

# AZ1300 and AK1300 Flow Curves

**Report # 30016444 Rev 0**

**May 27, 2009**

**Scope:** This report consolidates many of the flow curves available for the AZ1300 and AK1300 pressure regulators. For product specifications, please refer to the catalog data sheet.

Click on hyperlink to the flow curve index for the desired range.

[\*\*AZ1302 and AK1302 Flow Curve Index\*\*](#)

[\*\*AZ1306 and AK1306 Flow Curve Index\*\*](#)

[\*\*AZ1310 and AK1310 Flow Curve Index\*\*](#)

[\*\*AZ1315 and AK1315 Flow Curve Index\*\*](#)

Advanced Pressure Technology  
687 Technology Way  
Napa, CA 94558  
Telephone: 707-259-0102

## AZ1302 and AK1302 Flow Curve Index

Series	Inlet Pressure, psig (bar)	Outlet Pressures, psig (bar)	Connection Size	Flow Curve Number
AZ1302 AK1302	150 psig (10.3 bar)	25 psig (1.7 bar)	1/2 inch	<a href="#">AZ1302-01</a>
	100 psig (6.9 bar)	25 psig (1.7 bar)	1/2 inch	<a href="#">AZ1302-02</a>
	75 psig (5.2 bar)	15, 25 psig (1.0, 1.7 bar)	1/2 inch	<a href="#">AZ1302-03</a>
	50 psig (3.4 bar)	15, 25 psig (1.0, 1.7 bar)	1/2 inch	<a href="#">AZ1302-04</a>
	30 psig (2.1 bar)	15 psig (1.0 bar)	1/2 inch	<a href="#">AZ1302-05</a>
	25 psig (1.7 bar)	10, 15 psig (0.7, 1.0 bar)	1/2 inch	<a href="#">AZ1302-06</a>

## AZ1306 and AK1306 Flow Curve Index

Series	Inlet Pressure, psig (bar)	Outlet Pressures, psig (bar)	Connection Size	Flow Curve Number
AZ1306 AK1306	150 psig (10.3 bar)	25, 50, 60 psig (1.7, 3.4, 4.1 bar)	1/2 inch	<a href="#">AZ1306-01</a>
	100 psig (6.9 bar)	25, 50, 60 psig (1.7, 3.4, 4.1 bar)	1/2 inch	<a href="#">AZ1306-02</a>
	75 psig (5.2 bar)	25, 50 psig (1.7, 3.4 bar)	1/2 inch	<a href="#">AZ1306-03</a>
	50 psig (3.4 bar)	15, 25 psig (1.0, 1.7 bar)	1/2 inch	<a href="#">AZ1306-04</a>
	30 psig (2.1 bar)	15 psig (1.0 bar)	1/2 inch	<a href="#">AZ1306-05</a>
	25 psig (1.7 bar)	10 psig (0.7 bar)	1/2 inch	<a href="#">AZ1306-06</a>

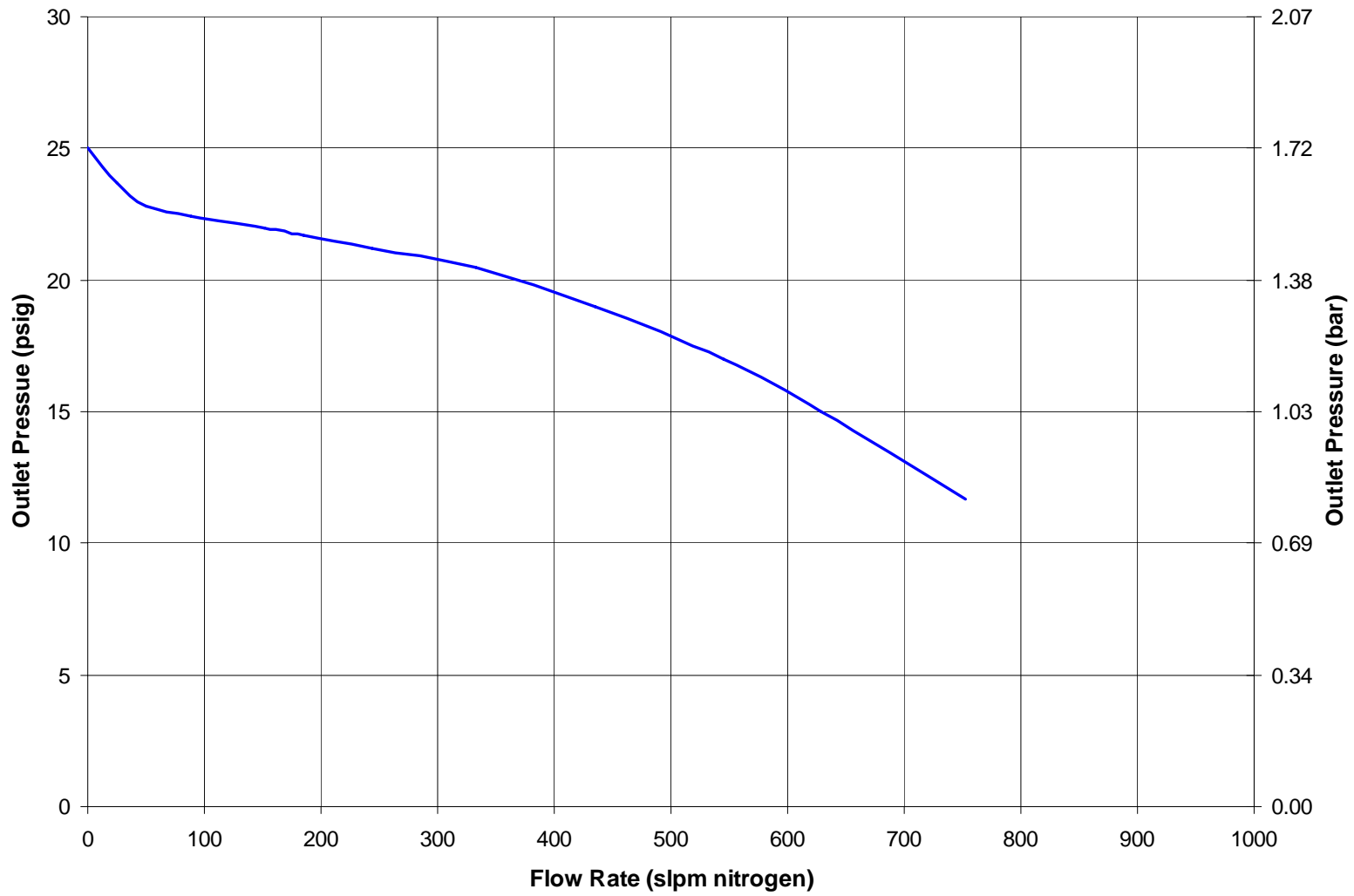
## AZ1310 and AK1310 Flow Curve Index

Series	Inlet Pressure, psig (bar)	Outlet Pressures, psig (bar)	Connection Size	Flow Curve Number
AZ1310 AK1310	150 psig (10.3 bar)	25, 50, 90 psig (1.7, 3.4, 6.2 bar)	1/2 inch	<a href="#">AZ1310-01</a>
	100 psig (6.9 bar)	25, 50, 75 psig (1.7, 3.4, 5.2 bar)	1/2 inch	<a href="#">AZ1310-02</a>
	75 psig (5.2 bar)	25, 50 psig (1.7, 3.4 bar)	1/2 inch	<a href="#">AZ1310-03</a>
	50 psig (3.4 bar)	25 psig (1.7 bar)	1/2 inch	<a href="#">AZ1310-04</a>

