



Vacuum Pumps and Vacuum Generators

Motor Starters and Protectors for Vacuum Pumps



ANVER Motor Starters are made for us in Italy to the highest quality standards. The motor circuit controller combines the function of:

- Short circuit protection
- Current overload protection
- Switching
- 3 phase

Ideal for group motor installations...

ANVER starters can eliminate the need for larger and more expensive fuse blocks and fused disconnects, or circuit breakers.

ANVER starters offer a wide application range, from 0.1 to 25 Full Load Amp (FLA). For group motor applications, ANVER starters have a group installation rating of up to 600V @ 2,000 Amp, one of the highest in the industry.

...or as a manual starter

ANVER starters are also excellent as manual motor starters that employ all of the same motor protection features in one compact unit. ANVER starters are available in a variety of enclosures including general purpose watertight the most compact on the market today).

In the event of a short-circuit, the contacts are opened by magnetic, non-adjusting tripping elements in times approaching 1/1000 of a second. Because of this superb current limiting capability, ANVER starters have a short-circuit capacity of up to 42kA at 600 V.

Because each ANVER starter is individually calibrated at the factory for the smallest and largest current, very accurate thermal overload protection is also obtained. Each motor starter now comes with an enclosure.

Horsepower ratings shown in the table below are for reference. The final selection of the manual starter depends on the actual motor full load current and service factor.

ANVER Item No.	Amperage Range		Phase	Maximum HP		
	Minimum	Maximum		230V	460V	575V
ST-025-040	2.50	4.00	Three	3/4	2	3
ST-040-063	4.00	6.29	Three	2	5	N/A
ST-063-100	6.30	9.99	Three	3	7½	N/A
ST-100-160	10.00	15.99	Three	5	10	N/A
ST-160-200	14.50	19.99	Three	7½	15	N/A
ST-200-250	18.00	25.00	Three	7½	15	20
ST-ENCL	Enclosure, for Motor Starters (fits all above sizes)					

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ANVER Pump No.	HP	Starter No.	Voltage	Amps	Port Size	Hose in. (mm)
VB3HF	3.4	ST-100-160	208-230	10	1-1/4"NPT	1-1/2 (38.1)
		ST-040-063	460	5		
		ST-040-063	575	4		
VB4HF	4.6	ST-100-160	208-230	13.6	2" NPT	2 (50.8)
		ST-063-100	460	6.8		
		ST-040-063	575	5		
VB6	7.5	ST-200-250	208-230	18.5	2" Barb	2 (50.8)
		ST-063-100	460	8.6		
		ST-063-100	575	6.8		
VB7HV	3.5	ST-100-160	208-230	12.2	1-1/4" NPT	2 (50.8)
		ST-063-100	460	6.1		
		ST-025-040	575	3.8		
VB8HF	8.5	ST-200-250	208-230	24	2" NPT	2 (50.8)
		ST-100-160	460	12		
		ST-100-160	575	9.6		
VB9HV	7.5	ST-160-200	208-230	14.9	1-1/4" NPT	2 (50.8)
		ST-063-100	460	7.5		
		ST-040-063	575	5.2		

► This spec sheet was adapted for print from our website. Additional information and photos are available at www.anver.com. 2082801

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