

# 125388-01

## Half-height Module Internal Chassis

Bently Nevada 125388-01 is the Half-height module Internal Chassis identified in the 3500/05 System Rack spare-parts list. It supports the documented rack hardware arrangement during assembly or maintenance.

|       |               |             |                                                  |
|-------|---------------|-------------|--------------------------------------------------|
| BRAND | Bently Nevada | FAMILY      | Bently Nevada 3500/05 System Rack                |
| PART  | 125388-01     | SYSTEM ROLE | Forms the half-height adapter's internal chassis |

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125388-01

### MANUFACTURER SOURCE RECORD

3500/05 System Rack Datasheet  
Baker Hughes document 141525 Rev. N, 2025

# Product Overview

## SYSTEM FUNCTION

Bently Nevada 125388-01 is the Half-height module Internal Chassis identified in the 3500/05 System Rack spare-parts list. It supports the documented rack hardware arrangement during assembly or maintenance.

### FUNCTION 1

Forms the half-height adapter's internal chassis

### FUNCTION 2

Supports the documented card-guide assembly

### FUNCTION 3

Maintains the rack's half-height module geometry

### FUNCTION 4

Provides an exact spare identity for controlled rack service

## System Components

| COMPONENT           | DOCUMENTED ROLE                                                                                                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host / carrier      | Bently Nevada 3500/05 System Rack                                                                                                                                                                                                                         |
| Primary interface   | Forms the half-height adapter's internal chassis                                                                                                                                                                                                          |
| Engineering context | Use 125388-01 only in the documented 3500/05 rack maintenance context. Record the existing position and adjacent parts before removal, protect the rack backplane and module guides, and complete a visual and functional inspection before energization. |
| Commissioning duty  | Energize under control and verify recognition and diagnostics for every affected slot.                                                                                                                                                                    |

## TECHNICAL NOTE

Verify 125388-01 against the 3500/05 rack service record before installation. Preserve the associated rack hardware, alignment and fastening arrangement, then inspect the completed assembly before modules are returned to service.

# Technical Data

| PARAMETER                | VALUE                               | PARAMETER              | VALUE               |
|--------------------------|-------------------------------------|------------------------|---------------------|
| Manufacturer part number | 125388-01                           | System family          | 3500/05 System Rack |
| Component description    | Half-height module Internal Chassis | Service classification | Rack hardware spare |
| Documented quantity      | 1 per half-height module adapter    |                        |                     |

## Related Products on Apter Power

| MODEL    | SYSTEM ROLE                    | APTER POWER PAGE                   |
|----------|--------------------------------|------------------------------------|
| 3500/50  | tachometer module              | <a href="#">View 3500/50 page</a>  |
| 3500/64M | 140734-05 pressure monitor     | <a href="#">View 3500/64M page</a> |
| 3500/65  | 145988-02 temperature monitor  | <a href="#">View 3500/65 page</a>  |
| 3500/72M | 176449-08 rod position monitor | <a href="#">View 3500/72M page</a> |
| 3500/92  | 136180-01 gateway module       | <a href="#">View 3500/92 page</a>  |
| 3500/15  | 133292-01 power supply         | <a href="#">View 3500/15 page</a>  |
| 3500/22M | 288055-01 data interface       | <a href="#">View 3500/22M page</a> |
| 3500/25  | enhanced Keyphasor module      | <a href="#">View 3500/25 page</a>  |

### ENGINEERING BOUNDARY

Confirm 125388-01, the 3500/05 rack execution, half-height adapter position, 125565-01 card guide, 04300111 screws, adjacent modules, backplane condition, fastening, grounding and affected-channel diagnostics before release.

# Applications and Precautions

## Common Applications

### Half-height monitor adapter assembly

Rebuilds the internal chassis portion of the documented adapter.

### Module-position repair

Restores the physical carrier structure without changing monitor configuration.

### 3500 rack refurbishment

Supports controlled restoration of a rack fitted for half-height hardware.

### Planned rack hardware maintenance

Provides exact part identity for an inspected and documented service activity.

## Product Precautions

- 1

Confirm the complete 125388-01 marking and the intended half-height adapter position.
- 2

Place the 3500 rack and associated protection channels in the approved maintenance state.
- 3

Isolate rack power according to the installed redundancy procedure.
- 4

Record all removed module positions, guides and fasteners before dismantling.
- 5

Protect the backplane, connectors and adjacent card guides from impact or debris.
- 6

Use the documented 125565-01 guide and 04300111 screw set with the adapter.
- 7

Check alignment and unobstructed module insertion before restoring monitor modules.
- 8

Energize under control and verify recognition and diagnostics for every affected slot.

## IMPORTANT NOTICE

Confirm 125388-01, the 3500/05 rack execution, half-height adapter position, 125565-01 card guide, 04300111 screws, adjacent modules, backplane condition, fastening, grounding and affected-channel diagnostics before release.

| ACCEPTANCE CHECK   | REQUIRED EVIDENCE                                                                      |
|--------------------|----------------------------------------------------------------------------------------|
| Identity           | 125388-01                                                                              |
| Configuration      | Check alignment and unobstructed module insertion before restoring monitor modules.    |
| Functional release | Energize under control and verify recognition and diagnostics for every affected slot. |

# Engineer FAQ

## Q1 What exact function does 125388-01 perform as a Half-height Module Internal Chassis?

It forms the internal chassis of the documented half-height module adapter.

## Q3 Which connection checks are required for 125388-01?

Inspect the rack position, mating hardware and adjacent module clearances before fastening.

## Q5 Which diagnostic evidence should be reviewed for 125388-01?

Check alignment and unobstructed module insertion before restoring monitor modules.

## Q7 How should 125388-01 be commissioned after installation?

Energize under control and verify recognition and diagnostics for every affected slot.

## Q2 Which host system must be confirmed before installing 125388-01?

Confirm the documented Bently Nevada 3500/05 System Rack host and the complete 125388-01 marking before work.

## Q4 How should the installed configuration for 125388-01 be preserved?

Use the documented 125565-01 guide and 04300111 screw set with the adapter.

## Q6 What must be recorded before replacing 125388-01?

Confirm 125388-01, the 3500/05 rack execution, half-height adapter position, 125565-01 card guide, 04300111 screws, adjacent modules, backplane condition, fastening, grounding and affected-channel diagnostics before release.

## Q8 Which model-specific limitation applies to 125388-01?

Protect the backplane, connectors and adjacent card guides from impact or debris.

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