

VP1A-90V-8083 Cut Sheet



IronHorse VP1 series parallel shaft DC gear motor, 1/4hp, 90 VDC, 83rpm, 160 lb-in full load torque, 2.53 FLA, 30:1 ratio, 5/8in shaft diameter.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/VP1A-90V-8083>

Technical Specifications

Brand	IronHorse
Item	Motor
Series	VP1
Motor Type	Gear
Gear Motor Orientation	Parallel
Voltage Type	DC
Horsepower Rating	1/4hp
Voltage Rating	90 VDC
Nameplate RPM	83rpm

Full Load Torque	160 lb-in
Full Load Amperage	2.53
Gear Ratio	30:1
Shaft Diameter	5/8in
IP Rating	IP40
Insulation Class	Class F
Electrically Reversible	Yes
Enclosure Type	TENV
Mounting	Face/foot

Agency Approvals

UL Listed File #	None
UL Recognized File #	E365956
UL Hazardous File #	None
CE	None
CSA File #	259724
RoHS Status	Meets RoHS Chemical Restrictions - No CE (See RoHS Statement Below)
EU REACH	View EU REACH document
Other	RoHS Statement

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/VP1A-90V-8083.pdf>
See store item page for other formats.