Federal Signal Corp. FSS

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

A

strongest fifth of 457 graded peers in the pooled consumer gr...

rank 48 of 457; percentile 10.5; sampling error 2.3 points; lower is stronger

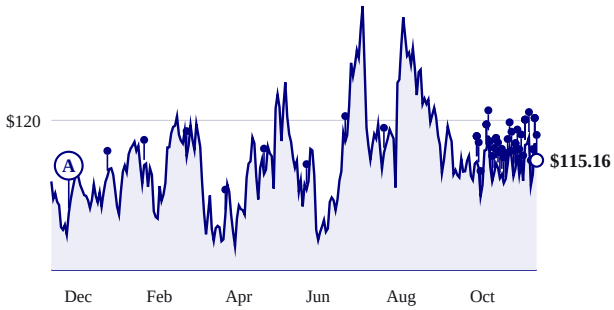
A B C D E

A, the bull



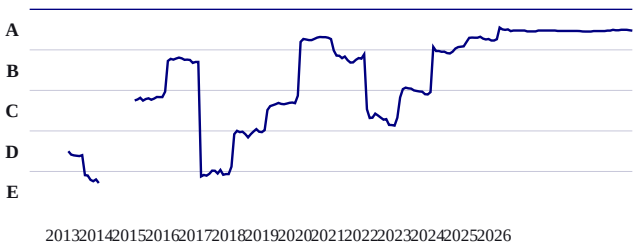
Scoreboard	
Profitability	C/D percentile 59.1
Solvency	A/B percentile 19.6
Growth and financing	A/B percentile 20.1
Reliability	0.91 AUC filers with $591M to $2.67B assets; 95% interval 0.88 to 0.94; 160 events, 2020 to 2025
Peer failure rate	1.01% a year Item 1.03 bankruptcies, same asset band, 2012 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 triggered not computable: distress
Inputs computable	13 of 14
Graded from	filings received through Feb 25, 2026 259 days before the rescan; latest periodic filing 10-Q received Oct 29, 2026
Last close	$115.29 2026-11-10; market equity $7.0B; no price enters the letter

Share price, twelve months to the rescan



Split-adjusted close. Each lollipop is a rescan and carries the letter held then.

Letter at every rescan, 2012 to 2026



Sector percentile at each rescan, 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; sleeves and inputs within a sleeve carry equal weight

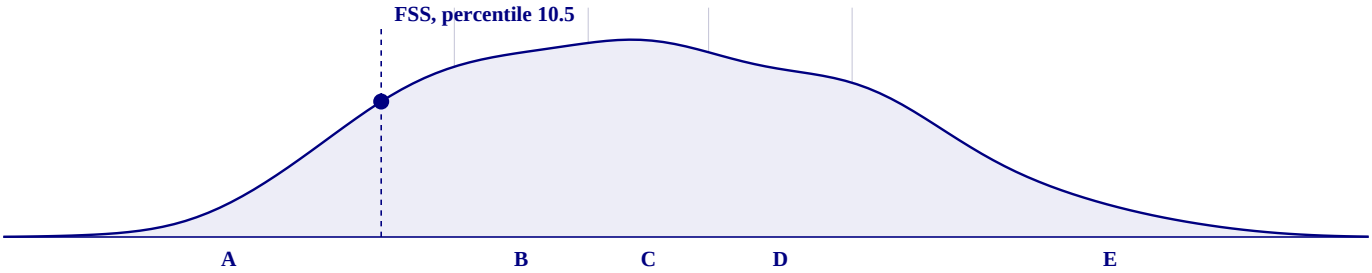
Input	Value	Peer median	Percentile, 0 to 100	Pct	Peers	Period end
Profitability, sleeve percentile 59.1						
Gross profitability	26.4%	34.4%		61.1	472	2025-12-31
Return on invested capital	16.3%	8.9%		26.5	163	2025-12-31
Accruals ratio	(0.4%)	(5.1%)		87.1	520	2025-12-31
Gross margin stability, five years	2.2 pts	1.7 pts		61.6	405	2025-12-31
Solvency, sleeve percentile 19.6						

Not investment advice. Informational and educational only. Data from SEC EDGAR, may contain errors, is not warranted. The grade ranks reported financial condition and is not a return forecast.

