Applied Motion Products, Inc.
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Product Datasheet

www.Applied-Motion.com

23VL025

NEMA 23 Planetary Gearhead

1pc. - 575.00
50pc. - 575.00



Product Features

- *Normally available in 48 hours – see Description below for details*
- *True planetary design*
- *Compact design*
- *Sealed ball bearings*
- *Heat treated gears*
- *High efficiency design*
- *AGMA gear quality*
- *Other ratios available in 2-4 week lead time: 20, 28, 40, 50, 100*

Description

The 23VL025 planetary gearhead offers true planetary performance at an excellent price. High strength, heated treated gears provide for efficient transmission of torque and accurate speed matching.

Additional mounting hardware is required to mount this gearhead to all NEMA 24 size motors and integrated motors. Please note that the charge for the adaptor is $100 and lead time will be 2-4 weeks. Model numbers affected include all of those that begin with: HT24, HW24, STM24 and SWM24.
All StepSERVO models that begin with TSM23 and TXM24, as well as model SSM23IP-4EG, require additional hardware as noted above.

Specifications

Part Number:	23VL025
Frame Size:	NEMA 23
Ratio:	25:1
Torque, Nominal:	216 in-lb
Torque, Max Accel:	272 in-lb
Length:	3.14 inches
Weight:	2.2 lbs
Input Speed:	5000 rpm max
Backlash:	16
Low Backlash:	0
Operating Temperature:	-40 to 120 °C
IP Rating:	IP54
Service Life:	> 10,000 hours
Efficiency:	85%
Inertia:	1.203E-03 oz-in-sec^2
Quick Delivery:	Yes

Downloads

Datasheet:	http://s3.amazonaws.com/applied-motion-pdf/23VL025.pdf
2D Drawing:	23VL025_RevA.pdf
3D Drawing:	23VL-2STG.igs

Pricing

	23VL025 Part No. 23VL025
1pc.	$575.00
25pc.	
50pc.	
100pc.	Request a Quote for 100+ piece pricing.

Products in the Series *VL Gearheads*

umber	Frame Size	Ratio	Length	Output Torque	Backlash	1pc./50pc.
17VL010	NEMA 17	10:1	2.41	81	12	$442.00 / $442.00
23VL005	NEMA 23	5:1	2.46	195	12	$442.00 / $442.00
23VL010	NEMA 23	10:1	2.46	140	12	$442.00 / $442.00
23VL015	NEMA 23	15:1	3.14	210	16	$575.00 / $575.00
23VL025	NEMA 23	25:1	3.14	216	16	$575.00 / $575.00
23VL070	NEMA 23	70:1	3.14	179	16	$575.00 / $575.00
34VL005	NEMA 34	5:1	3.33	702	12	$639.00 / $639.00
34VL010	NEMA 34	10:1	3.33	530	12	$639.00 / $639.00
34VL015	NEMA 34	15:1	4.26	756	16	$796.00 / $796.00
34VL025	NEMA 34	25:1	4.26	778	16	$796.00 / $796.00
34VL070	NEMA 34	70:1	4.26	706	16	$796.00 / $796.00