

Federal Signal Corp. (FSS)

NYSE; consumer durables; SIC 3711, Motor Vehicles & Passenger Car Bodies; CIK 0000277509

Federal Signal Corp.	
FSS; consumer durables	
Grade	 strongest fifth of 460 graded peers percentile 10.5; sampling error 2.3 points; lower is stronger
Rank	47 of 460
Profitability	C/D  percentile 59.0
Solvency	A/B  percentile 20.0
Growth and financing	A/B  percentile 19.7
Reliability	0.91 AUC filers with \$591M to \$2.67B assets; 95% interval 0.88 to 0.94; 160 events, 2020 to 2025
Peer failure rate	1.01% a year Item 1.03 bankruptcies, same asset band, 2012 to 2025
Size band	\$591M to \$2.67B assets total assets \$2.4B
Standard universe	inside revenue above \$1M and assets above \$10M
Warnings	none active not computable: distress
Inputs computable	13 of 14
Graded from	filings received through Feb 25, 2026 226 days before the rescans; latest periodic filing 10-Q received Jul 30, 2026
Last close	\$112.73 2026-10-08; market equity \$6.9B
Price used in grade	None

Letter at every rescan

Jan 21, 2012 to Oct 9, 2026; sector percentile, stronger toward the top; facts filed by each date only



Business, in the company's words

opening of Item 1 of the 10-K received Feb 25, 2026

Federal Signal Corporation, founded in 1901, was reincorporated as a Delaware corporation in 1969. The Company designs, manufactures, and supplies a suite of products and integrated solutions for municipal, governmental, industrial, and commercial customers.

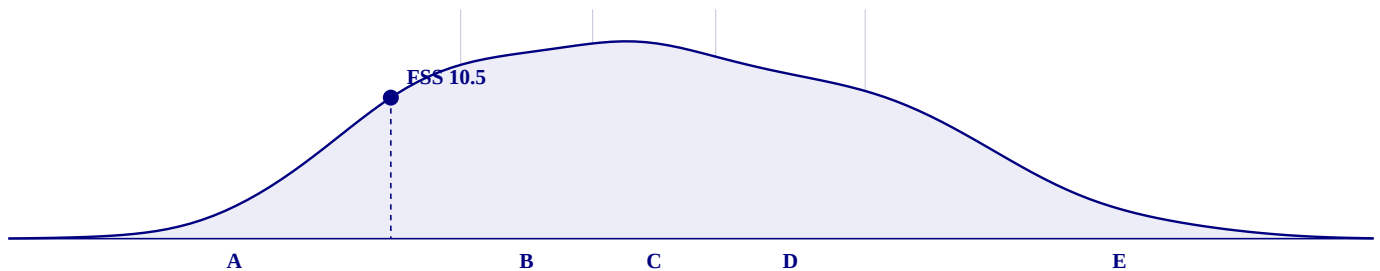
The fourteen inputs

lower percentile is stronger; equal-weighted sleeves

Input	Percentile, 0 to 100	Value	Peer median	Percentile	Peers	Period end
Profitability, sleeve percentile 59.0						
Gross profitability		26.4%	34.4%	60.4	476	2025-12-31
Return on invested capital		16.3%	8.9%	27.2	163	2025-12-31
Accruals ratio		(0.4%)	(5.1%)	85.5	525	2025-12-31
Gross margin stability, five years		2.2 pts	1.7 pts	63.1	407	2025-12-31
Solvency, sleeve percentile 20.0						
Twelve-month failure probability		not computable	0.04%			latest liabilities, cash plus short-term investments, book equity, and shares are required
Altman Z double-prime		5.75	2.11	17.2	402	2025-12-31
Net debt to EBITDA		1.19x	2.11x	37.6	187	2025-12-31
Interest coverage		24.18x	2.57x	9.4	128	2025-12-31
Current ratio		3.02x	1.55x	15.6	541	2025-12-31
Growth and financing, sleeve percentile 19.7						
Revenue growth, three-year compound		15.0%	1.4%	7.1	482	2025-12-31
Free cash flow growth, three-year compound		129.4%	8.3%	2.8	250	2025-12-31
Reinvestment rate		45.5%	12.0%	34.1	265	2025-12-31
Asset growth, three years		16.2%	2.0%	8.6	487	2025-12-31
Net share issuance, one year		(0.3%)	(0.3%)	45.7	382	2026-01-31

Among 460 peers

consumer durables; letters are fifths of this list



Composite score of every graded peer, smoothed; vertical rules are the letter band edges; stronger to the left.

