

SSV

MODEL: 66SV - 1750 RPM

Customer: _____	Catalog No.	Quantity	GPM	Feet	Volt	Phase	Encl.
Engineer: _____							
Submitter: _____ Date: _____							
Approval: _____ Date: _____							
Order No.: _____ Date: _____							

Base Model: 66SV General Pump Description

Construction: 316/CI or 316 stainless steel
Capacities: 25-225 gallons per minute (6-50 m³/hr)
Heads: 25-212 feet TDH (7-32 meters)
Staging: 1-6
Minimum flow: 25 GPM

Type	Material 316/CI 316	Stages	Maximum working pressure in psi. (Bar)
66SVB	x	1-6	195 (13)
66SVD	x	1-6	275 (19)

Note: All stages can be upgraded for 580 PSI (40 bar) service.

Temperatures: Standard liquid temperature from -20°F (-30°C) to 250°F (120°C)
Solids handling: Although not recommended, the pump may pass a 3/8" sphere.

Type	Material 316/CI 316	Stages	Connections	Location
66SVB	x	1-6	ANSI flange	In-line
66SVD	x	1-6	ANSI flange	In-line

Piping: Suction and discharge openings are 4". ANSI class 150 cast iron or class 150 steel flanges. Optional class 250 cast iron (300 steel) flanges available.

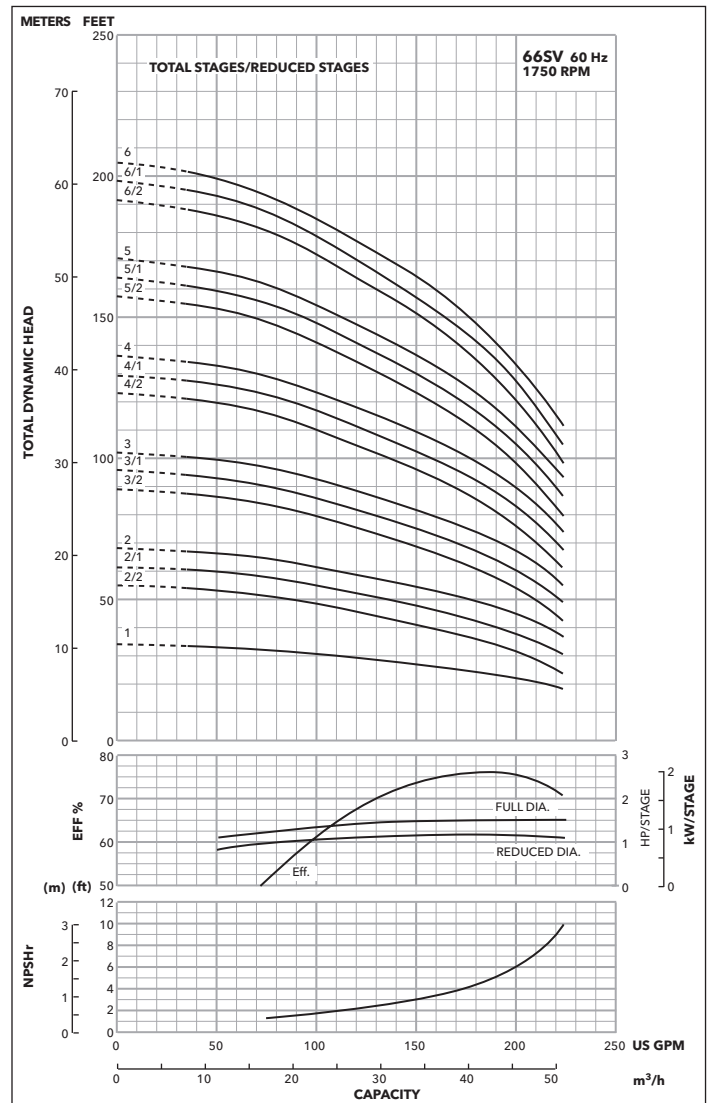
Component Materials	316/CI Version	316 Version
Casing O-rings	Viton	Same
Tie-rods and nuts	Zinc-coated steel	Same
Pump shaft	Duplex SS	Same
Pump casing	316L stainless steel	316L SS
Wear ring	PPS	Same
Seal housing	Cast iron	316L SS
Lower support	Cast iron	316L SS
Diffusers	316L stainless steel	Same
Impellers	316L stainless steel	Same
Upper head	Cast iron	316 SS
Shaft bushing	Tungsten carbide	Same
Shaft sleeve	Tungsten carbide	Same
Diffuser bushing	Carbon	Same
Seal spring and retainer clip	316L stainless steel	Same

Mechanical seal

Code No.	Rotary	Stationary	Elastomers	Where Found
A	Carbon	Silicon Carbide	Viton	Stan. on all units
C	Silicon Carbide	Silicon Carbide	Viton	
B	Carbon	Silicon Carbide	EPR	33SV
D	Silicon Carbide	Silicon Carbide	EPR	

Prime and drain plugs	316 SS	316 SS
NEMA motor adapter	Cast iron	Same
Coupling guards	304 stainless steel	Same
Motor shaft coupling	Cast iron	Same
Pump body/base	Cast iron	Cast 316 SS

