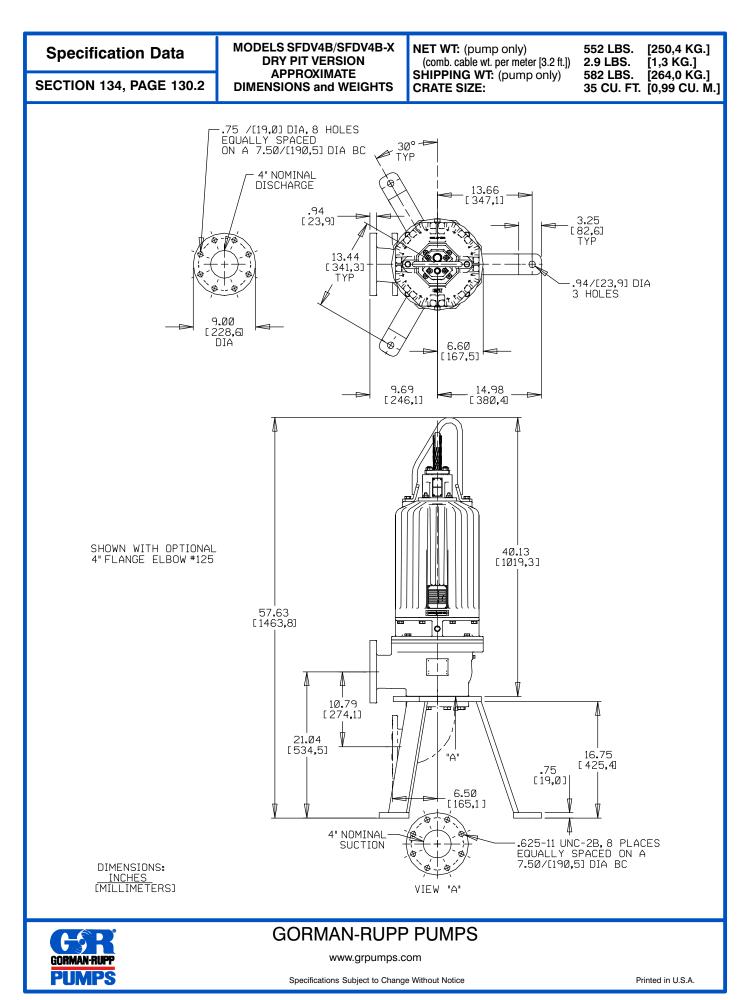
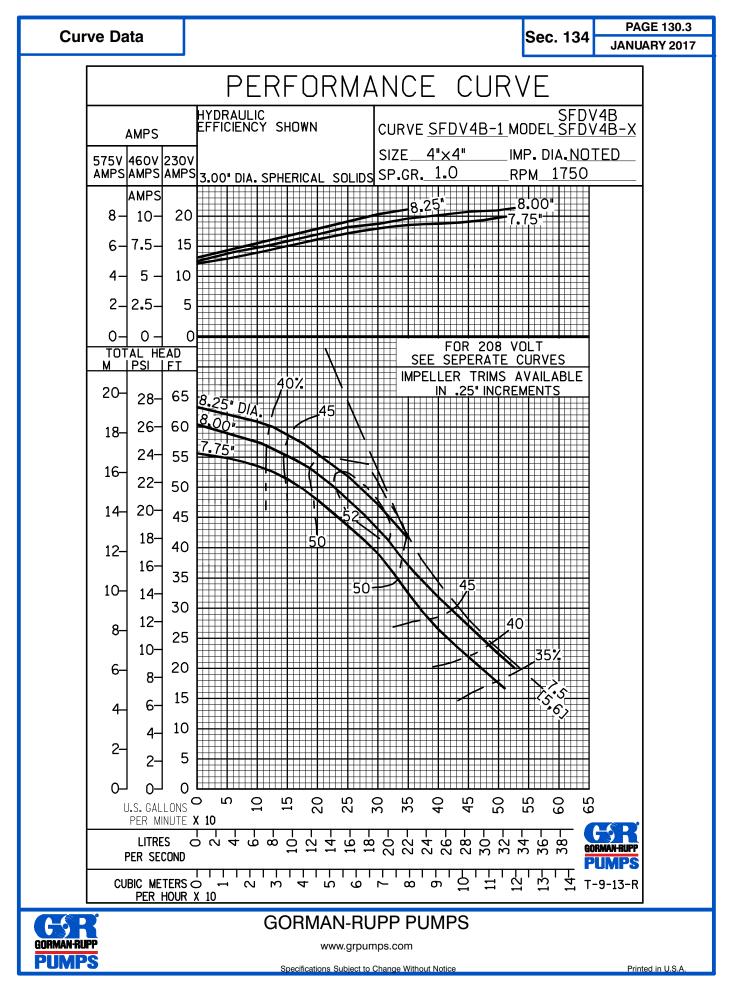
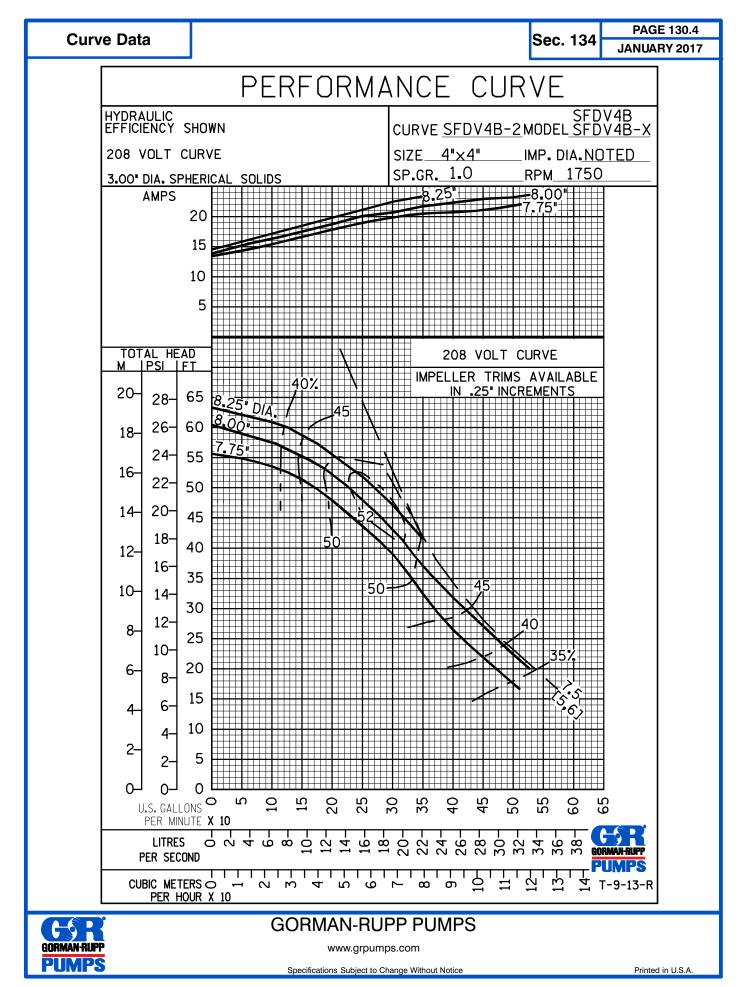


Materials and Technical Da			ata		Sec. 134	PAGE 130.1	
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PUMP DETAILS							
Pump Models			SFDV4B/SFDV4B-X				
Agency Approvals			FM/CSA-C/US 4" ANSI ^w / Flat Face				
Discharge Flange Impeller Type			4 ANSI */ Flat Face Vortex				
Impeller Type			Ductile Iron				
Spherical Solids Handling			3" (76 mm) Non-Deformable Diameter				
Motor Housing (Including Seal							
Plate and Intermediate)			Gray Iron 30				
Pump Casing			Gray Iron 30				
Motor Shaft			17–4 PH Stainless Steel				
O-Rings			Buna-N and Fluorocarbon (DuPont Viton® or Equivalent)				
Be	Bearings: Upper		Single Row Ball/Permanent Lubrication				
Type/Lubrication Lower		Lower	Double Row Ball/Permanent Lubrication				
External Hardware			303/304 Stainless Steel				
External Surface Protection			Epoxy Paint				
Seal Type			Tandem, Mechanical, Oil Lubricated Upper, Self-Lubricated Lower				
Sealing Faces: Upper		Upper	Carbon/Ceramic				
Rotating	Rotating/Stationary Lower		Silicon Carbide/Silicon Carbide				
	Seal Elastomers		Buna-N Upper, Fluorocarbon (DuPont Viton® or Equivalent) Lower				
Max. Liquid Temperature			104 [°] F (40 [°] C)				
MOTOR DETAILS							
Speed			60 Hz, 1750 RPM				
Motor Design			Inverter-Duty Rated, Air-Filled Enclosure, Squirrel Cage, Induction Start			Induction Start	