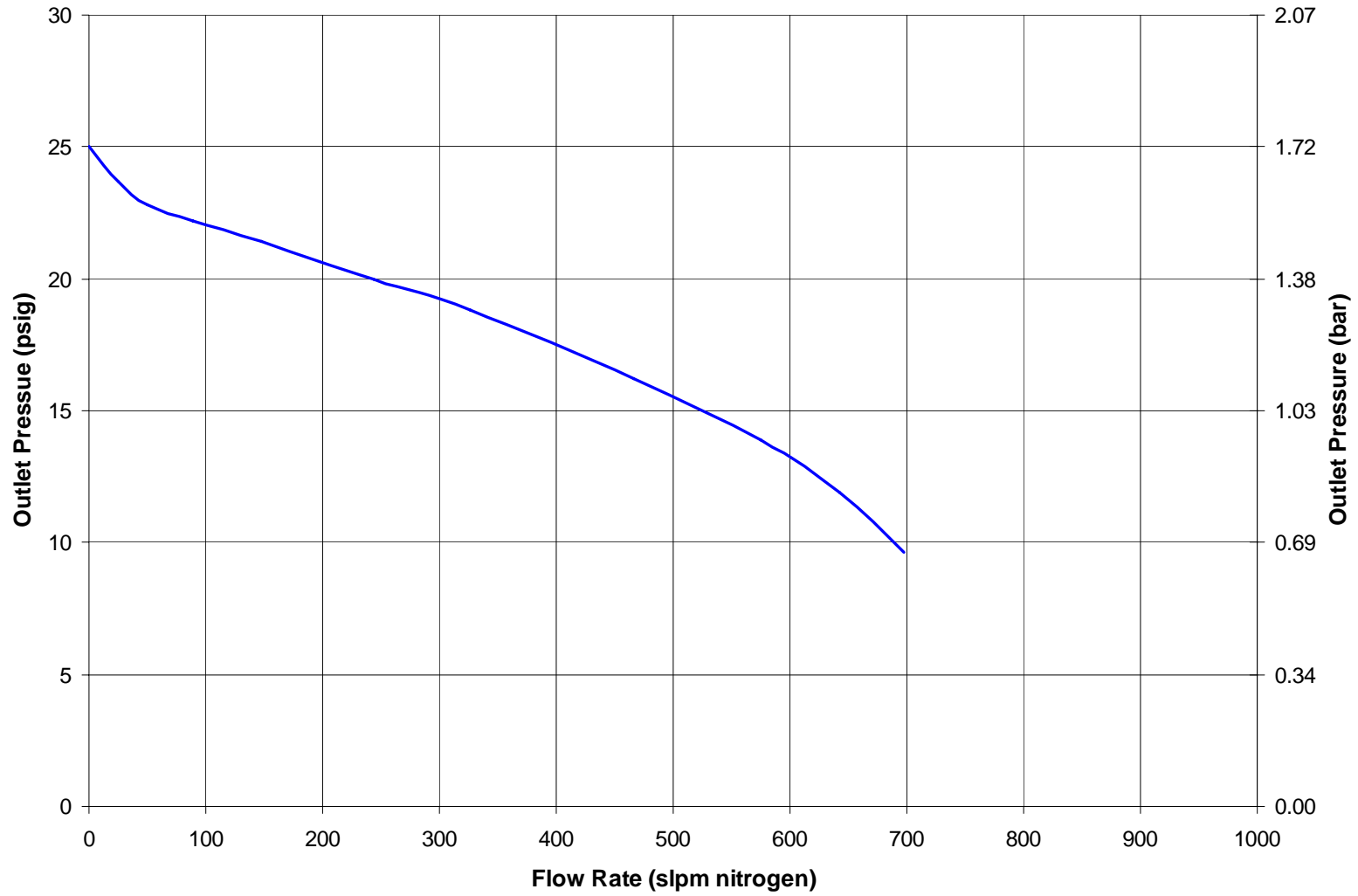
## AZ1315 and AK1315 Flow Curve Index

Series	Inlet Pressure, psig (bar)	Outlet Pressures, psig (bar)	Connection Size	Flow Curve Number
AZ1315 AK1315	150 psig (10.3 bar)	25, 50, 100, 125 psig (1.7, 3.4, 6.9, 8.6 bar)	1/2 inch	<a href="#">AZ1315-01</a>
	100 psig (6.9 bar)	25, 50, 75 psig (1.7, 3.4, 5.2 bar)	1/2 inch	<a href="#">AZ1315-02</a>
	75 psig (5.2 bar)	25, 50 psig (1.7, 3.4 bar)	1/2 inch	<a href="#">AZ1315-03</a>
	50 psig (3.4 bar)	25 psig (1.7 bar)	1/2 inch	<a href="#">AZ1315-04</a>

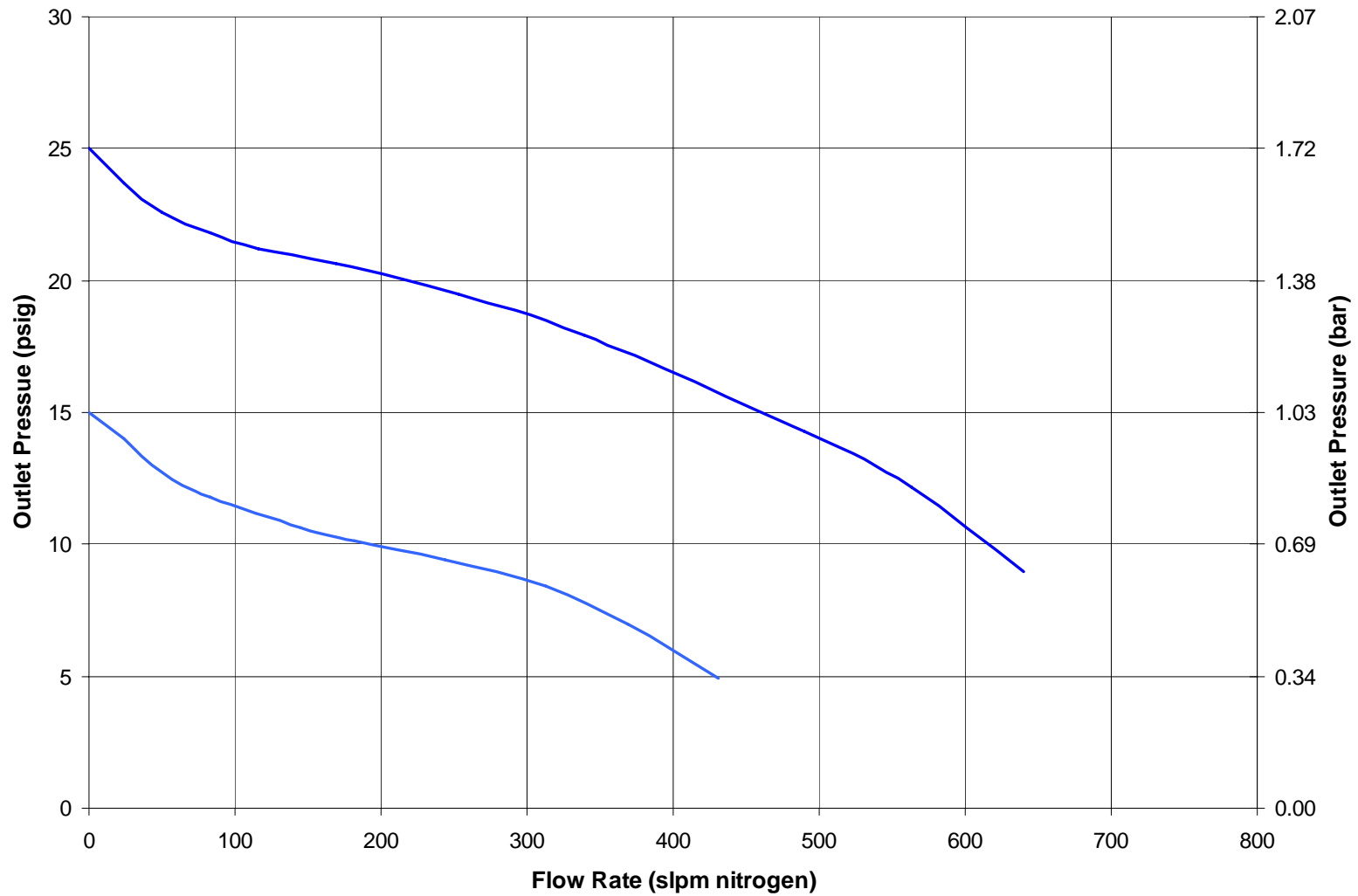
**AZ1302 and AK1302 (1/2 inch connections)  
Flow Test at 150 psig (10.3 bar) Inlet Pressure**



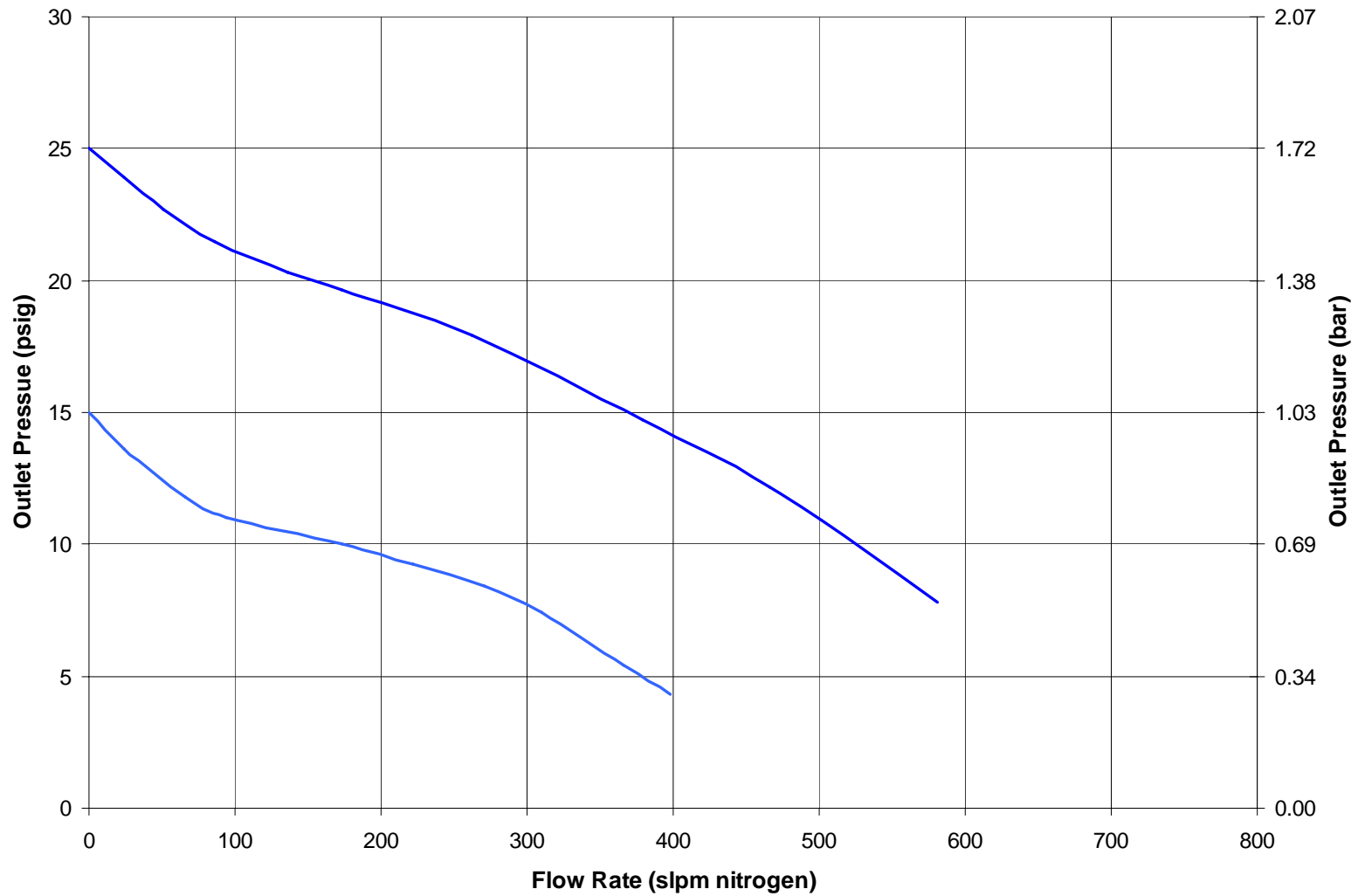
**AZ1302 and AK1302 Regulator (1/2 inch connections)  
Flow Test at 100 psig (6.9 bar) Inlet Pressure**



