

### Monoblock vacuum pump DV0200B-KA

#### Introducing the **TITAN** series high efficiency, single-stage liquid ring vacuum pump.

Why should you consider this vacuum pump for your application?

- ◆ Designed for heavy duty applications.
- ◆ 316 stainless steel impeller is standard.
- ◆ Sturdy bearing pedestal mounts to standard NEMA, C-face motor.
- ◆ Manufactured to ISO 9001 standards.
- ◆ Low operating noise level.
- ◆ Heavy duty bearings mounted external to the pumping chamber.
- ◆ Features single face mechanical seal as standard.
- ◆ Virtually no maintenance is required.
- ◆ Pumps are available in different materials to suit your application.
- ◆ Capable of handling saturated gas mixtures.
- ◆ Capable of handling small amounts of liquids.
- ◆ Only one moving part.
- ◆ Can operate using various seal-fluids.

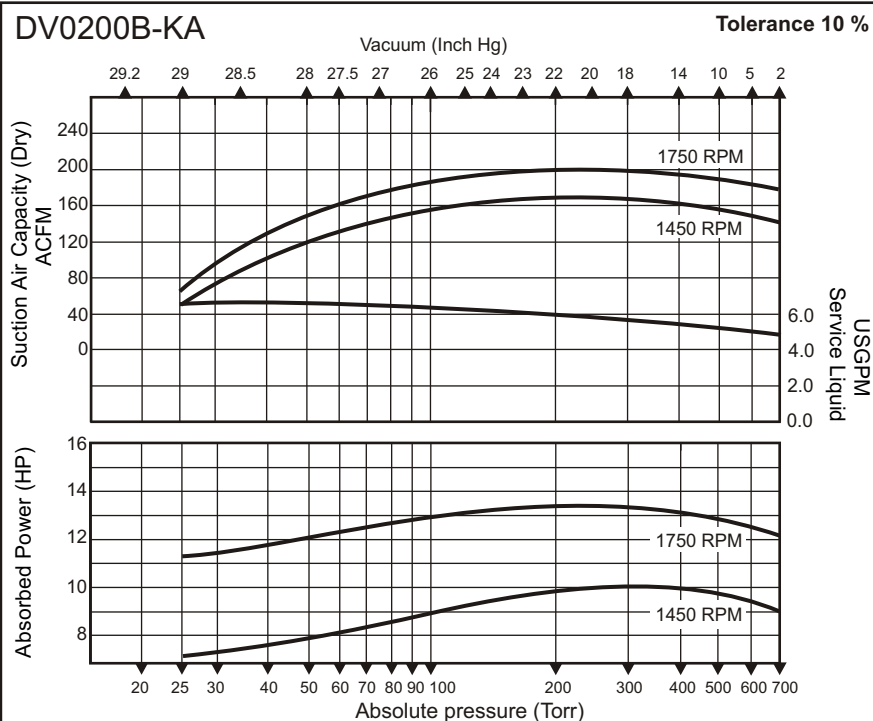
Materials of construction/Seal code				
Mat.code	1	2	3	4
Casing	NA	NA	cast iron	316 SS
Portplate	NA	NA	cast iron	316 SS
Impeller	NA	NA	316 SS	316 SS
Shaft	NA	NA	420 SS	316 SS
Seal code	NA	NA	A*	B*

A= standard mechanical seal with Viton elastomer  
B= standard mechanical seal with Teflon elastomer  
\*= other seal materials available upon request.