Motor Efficiency Rating			NEMA Premium Efficiency (IEC IE3)				
Insulation			Class H, Rated 356°F (180°C)				
Max. Submergence			N/A				
Min. Submergence			<u>N/A</u> 10				
Max. Starts per Hour Rated Power				7.0 HP (5,2 kW)	7.5 HP (5,	6 1/1/1	
			7.011F (5,2 KW)	7.511F (5,	0 KVV)		
Amp Draw:		208V/3P	22.0/184.7				
Max. Full Load		230V/3P			22.2/16	67.0	
Locked Rotor 460V/3P 575V/3P					11.1/8		
					8.88/6		
NEMA Motor Code				L	К		
Service Factor			1.0	1.0			
Efficiency: 100%/75%/50% Load				85%/84%/78%	85%/84%	5/80%	
Power Factor: 100%/75%/50% Load				0.75/0.67/0.56	0.75/0.70)/0.58	
Field Connection			Across-the-Line				
	Moisture S			Single Probe Monitoring Both Seal and Motor Chambers			
Thermal Overload			One Thermostat per Phase, Self-Resetting CABLE DETAILS				
Voltage				208-230/460V	575V		
	No. Cables/Conductors per			1/6	1/4		
Power Cable	Gauge		(3) 8 AV	WG PWR & (3) 10 AWG GND/GC	1/4 10 AW	G	
	Type/Material		(0) 0 / (GGC/CPE		SOOW/EPDM	
	Nominal Cable O.D.			0.97" (24,6 mm)		0.75" (19,0 mm)	
Control Cable	No. Cables/Conductors per		1/4				
	Gauge		14 AWG				
	Type/Material		SOOW/CPE				
Nominal Cable O.D.		0.61" (15,5 mm)					
Length 32 Feet (10 Meters) Standard, 164 Feet (50 Meters) Maximum							
GORMA	NRUPP		GC	DRMAN-RUPP PUMPS			
DUMDC							
FUNES Specifications Subject to Change Without Notice Printed in U.S.A.							







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