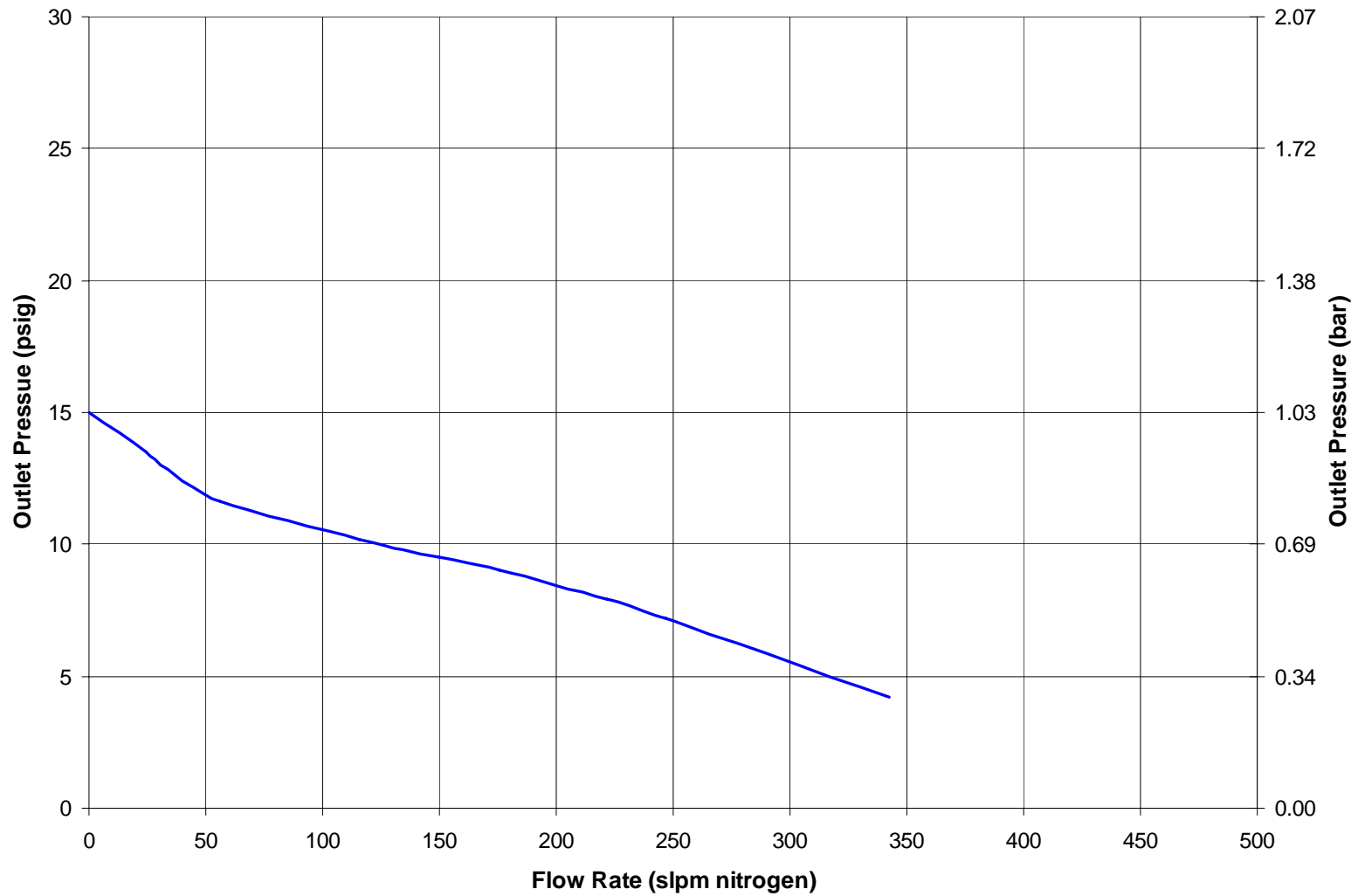
**AZ1302 and AK1302 Regulator (1/2 inch connections)  
Flow Test at 75 psig (5.2 bar) Inlet Pressure**



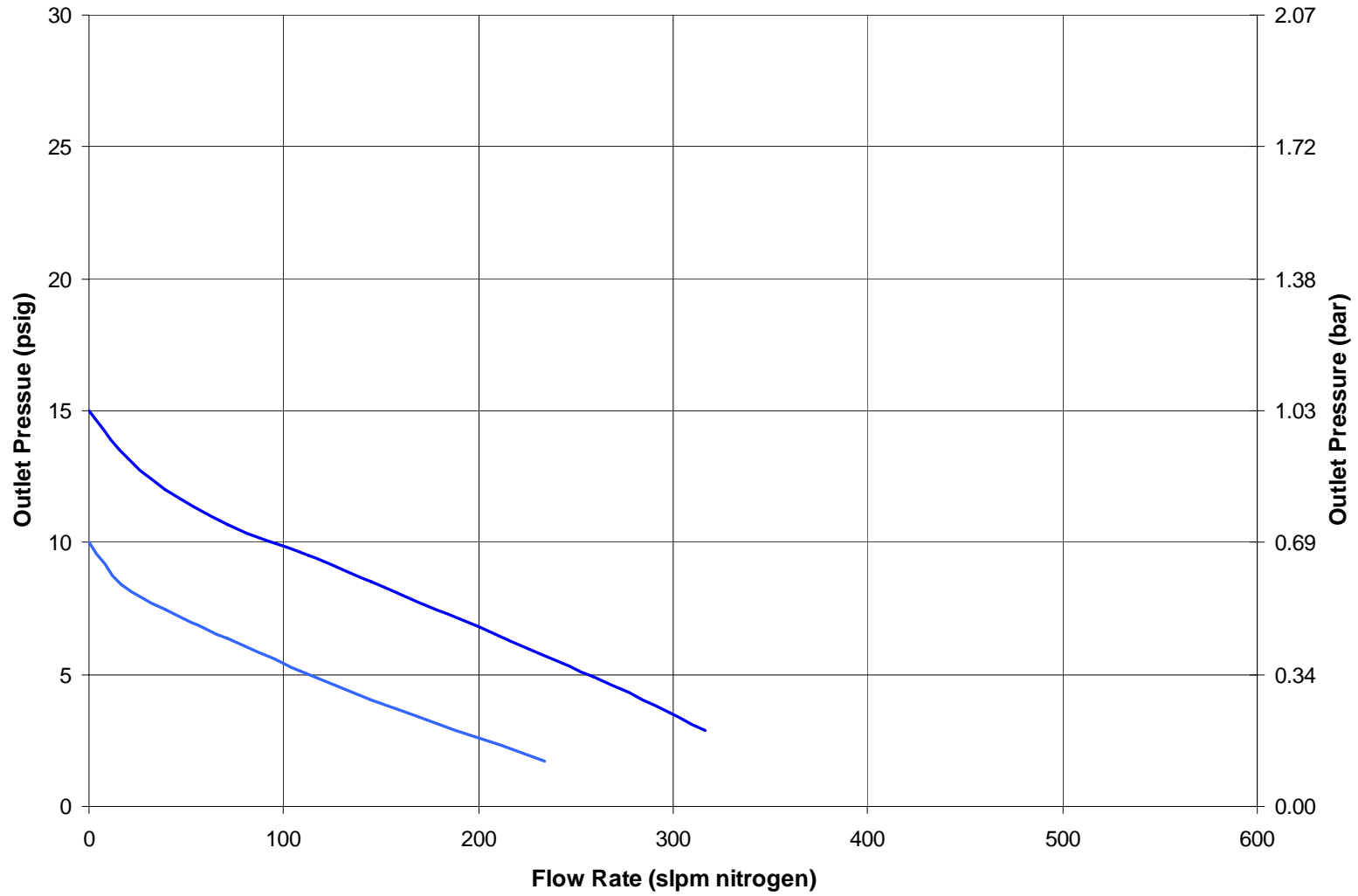
**AZ1302 and AK1302 Regulator (1/2 inch connections)  
Flow Test at 50 psig (3.4 bar) Inlet Pressure**



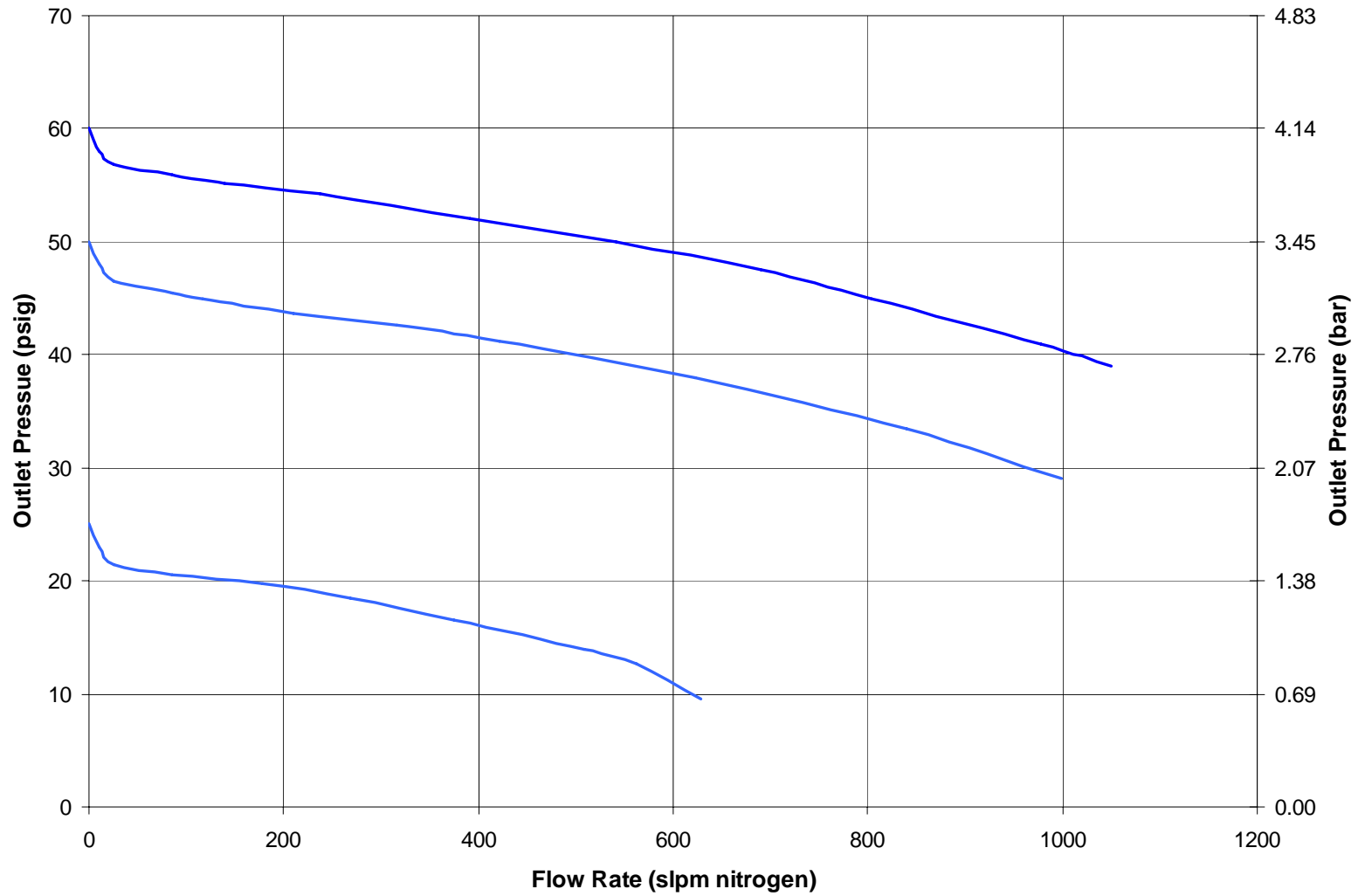
**AZ1302 and AK1302 Regulator (1/2 inch connections)  
Flow Test at 30 psig (2.1 bar) Inlet Pressure**