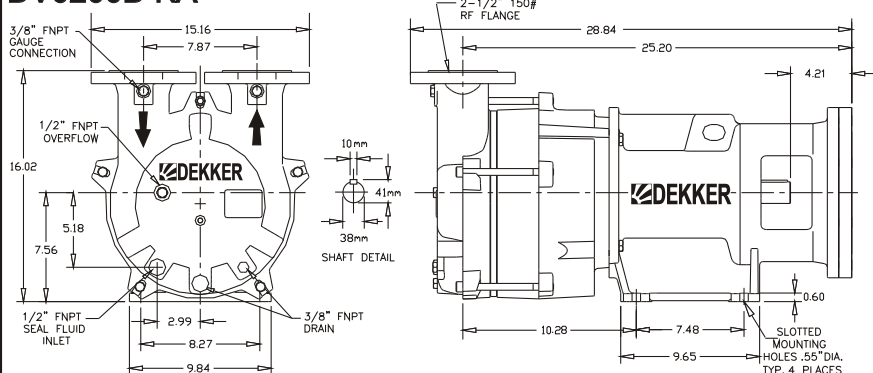


**Performance characteristics**  
 Nominal capacity: 200CFM  
 Motor: 60Hz/15HP/11kW  
 50Hz/10HP/7.5kW  
 Speed(RPM): 60Hz/1750  
 50Hz/1450  
 Max.vacuum: 29"Hg/25Torr  
 Weight (excluding motor): 282Lbs/128kg  
 Max. gas inlet temp: 212°F/100°C  
 Max.noise level(at 3ft):75 dBA  
*Performance based on dry air, seal-water temperature 60°F and atmospheric pressure of 29.92"Hg.*