Rank	Company	Percentile	Letter	Warnings
42	Sanfilippo John B & SON Inc. (JBSS)	8.9	A	
43	FirstCash Holdings, Inc. (FCFS)	9.3	A	
44	Pricesmart Inc. (PSMT)	9.7	A	fortress balance sheet
45	Vita Coco Company, Inc. (COCO)	9.8	A	
46	Ulta Beauty, Inc. (ULTA)	10.1	A	
47	Federal Signal Corp. (FSS) <	10.5	A	
48	Eplus Inc. (PLUS)	10.5	A	fortress balance sheet
49	Columbia Sportswear Co. (COLM)	10.6	A	
50	Lovesac Co. (LOVE)	10.9	A	fortress balance sheet
51	Dutch Bros Inc. (BROS)	11.3	A	fortress balance sheet
52	Steven Madden, Ltd. (SHOO)	11.4	A	

What the price implies

at the 2026-10-08 close; none enters the grade

Measure	Value	Peer median	Percentile
Twelve-month price change, skipping the latest month	(1.2%)	(0.2%)	49
Distance from 52-week high	(15.9%)	(25.6%)	68
EBIT to enterprise value	4.7%	5.0%	47
Free cash flow yield	3.3%	4.6%	39
Book value to price	0.22	0.45	32
Sales to price	0.32	1.49	9
Composite equity issuance, five years	(3.2%)	(16.0%)	70
Relative strength against the sector, log excess return	0.01	(0.01)	53

Diagnostics

not in the grade

Measure	Value
Piotroski F-score 8 of 9, period end 2025-12-31	
Return on assets above zero	pass
Operating cash flow above zero	pass
Return on assets improved	pass
Operating cash flow exceeds net income	pass
Long-term leverage fell	fail
Current ratio improved	pass
No new shares issued	pass
Gross margin improved	pass
Asset turnover improved	pass
Cash, filings, liquidity	
Cash and equivalents	\$62.8M
Operating cash flow, four quarters	\$372.5M
Months of runway	not finite
Days since last periodic filing	71 (10-Q received Jul 30, 2026)
Median daily dollar volume, 63 sessions	\$47.2M