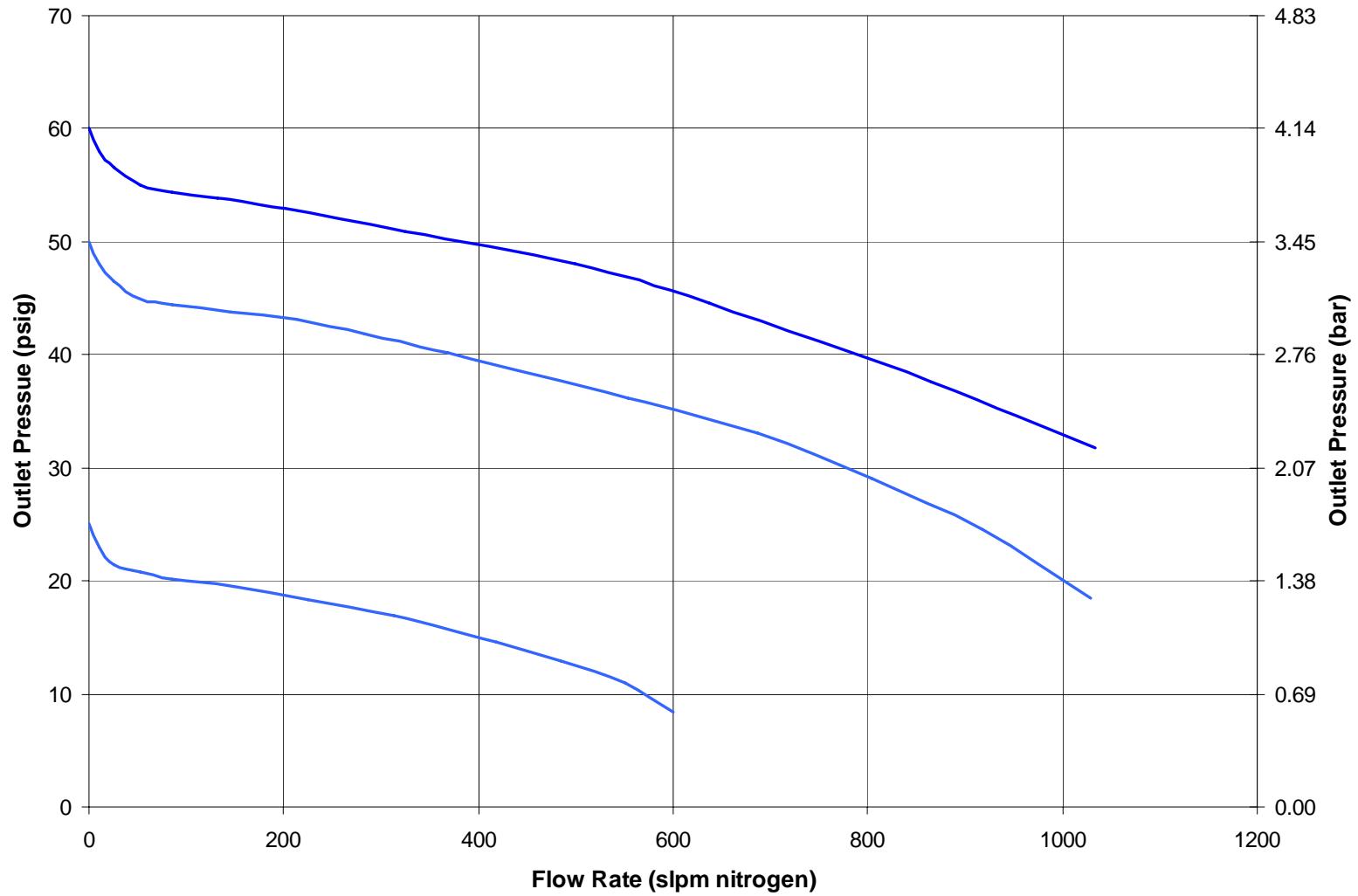
**AZ1302 and AK1302 Regulator (1/2 inch connections)  
Flow Test at 25 psig (1.7 bar) Inlet Pressure**



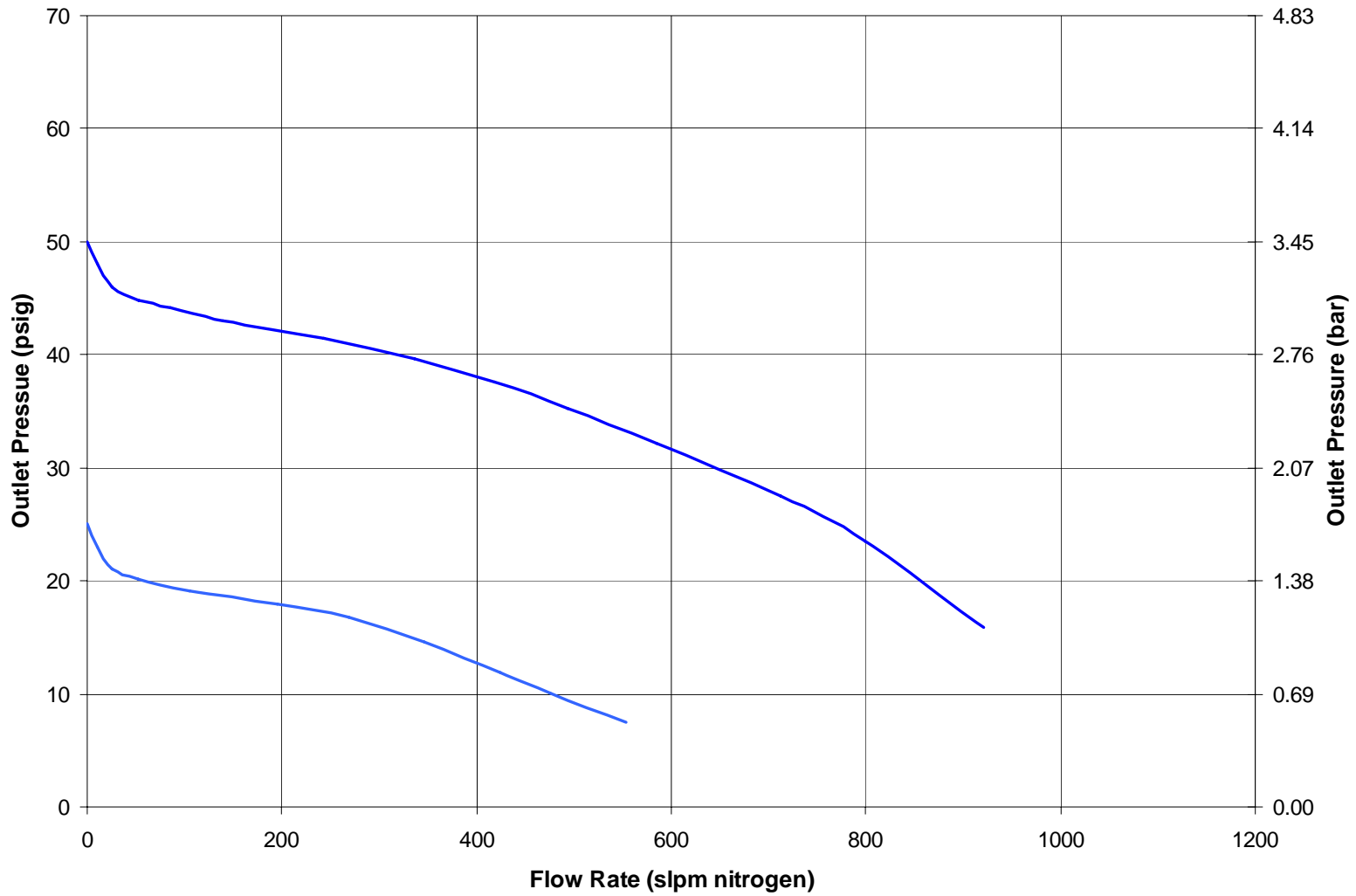
**AZ1306 and AK1306 (1/2 inch connections)  
Flow Test at 150 psig (10.3 bar) Inlet Pressure**