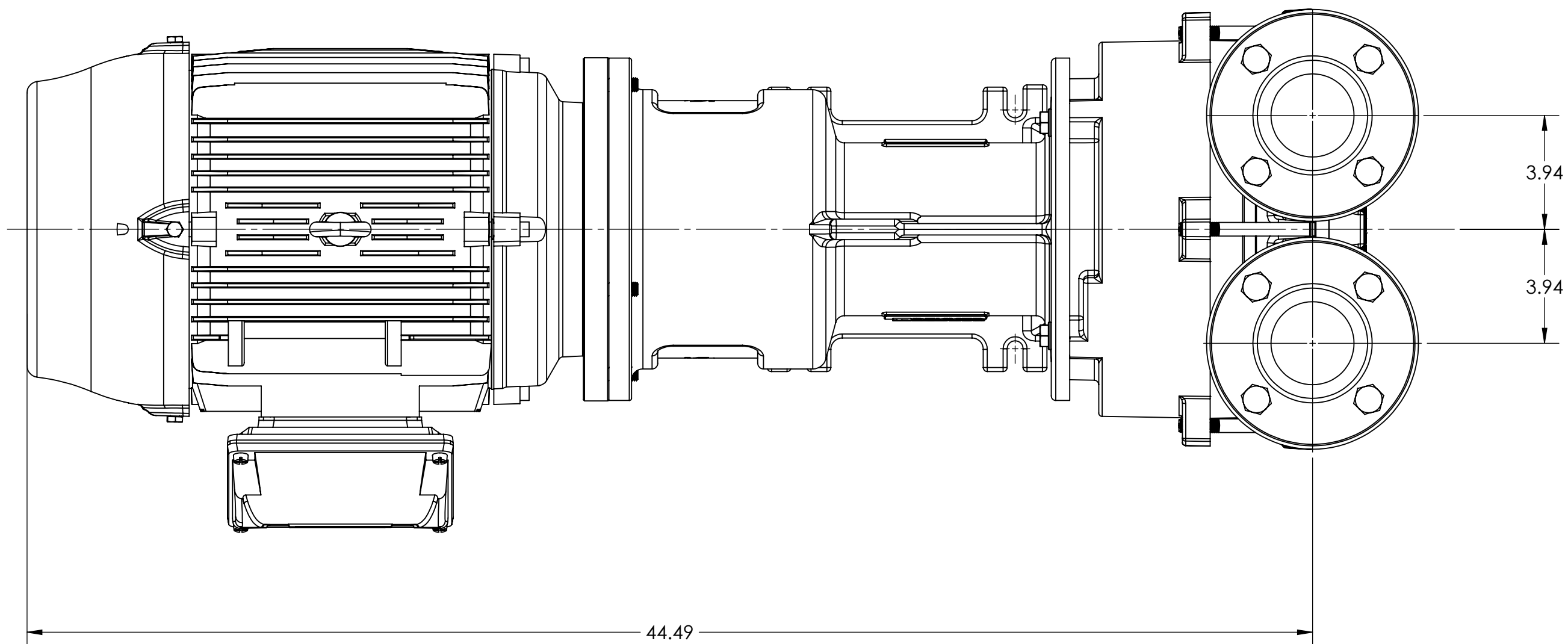
DV0200B-KA



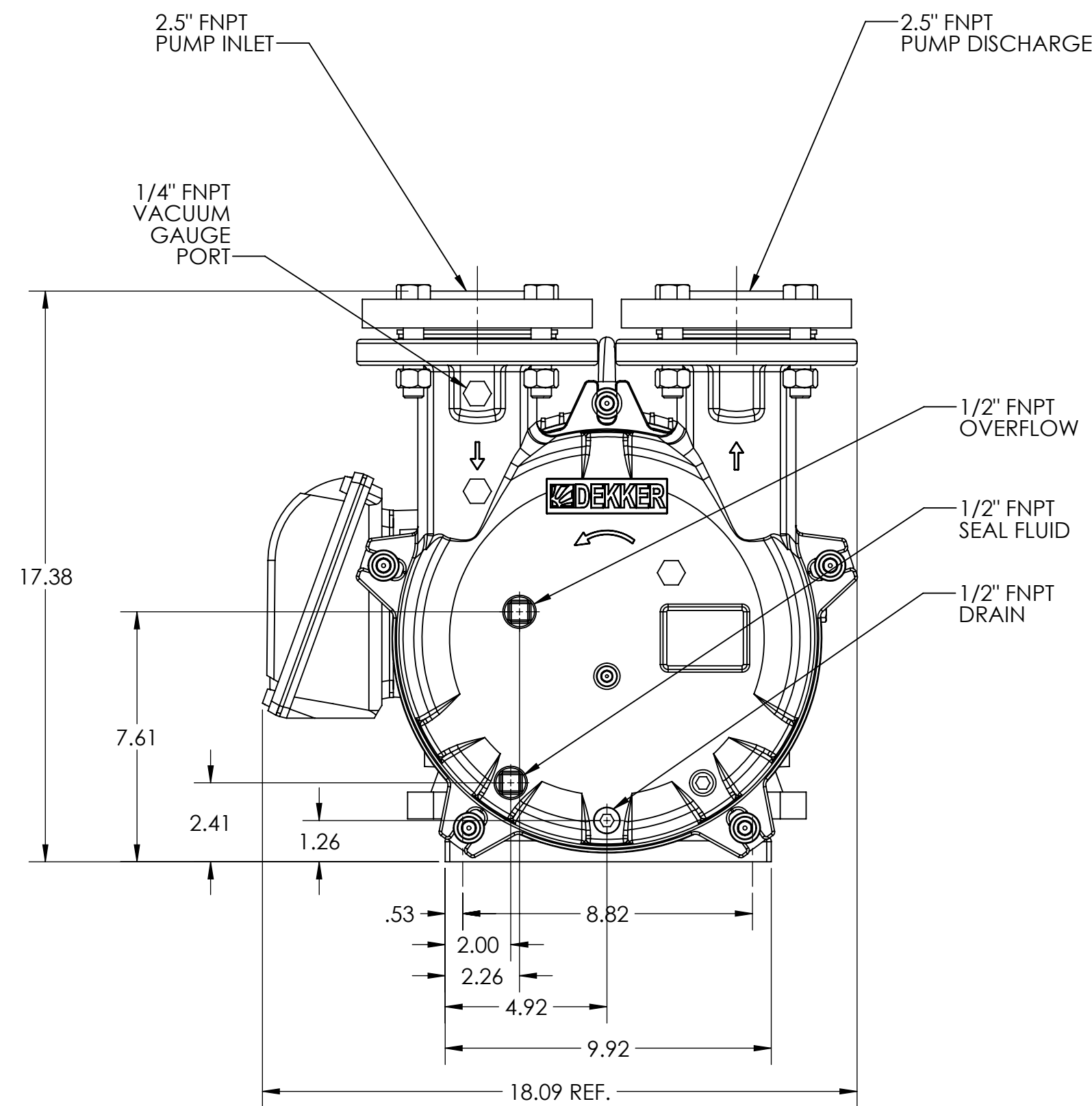
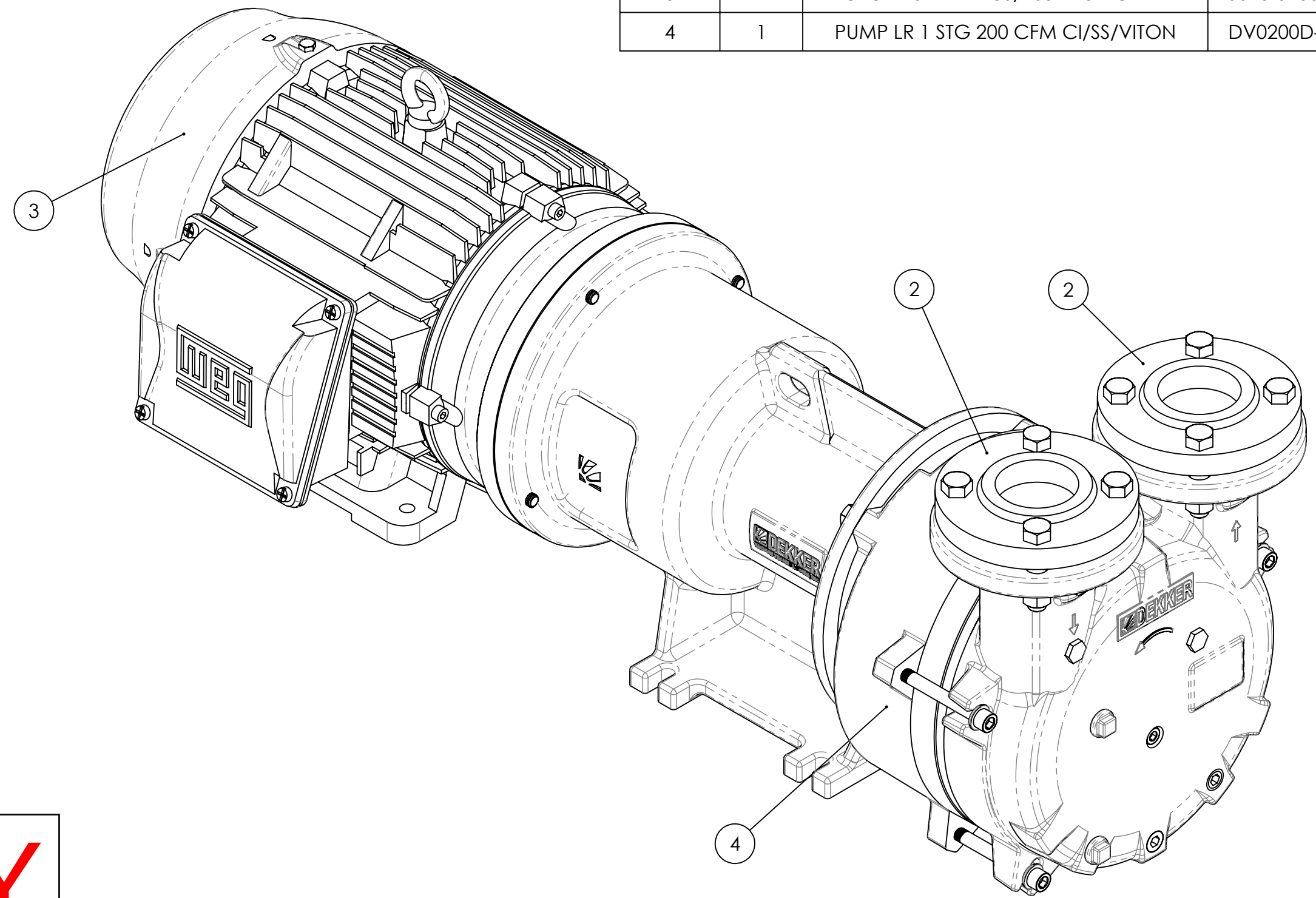
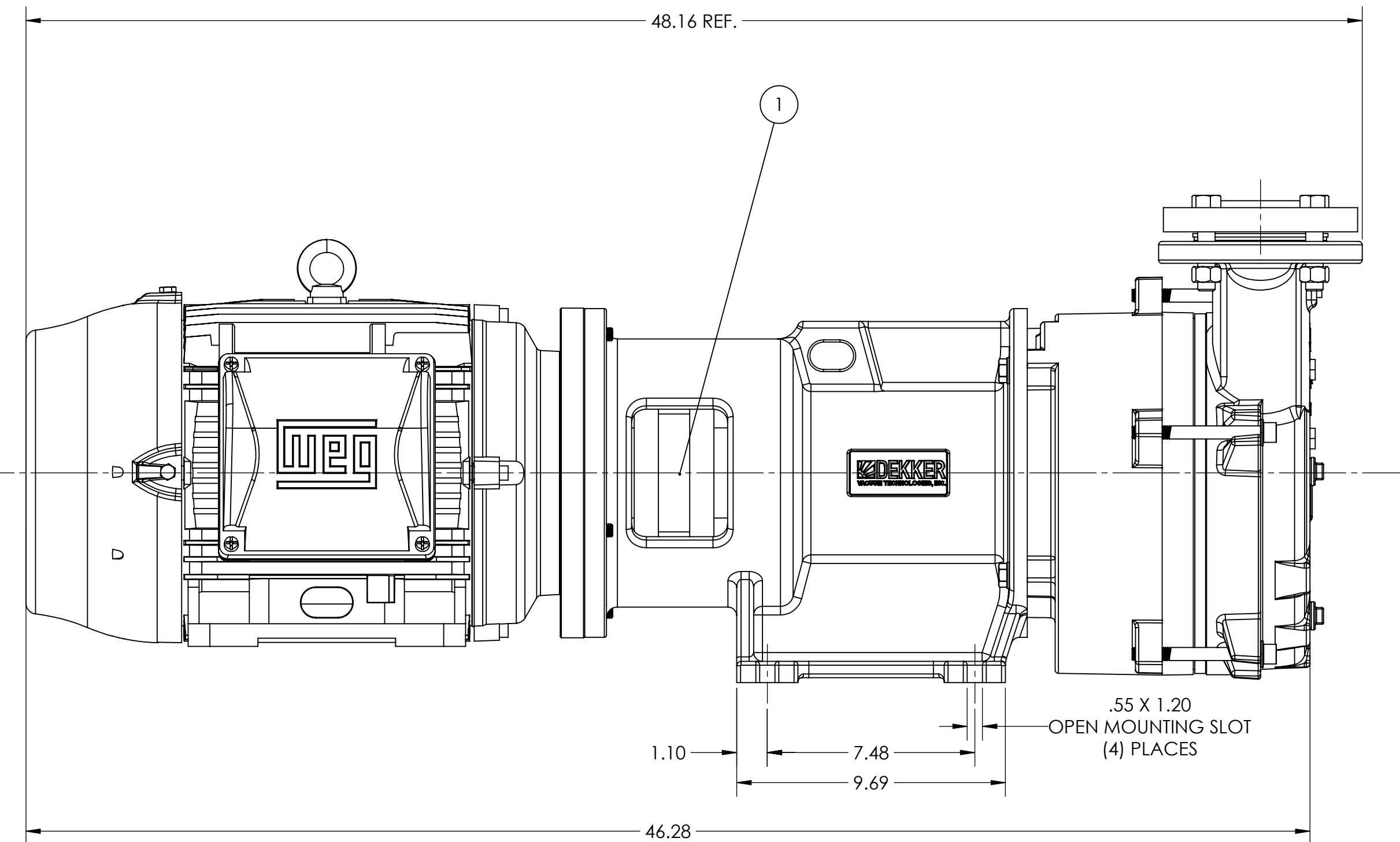
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Dimensions (inches) not binding. Subject to change without notice. Companion flanges sold separately.