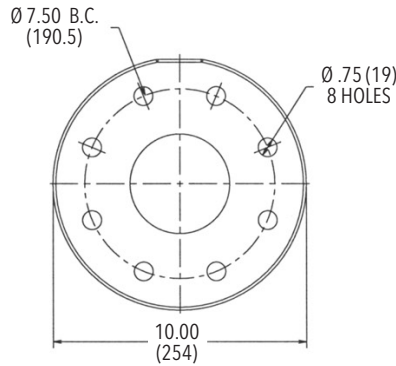
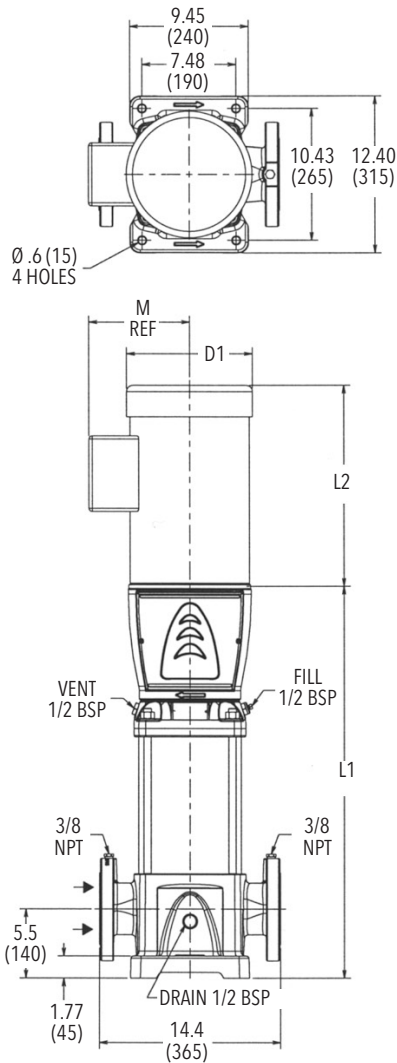
PERFORMANCE CURVES



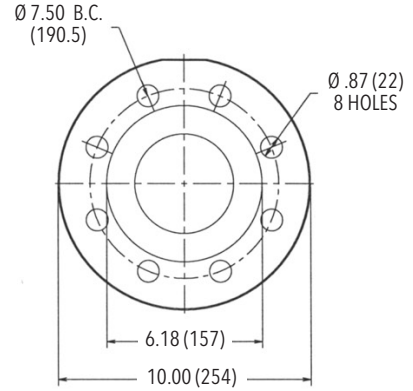
66SV MOTORS

Standard motors supplied by Goulds Water Technology are NEMA standard TC frame motors open drip proof, or totally enclosed fan cooled enclosures. 60 Hz, 1750 RPM, three phase, 3-10 HP (208-230/460 V). 66SV Horsepowers from 3 to 10 HP. For other motor options, contact the factory. Above motors are 1.15 S.F.

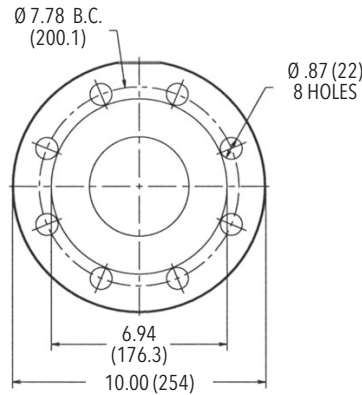
66SV - 1750 RPM DIMENSIONS AND WEIGHTS



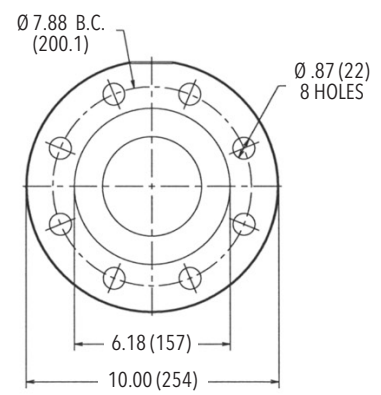
**Cast Iron
4" Class 125 R.F.
(1 - 6 Stages)**



**316SS
4" Class 150 R.F.
(1 - 6 Stages)**



**Cast Iron
4" Class 250 R.F.
(1 - 6 Stages) Optional**



**316SS
4" Class 300 R.F.
(1 - 6 Stages) Optional**

All dimensions are in inches (mm). Not to be used for construction purposes.

Stage	Frame (1-Phase)		Frame (3-Phase)				L2			D1		Weights (lb)															
	ODP	TEFC	ODP	TEFC	HP	L1	ODP	TEFC	M (ref.)	ODP	TEFC	Liquid End	ODP	TEFC													
1			Contact Factory			23.19	Contact Factory					185	Contact Factory														
2/2			182TC	182TC	3	26.75	13.94	15.44	6.88	8.50	8.50	196	61	62													
2/1												223	68	75													
2																											
3/2												184TC	184TC	5	30.81	15.56	15.50	8.06	10.19	10.25	234	122	125				
3/1			252	125																							
3					34.38	266	129																				
4/2																											
4/1			213TC	213TC	7.5	37.44	15.56	15.50	8.06	10.19	10.25	266	125	129													
4						40.94																					
5/2																											
5/1																											
5																											
6/2			215TC	215TC	10										266												
6/1																											
6																											

Acceptable motor frame range: 180TC-360TC

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