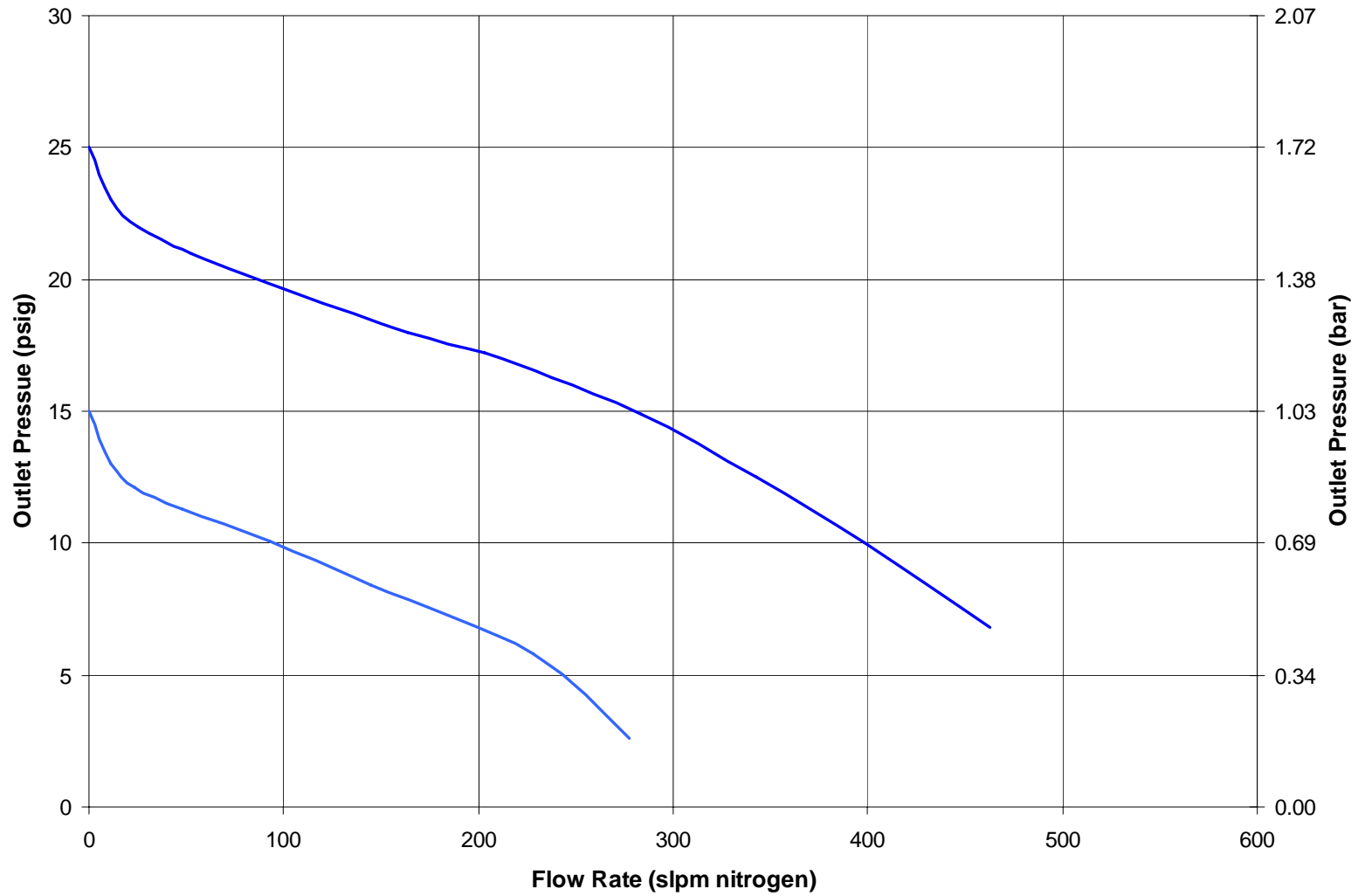
**AZ1306 and AK1306 (1/2 inch connections)  
Flow Test at 100 psig (6.9 bar) Inlet Pressure**



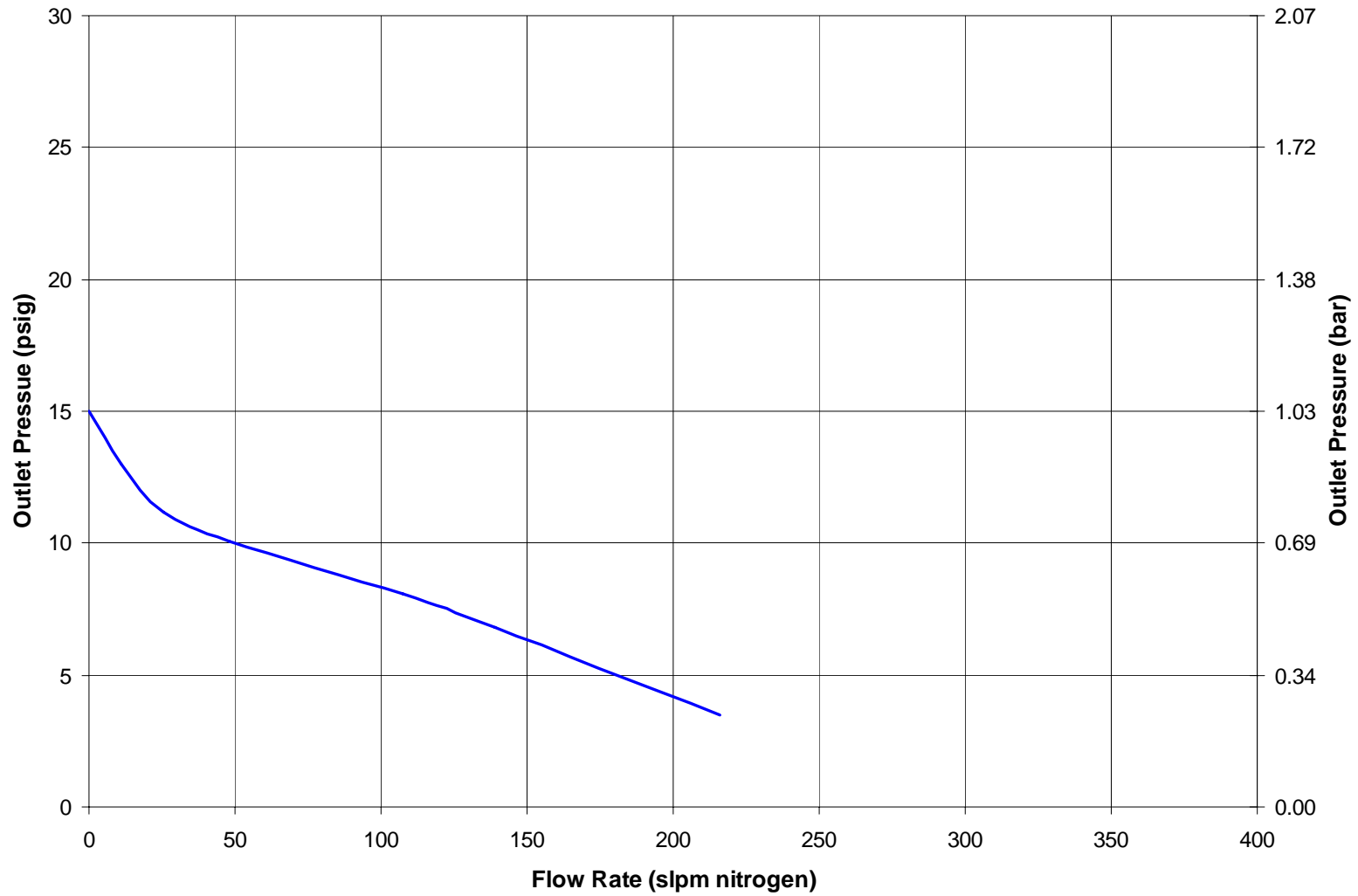
**AZ1306 and AK1306 (1/2 inch connections)  
Flow Test at 75 psig (5.2 bar) Inlet Pressure**



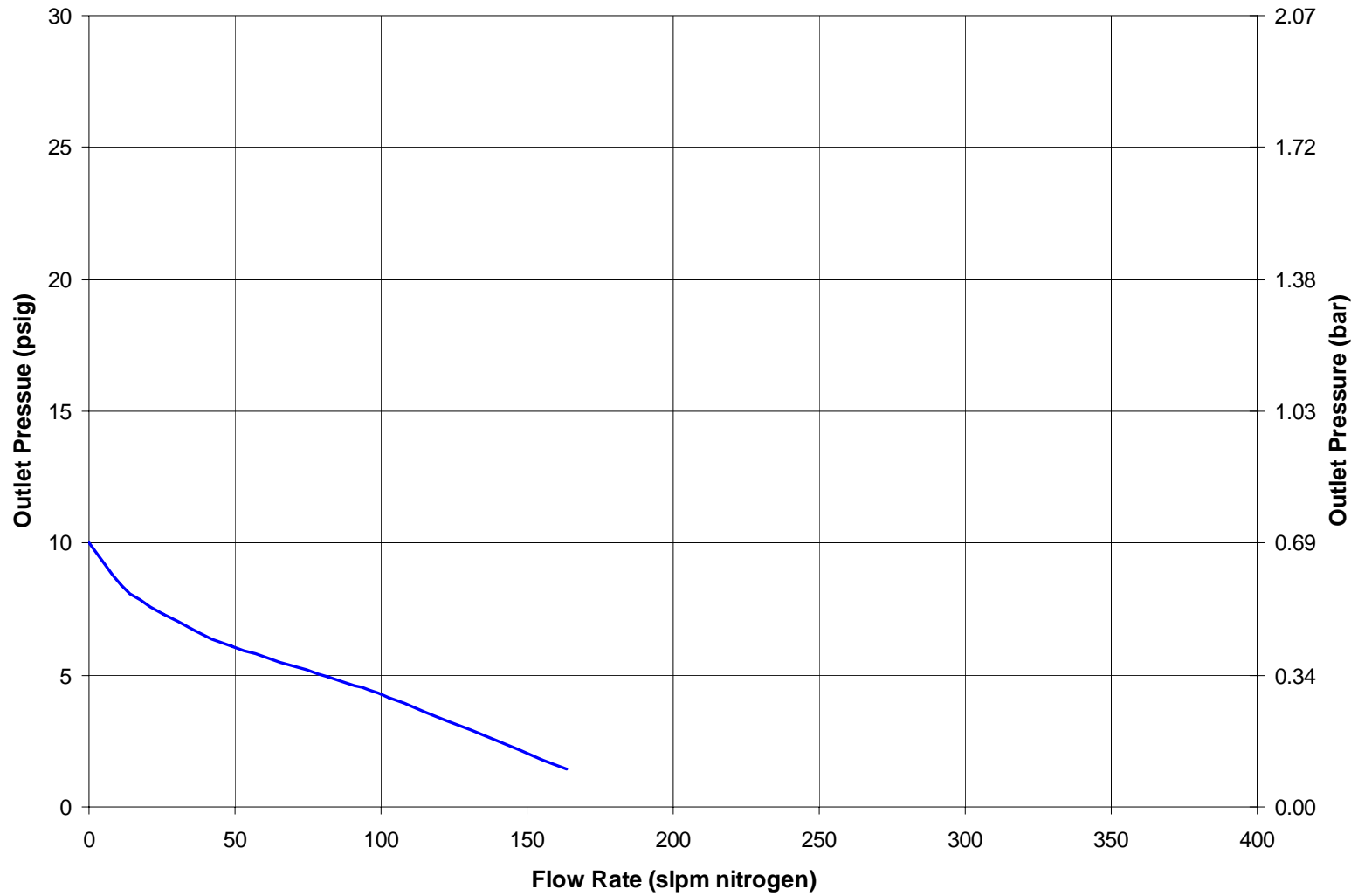
**AZ1306 and AK1306 (1/2 inch connections)  
Flow Test at 50 psig (3.4 bar) Inlet Pressure**