GA DRAWING, FOR REFERENCE ONLY



NOTES:  
1) LOCATE VACUUM PUMP ON FLAT LEVEL SURFACE.  
2) PLUG ALL UNUSED PORTS WITH NPT PLUG.  
3) SEAL FLUID REQUIREMENTS: 5.5 GPM

067956			
ITEM NO.	QTY	DESCRIPTION	PART NUMBER
1	1	DRIVE CPLG ASSY 8S 38MM/1.62" CI/EP	2321-0800-000
2	2	FLANGE ASY 2.5" 150# THD CS/BN BOLT	3230-0250-000
3	1	MOTOR 15HP 4P 230/460V 254TC PREM	5010-0150-100
4	1	PUMP LR 1 STG 200 CFM CI/SS/VITON	DV0200D-KA3

TOLERANCES		MODEL NO. DV0200D-KA3		PART NO. 067956		DEKKER VACUUM TECHNOLOGIES, INC.	
DECIMAL	± .50"	DESIGN BY:	DEJ	DATE:	5/24/2016	DESCRIPTION DV0200D-KA3 W/230/460 MOTOR AND FLGS	
FRACTIONAL	± 1/2"	DRAWING BY:	DEJ	DATE:	5/24/2016		
ANGULAR	± .50°	CHECKED BY:	RHC	DATE:	5/24/2016		
UNLESS OTHERWISE SPECIFIED IN DRAWING		APPROVED BY:	AWH	DATE:	5/25/2016		
THIS PRINT IS PROPERTY OF DEKKER VACUUM TECHNOLOGIES, INC. AND MAY NOT BE GIVEN TO ANY OTHER CONCERN WITHOUT THE CONSENT OF DEKKER VACUUM TECHNOLOGIES, INC.		PROJECT ENG:	AWH	SERIAL NO.		DRAWING TYPE PRODUCTION	DWG NO. 2016332-D
		WEIGHT: 419.16 LB		SCALE: 1:4		SHEET NO. 1 OF 1	

REVISIONS					
REV.	DESCRIPTION	DATE	DWG	ERP	APP