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	2.12	16.1	398	2025-12-31
Net debt to EBITDA	1.19x	2.11x	37.0	185	2025-12-31
Interest coverage	24.18x	2.71x	9.9	122	2025-12-31
Current ratio	3.02x	1.60x	15.4	540	2025-12-31
Growth and financing, sleeve percentile 20.1					
Revenue growth, three-year compound	15.0%	1.4%	7.1	479	2025-12-31
Free cash flow growth, three-year compound	129.4%	7.4%	2.4	254	2025-12-31
Reinvestment rate	45.5%	22.6%	37.1	265	2025-12-31
Asset growth, three years	16.2%	2.0%	8.3	482	2025-12-31
Net share issuance, one year	(0.3%)	(0.3%)	45.8	381	2026-01-31

Among 457 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
43	Eplus Inc. (PLUS)	9.5	A	fortress balance sheet
44	Jerash Holdings (Us), Inc. (JRSH)	9.7	A	fortress balance sheet
45	Dutch Bros Inc. (BROS)	9.9	A	fortress balance sheet
46	Amcon Distributing Co. (DIT)	10.3	A	
47	Vita Coco Company, Inc. (COCO)	10.5	A	
48	Federal Signal Corp. (FSS)	10.5	A	
49	Lovesac Co. (LOVE)	10.7	A	fortress balance sheet
50	Watsco Inc. (WSO)	11.3	A	fortress balance sheet
51	Watsco Inc. (WSO-B)	11.3	A	fortress balance sheet
52	Steven Madden, Ltd. (SHOO)	11.3	A	
53	Weis Markets Inc. (WMK)	11.9	A	late filer

What the price implies

at the 2026-11-10 close; none of these enters the grade

Measure	Value	Peer median	Percentile
Twelve-month price change, skipping the latest month	(5.6%)	(1.9%)	44
Distance from 52-week high	(14.0%)	(21.8%)	63
EBIT to enterprise value	4.6%	4.7%	48
Free cash flow yield	3.2%	4.0%	41
Book value to price	0.22	0.42	31
Sales to price	0.31	1.41	10
Composite equity issuance, five years	(3.2%)	(16.4%)	70
Relative strength against the sector, log excess return	0.03	0.04	49

Not investment advice. Informational and educational only. Data from SEC EDGAR, may contain errors, is not warranted. The grade ranks reported financial condition and is not a return forecast.

Diagnostics

shown on every report; none enters 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	$73.7M
Operating cash flow, four quarters	$402.8M
Months of runway	not finite
Days since last periodic filing	13 (10-Q received Oct 29, 2026)
Median daily dollar volume, 63 sessions	$47.2M