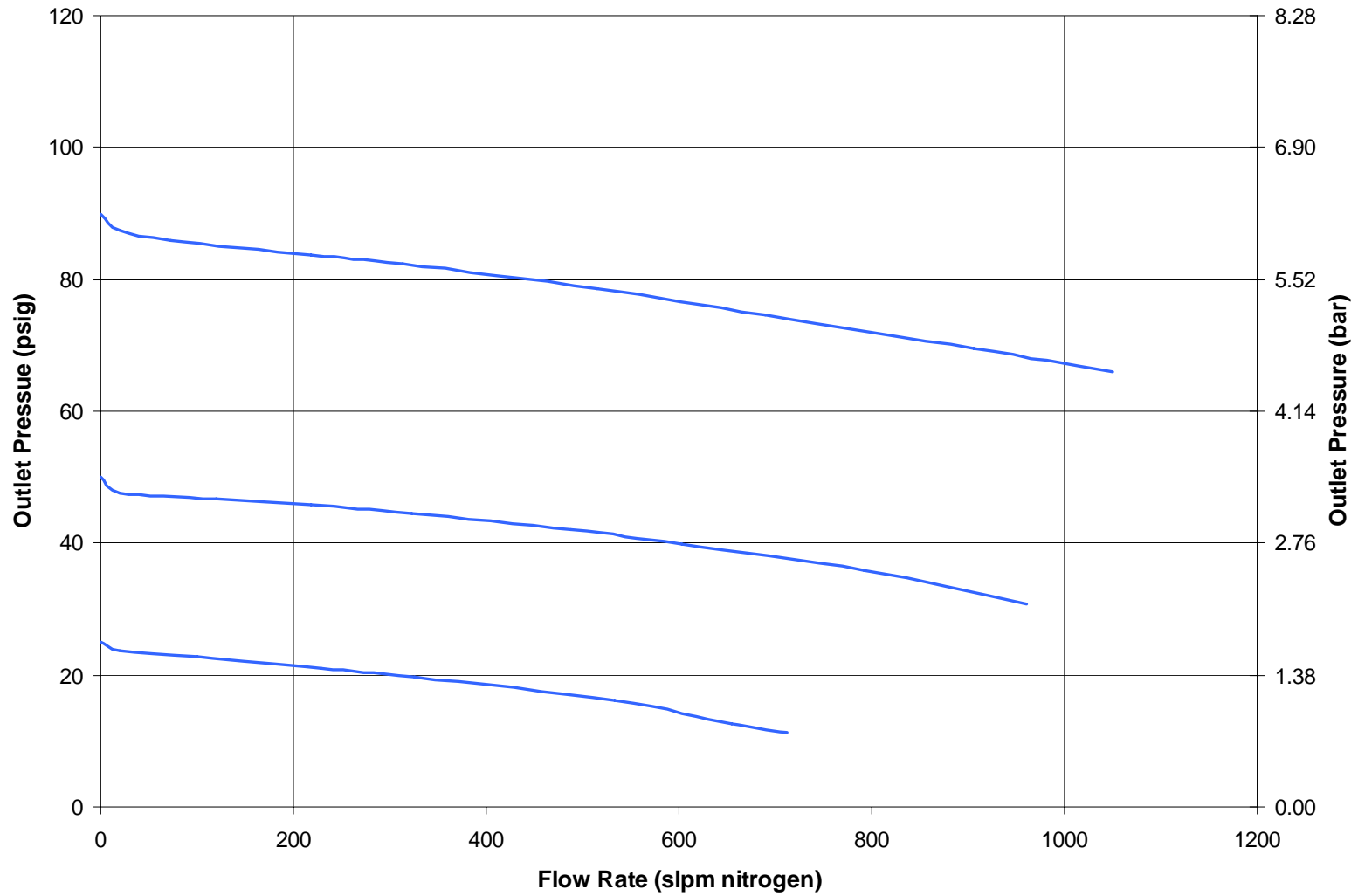
**AZ1306 and AK1306 (1/2 inch connections)  
Flow Test at 30 psig (2.1 bar) Inlet Pressure**



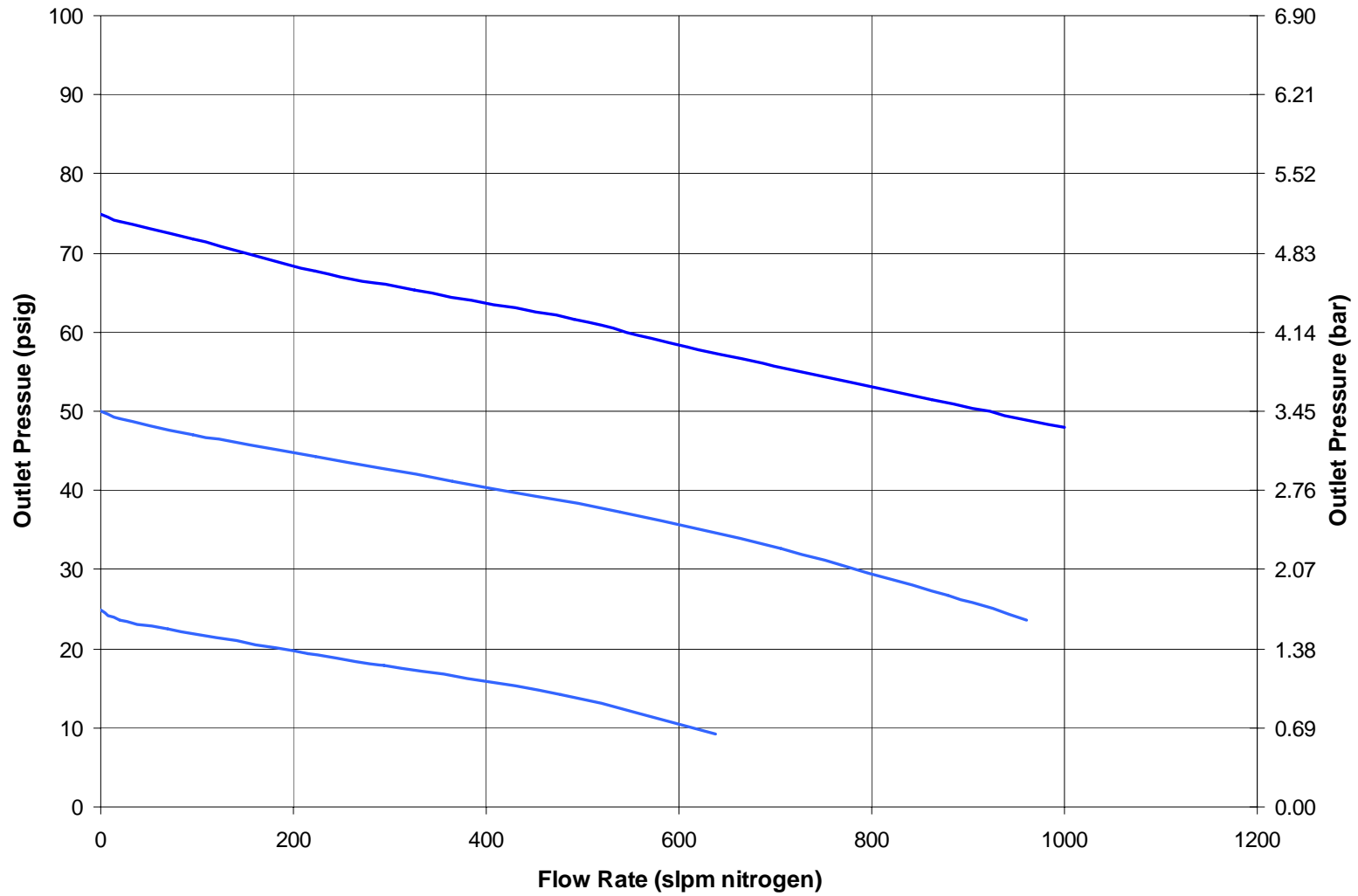
**AZ1306 and AK1306 (1/2 inch connections)  
Flow Test at 25 psig (1.7 bar) Inlet Pressure**



