionTaxPaid	1.0
in-gaap	Dividend Distribution Tax on Equity Shares Paid	DividendDistributionTaxEquitySharesPaid	1.0
in-gaap	Dividend Distribution Tax on Preference Shares Paid	DividendDistributionTaxPreferenceSharesPaid	1.0
in-gaap	Amounts Transferred to Investor Education Protection Fund	AmountsTransferredInvestorEducationProtectionFund	-1.0
in-gaap	Net Change in Reserves	NetChangeReserves	1.0
in-gaap	Net Change in Subsidy	NetChangeSubsidy	1.0
in-gaap	Net Change in Discontinuing Operations	NetChangeDiscontinuingOperations	1.0
in-gaap	Extraordinary Items in Financing Activities	ExtraordinaryItemsFinancingActivities	1.0
in-gaap	Other Financing Activities, Net	OtherFinancingActivitiesNet	1.0

in-gaap	Effect of Foreign Exchange on Cash and Cash Equivalents	EffectForeignExchangeCashCashEquivalents	1.0
Extended Link	CashFlowDirect		
prefix	label	name	weight
in-gaap	Net Increase (Decrease) in Cash and Cash Equivalents	NetIncreaseDecreaseCashCashEquivalents	0.0
in-gaap	Net Cash Flow from (Used in) Operating Activities	NetCashFlowfromUsedinOperatingActivities	1.0
in-gaap	Cash Generated from Operations	CashfromGeneratedOperations	1.0
in-gaap	Receipts from Customers	ReceiptsfromCustomers	1.0
in-gaap	Receipts from Government Grants	ReceiptsfromGovernmentGrants	1.0
in-gaap	Payments to Suppliers	PaymentstoSuppliers	-1.0
in-gaap	Payments to Employees	PaymentstoEmployees	-1.0
in-gaap	Payments for Research and Development Expenditures	PaymentsforResearchDevelopmentExpenditures	-1.0
in-gaap	Payments on Behalf of Employees	PaymentsBehalfofEmployees	-1.0
in-gaap	Payments for Restructuring Expenditures	PaymentsRestructuringExpenditures	-1.0
in-gaap	Payments Received and Remitted for Value Added Taxes	PaymentsReceivedRemittedValueAddedTaxes	-1.0
in-gaap	Other Cash Receipts (Payments)	OtherCashReceiptsPayments	1.0

in-gaap	Cash Flows from (Used in) Other Operating Activities	CashFlowsfromUsedinOtherOperatingActivitiesTotal	1.0
in-gaap	Proceeds from Dividends Received Classified as Operating	ProceedsDividendsReceivedClassifiedasOperating	1.0
in-gaap	Payments of Dividends Classified as Operating	PaymentsDividendsClassifiedasOperating	-1.0
in-gaap	Proceeds from Interest Received Classified as Operating	ProceedsInterestReceivedClassifiedasOperating	1.0
in-gaap	Payments of Interest Classified as Operating	PaymentsInterestClassifiedasOperating	-1.0
in-gaap	Proceeds from Income Taxes Refunded	ProceedsIncomeTaxesRefunded	1.0
in-gaap	Payments of Income Taxes	PaymentsIncomeTaxes	-1.0
in-gaap	Other Inflows (Outflows) from Other Operating Activities	OtherInflowsOutflowsfromOtherOperatingActivities	1.0