Sources

each row links to the filing index on sec.gov

#	Concept	XBRL tag	Value	Period end	Received	Form	Accession
1	gross profit	us-gaap:GrossProfit	\$631.2M	2025-12-31	2026-02-25	10-K	0001628280-26-011576
2	assets	us-gaap:Assets	\$2.4B	2025-12-31	2026-02-25	10-K	0001628280-26-011576
3	operating income	us-gaap:OperatingIncomeLoss	\$340.9M	2025-12-31	2026-02-25	10-K	0001628280-26-011576
4	pretax income	us-gaap:IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraord	\$314.5M	2025-12-31	2026-02-25	10-K	0001628280-26-011576
5	income tax	us-gaap:IncomeTaxExpenseBenefit	\$77.9M	2025-12-31	2026-02-25	10-K	0001628280-26-011576
6	total debt	us-gaap:LongTermDebtAndCapitalLeaseObligations	\$564.6M	2025-12-31	2026-02-25	10-K	0001628280-26-011576
7	book equity	us-gaap:StockholdersEquity	\$1.4B	2025-12-31	2026-02-25	10-K	0001628280-26-011576
8	cash	us-gaap:CashAndCashEquivalentsAtCarryingValue	\$63.7M	2025-12-31	2026-02-25	10-K	0001628280-26-011576
9	total debt	us-gaap:LongTermDebtAndCapitalLeaseObligations	\$204.4M	2024-12-31	2026-02-25	10-K	0001628280-26-011576
10	book equity	us-gaap:StockholdersEquity	\$1.2B	2024-12-31	2026-02-25	10-K	0001628280-26-011576
11	cash	us-gaap:CashAndCashEquivalentsAtCarryingValue	\$91.1M	2024-12-31	2026-02-25	10-K	0001628280-26-011576
12	net income	us-gaap:NetIncomeLoss	\$246.6M	2025-12-31	2026-02-25	10-K	0001628280-26-011576
13	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	\$254.7M	2025-12-31	2026-02-25	10-K	0001628280-26-011576
14	assets	us-gaap:Assets	\$1.8B	2024-12-31	2026-02-25	10-K	0001628280-26-011576
15	revenue	us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax	\$2.2B	2025-12-31	2026-02-25	10-K	0001628280-26-011576
16	gross profit	us-gaap:GrossProfit	\$533.0M	2024-12-31	2026-02-25	10-K	0001628280-26-011576
17	revenue	us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax	\$1.9B	2024-12-31	2026-02-25	10-K	0001628280-26-011576
18	gross profit	us-gaap:GrossProfit	\$450.2M	2023-12-31	2026-02-25	10-K	0001628280-26-011576
19	revenue	us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax	\$1.7B	2023-12-31	2026-02-25	10-K	0001628280-26-011576
20	gross profit	us-gaap:GrossProfit	\$344.9M	2022-12-31	2025-02-26	10-K	0000277509-25-000012
21	revenue	us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax	\$1.4B	2022-12-31	2025-02-26	10-K	0000277509-25-000012
22	gross profit	us-gaap:GrossProfit	\$288.7M	2021-12-31	2024-02-27	10-K	0000277509-24-000005
23	revenue	us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax	\$1.2B	2021-12-31	2024-02-27	10-K	0000277509-24-000005

24	current assets	us-gaap:AssetsCurrent	\$853.8M	2025-12-31	2026-02-25	10-K	0001628280-26-011576
25	current liabilities	us-gaap:LiabilitiesCurrent	\$282.4M	2025-12-31	2026-02-25	10-K	0001628280-26-011576
26	retained earnings	us-gaap:RetainedEarningsAccumulatedDeficit	\$1.3B	2025-12-31	2026-02-25	10-K	0001628280-26-011576
27	liabilities	us-gaap:Liabilities	\$1.0B	2025-12-31	2026-02-25	10-K	0001628280-26-011576
28	depreciation amortization	us-gaap:DepreciationDepletionAndAmortization	\$80.5M	2025-12-31	2026-02-25	10-K	0001628280-26-011576
29	interest expense	us-gaap:InterestExpense	\$14.1M	2025-12-31	2026-02-25	10-K	0001628280-26-011576
30	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	\$27.6M	2025-12-31	2026-02-25	10-K	0001628280-26-011576
31	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	\$231.3M	2024-12-31	2026-02-25	10-K	0001628280-26-011576
32	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	\$40.6M	2024-12-31	2026-02-25	10-K	0001628280-26-011576
33	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	\$194.4M	2023-12-31	2026-02-25	10-K	0001628280-26-011576
34	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	\$30.3M	2023-12-31	2026-02-25	10-K	0001628280-26-011576
35	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	\$71.8M	2022-12-31	2025-02-26	10-K	0000277509-25-000012
36	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	\$53.0M	2022-12-31	2025-02-26	10-K	0000277509-25-000012
37	current assets	us-gaap:AssetsCurrent	\$642.5M	2024-12-31	2026-02-25	10-K	0001628280-26-011576
38	current liabilities	us-gaap:LiabilitiesCurrent	\$241.8M	2024-12-31	2026-02-25	10-K	0001628280-26-011576
39	assets	us-gaap:Assets	\$1.6B	2023-12-31	2026-02-25	10-K	0001628280-26-011576
40	assets	us-gaap:Assets	\$1.5B	2022-12-31	2025-02-26	10-K	0000277509-25-000012
41	shares outstanding	dei:EntityCommonStockSharesOutstanding	60,888,150	2026-01-31	2026-02-25	10-K	0001628280-26-011576
42	shares outstanding	dei:EntityCommonStockSharesOutstanding	61,097,074	2025-01-31	2025-02-26	10-K	0000277509-25-000012