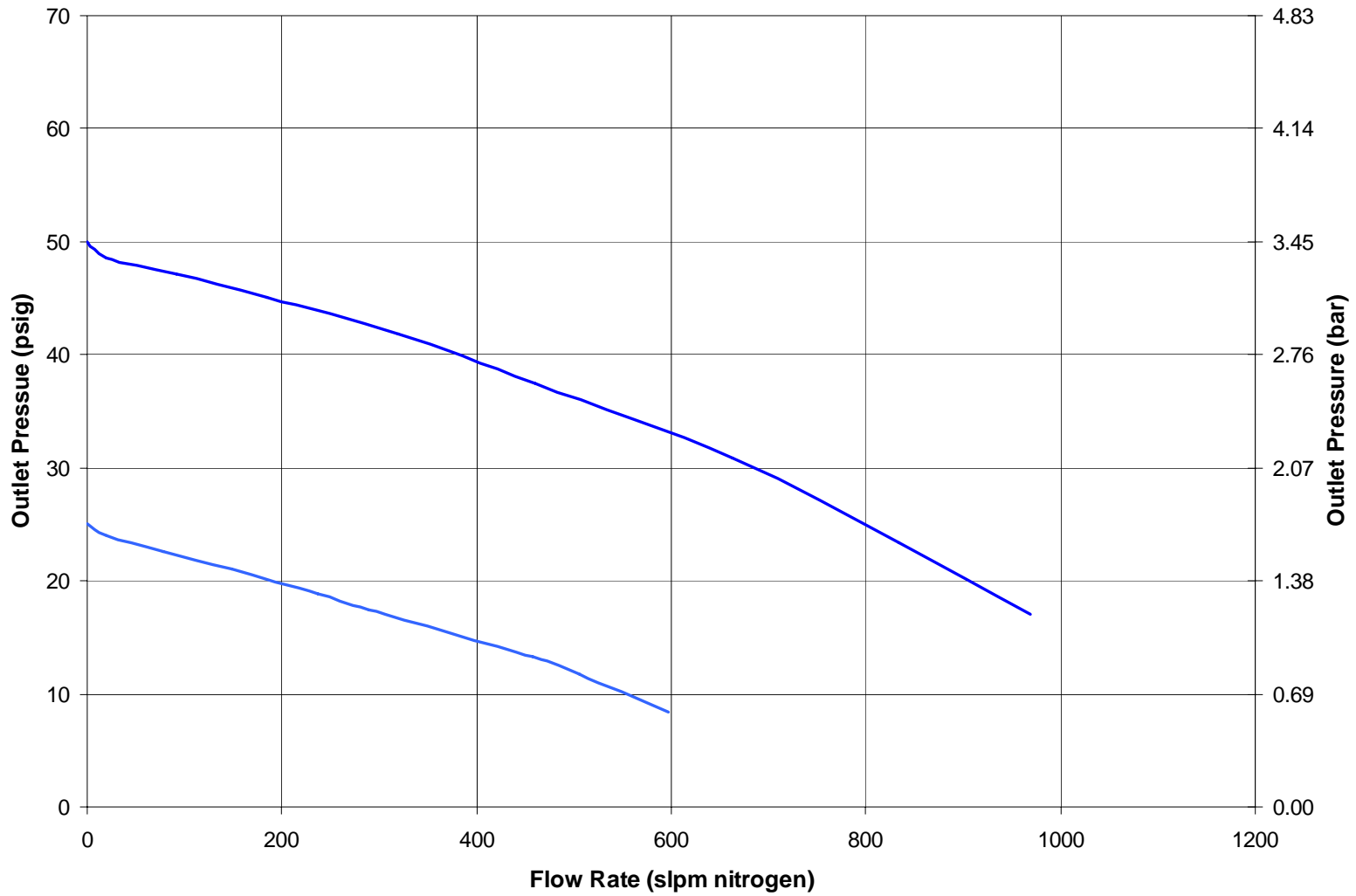
**AZ1310 and AK1310 (1/2 inch connections)  
Flow Test at 150 psig (10.3 bar) Inlet Pressure**



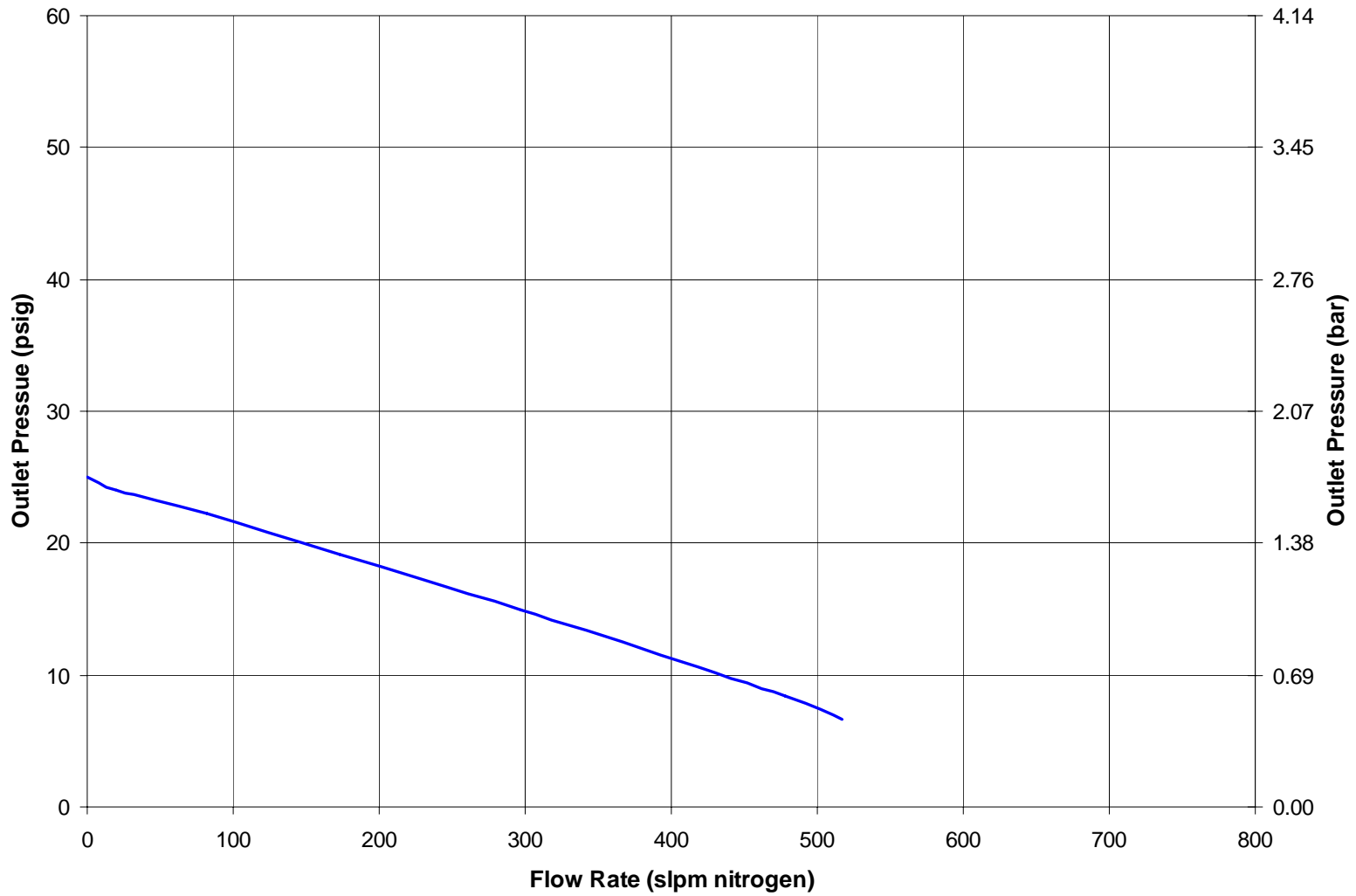
**AZ1310 and AK1310 (1/2 inch connections)  
Flow Test at 100 psig (6.9 bar) Inlet Pressure**



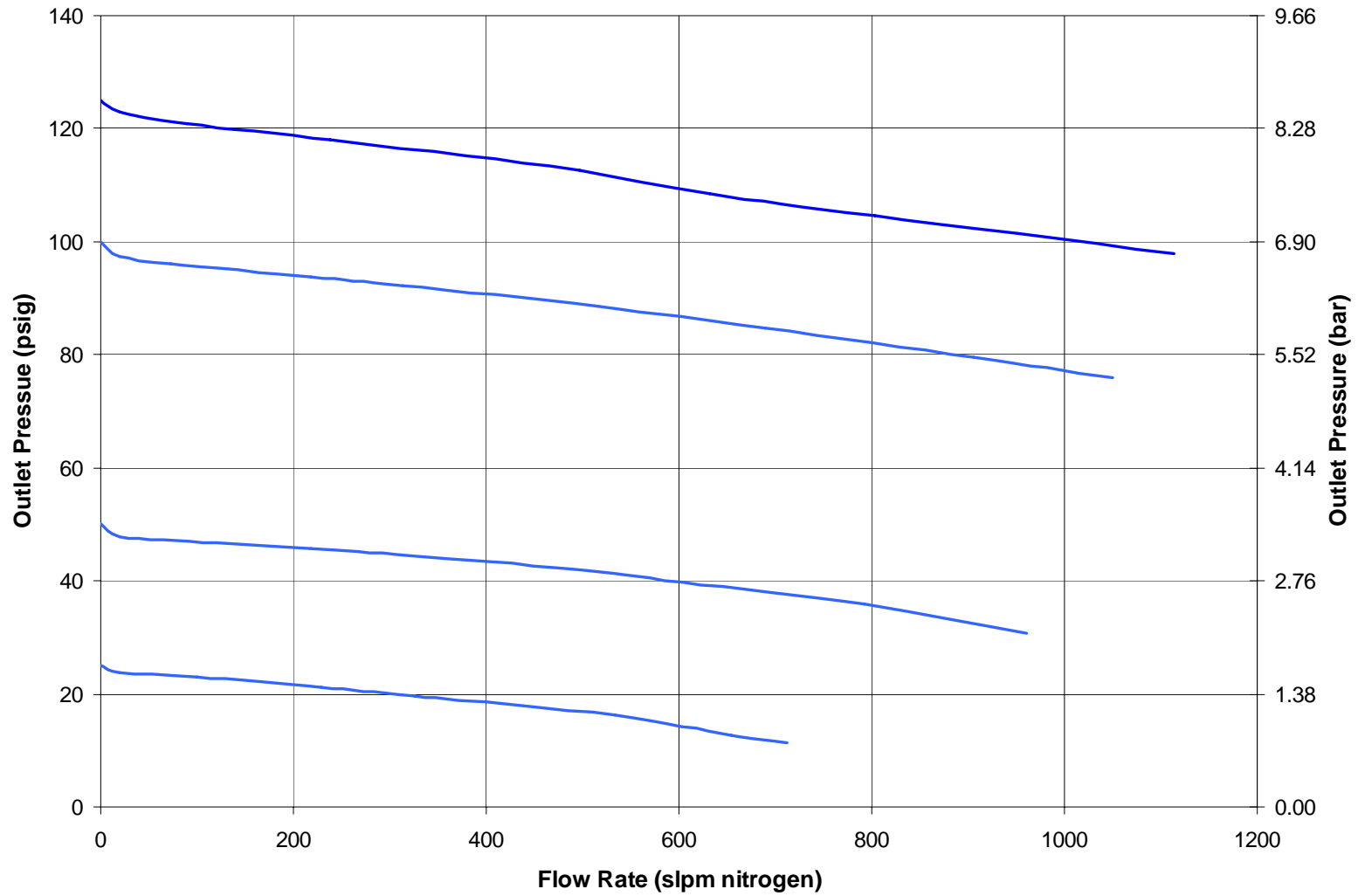
**AZ1310 and AK1310 (1/2 inch connections)  
Flow Test at 75 psig (5.2 bar) Inlet Pressure**