Sources

every fact behind the inputs; each row links to its 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	26-011576
2	assets	us-gaap:Assets	$2.4B	2025-12-31	2026-02-25	10-K	26-011576
3	operating income	us-gaap:OperatingIncomeLoss	$340.9M	2025-12-31	2026-02-25	10-K	26-011576
4	pretax income	us-gaap:IncomeLossFromContinuingOperationsBeforeInc...	$324.5M	2025-12-31	2026-02-25	10-K	26-011576
5	income tax	us-gaap:IncomeTaxExpenseBenefit	$77.9M	2025-12-31	2026-02-25	10-K	26-011576
6	total debt	us-gaap:LongTermDebtAndCapitalLeaseObligations	$564.6M	2025-12-31	2026-02-25	10-K	26-011576
7	book equity	us-gaap:StockholdersEquity	$1.4B	2025-12-31	2026-02-25	10-K	26-011576
8	cash	us-gaap:CashAndCashEquivalentsAtCarryingValue	$63.7M	2025-12-31	2026-02-25	10-K	26-011576
9	total debt	us-gaap:LongTermDebtAndCapitalLeaseObligations	$204.4M	2024-12-31	2026-02-25	10-K	26-011576
10	book equity	us-gaap:StockholdersEquity	$1.2B	2024-12-31	2026-02-25	10-K	26-011576
11	cash	us-gaap:CashAndCashEquivalentsAtCarryingValue	$91.1M	2024-12-31	2026-02-25	10-K	26-011576
12	net income	us-gaap:NetIncomeLoss	$246.6M	2025-12-31	2026-02-25	10-K	26-011576
13	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	$254.7M	2025-12-31	2026-02-25	10-K	26-011576
14	assets	us-gaap:Assets	$1.8B	2024-12-31	2026-02-25	10-K	26-011576
15	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$2.2B	2025-12-31	2026-02-25	10-K	26-011576
16	gross profit	us-gaap:GrossProfit	$533.0M	2024-12-31	2026-02-25	10-K	26-011576
17	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$1.9B	2024-12-31	2026-02-25	10-K	26-011576
18	gross profit	us-gaap:GrossProfit	$450.2M	2023-12-31	2026-02-25	10-K	26-011576
19	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$1.7B	2023-12-31	2026-02-25	10-K	26-011576
20	gross profit	us-gaap:GrossProfit	$344.9M	2022-12-31	2025-02-26	10-K	25-000012
21	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$1.4B	2022-12-31	2025-02-26	10-K	25-000012
22	gross profit	us-gaap:GrossProfit	$288.7M	2021-12-31	2024-02-27	10-K	24-000005
23	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$1.2B	2021-12-31	2024-02-27	10-K	24-000005
24	current assets	us-gaap:AssetsCurrent	$853.8M	2025-12-31	2026-02-25	10-K	26-011576
25	current liabilities	us-gaap:LiabilitiesCurrent	$282.4M	2025-12-31	2026-02-25	10-K	26-011576
26	retained earnings	us-gaap:RetainedEarningsAccumulatedDeficit	$1.3B	2025-12-31	2026-02-25	10-K	26-011576
27	liabilities	us-gaap:Liabilities	$1.0B	2025-12-31	2026-02-25	10-K	26-011576
28	depreciation amortization	us-gaap:DepreciationDepletionAndAmortization	$80.5M	2025-12-31	2026-02-25	10-K	26-011576
29	interest expense	us-gaap:InterestExpense	$14.1M	2025-12-31	2026-02-25	10-K	26-011576
30	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	$27.6M	2025-12-31	2026-02-25	10-K	26-011576
31	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	$231.3M	2024-12-31	2026-02-25	10-K	26-011576

Not investment advice. Informational and educational only. Data from SEC EDGAR, may contain errors, is not warranted. The grade ranks reported financial condition and is not a return forecast.

32	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	$40.6M	2024-12-31	2026-02-25	10-K	26-011576
33	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	$194.4M	2023-12-31	2026-02-25	10-K	26-011576
34	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	$30.3M	2023-12-31	2026-02-25	10-K	26-011576
35	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	$71.8M	2022-12-31	2025-02-26	10-K	25-000012
36	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	$53.0M	2022-12-31	2025-02-26	10-K	25-000012
37	current assets	us-gaap:AssetsCurrent	$642.5M	2024-12-31	2026-02-25	10-K	26-011576
38	current liabilities	us-gaap:LiabilitiesCurrent	$241.8M	2024-12-31	2026-02-25	10-K	26-011576
39	assets	us-gaap:Assets	$1.6B	2023-12-31	2026-02-25	10-K	26-011576
40	assets	us-gaap:Assets	$1.5B	2022-12-31	2025-02-26	10-K	25-000012
41	shares outstanding	dei:EntityCommonStockSharesOutstanding	60,888,150	2026-01-31	2026-02-25	10-K	26-011576
42	shares outstanding	dei:EntityCommonStockSharesOutstanding	61,097,074	2025-01-31	2025-02-26	10-K	25-000012

Not investment advice. Informational and educational only. Data from SEC EDGAR, may contain errors, is not warranted. The grade ranks reported financial condition and is not a return forecast.