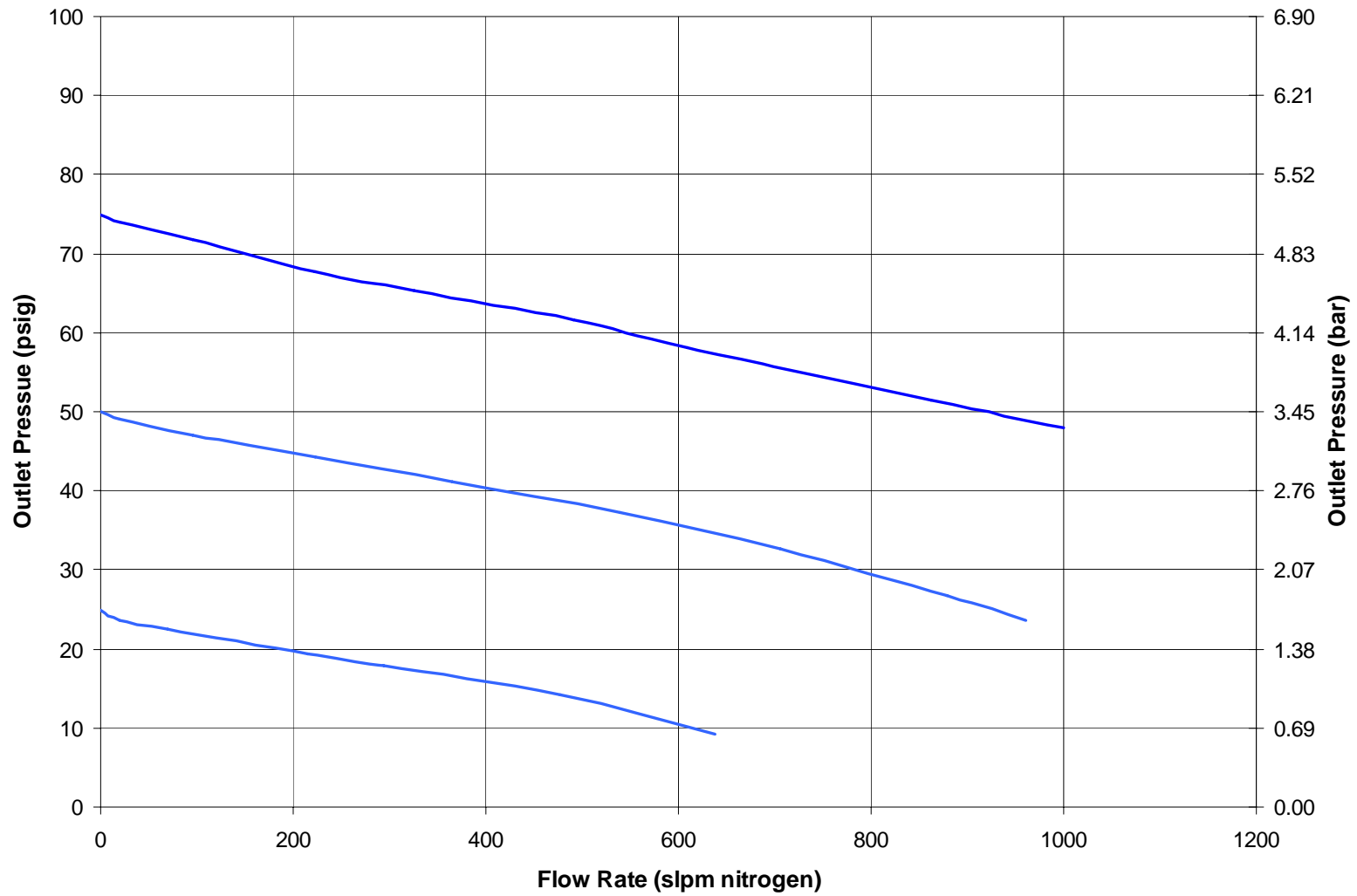
**AZ1310 and AK1310 (1/2 inch connections)  
Flow Test at 50 psig (3.4 bar) Inlet Pressure**



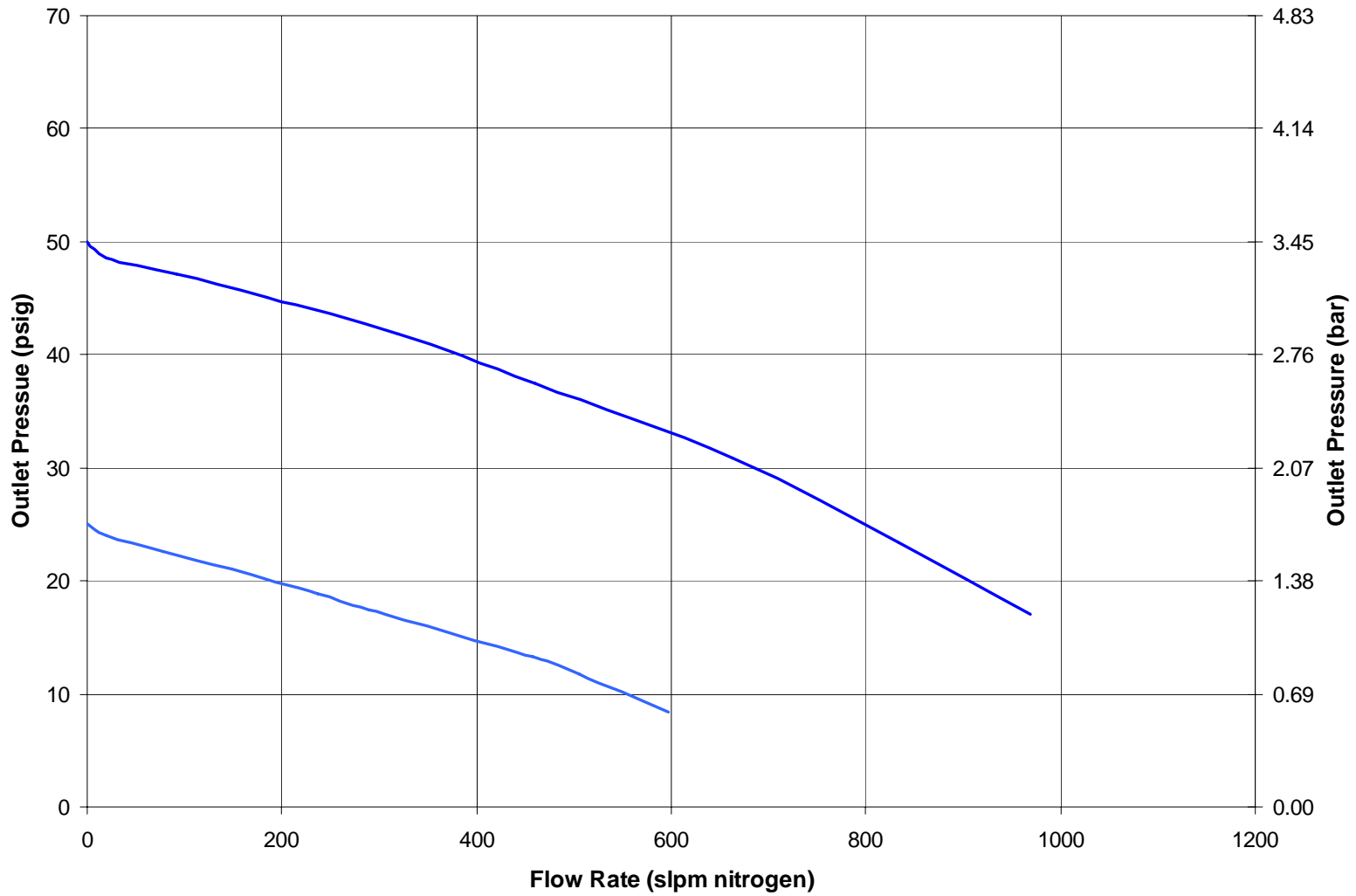
**AZ1315 and AK1315 (1/2 inch connections)  
Flow Test at 150 psig (10.3 bar) Inlet Pressure**



**AZ1315 and AK1315 (1/2 inch connections)  
Flow Test at 100 psig (6.9 bar) Inlet Pressure**



**AZ1315 and AK1315 (1/2 inch connections)  
Flow Test at 75 psig (5.2 bar) Inlet Pressure**



**AZ1315 and AK1315 (1/2 inch connections)  
Flow Test at 50 psig (3.4 bar) Inlet Pressure**

