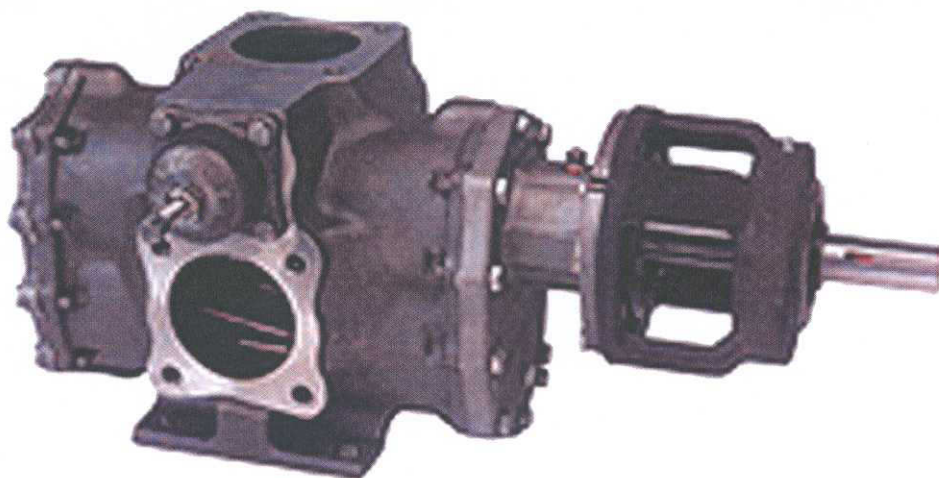


9622
Series



Pronunciation:

“de-di-’kA-shun”

Function:

pumping

See also:

Roper

Stainless Steel Service



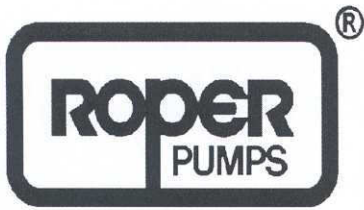
The leading force behind liquids.

- Serves the chemical and transport markets
- Handles a wide range of viscosity
- High capacity and very compact
- Handles a variety of corrosive liquids
- Uses only one mechanical seal

- Stainless Steel construction for long life
- Easy assembly/disassembly of pump
- Adjustable relief valve
- Pressures up to 100 psi
- Flows up to 165 GPM

- Multiple sealing options
- Packing/ mechanical seal conversions easily done in field.
- Hydraulic drive option





Roper Pump Company

P.O. Box 269 • Commerce, GA 30529
Toll Free: 1-800-876-9160 • Fax: 706-335-5490
e-mail: sales@roperpumps.com

Visit Us On The WorldWide Web
www.roperpumps.com

9622 Series

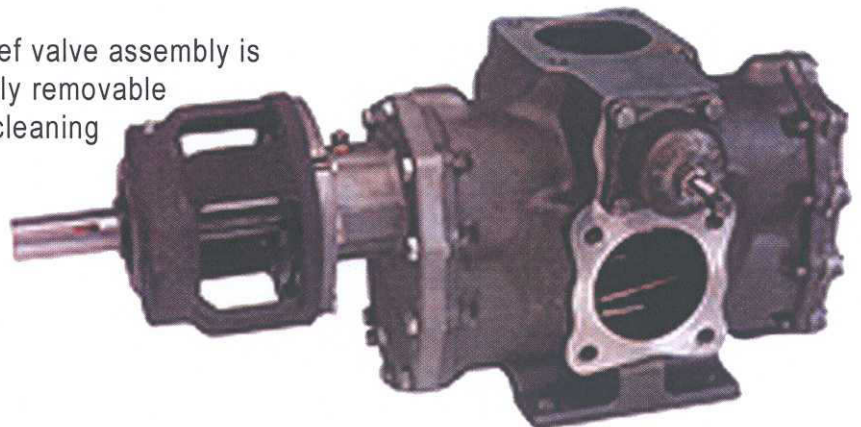
Pump Model	Theoretical Capacity	Maximum Speed	Maximum Flow at Maximum Speed (0 Discharge Pressure)	Maximum Pressure	Port Connection
9622 / 9722	0.220GPR (832.8 CC/REV)	750RPM	165.0GPM (37.5 M /HR)	100 PSI (7 Bar)	3" NPT

Materials of Construction

Housing	Gears	Bearings	Shaft	Case Gaskets
316 SST	17-4 PH-SST	Carbon	17-4PH-SST	PTFE

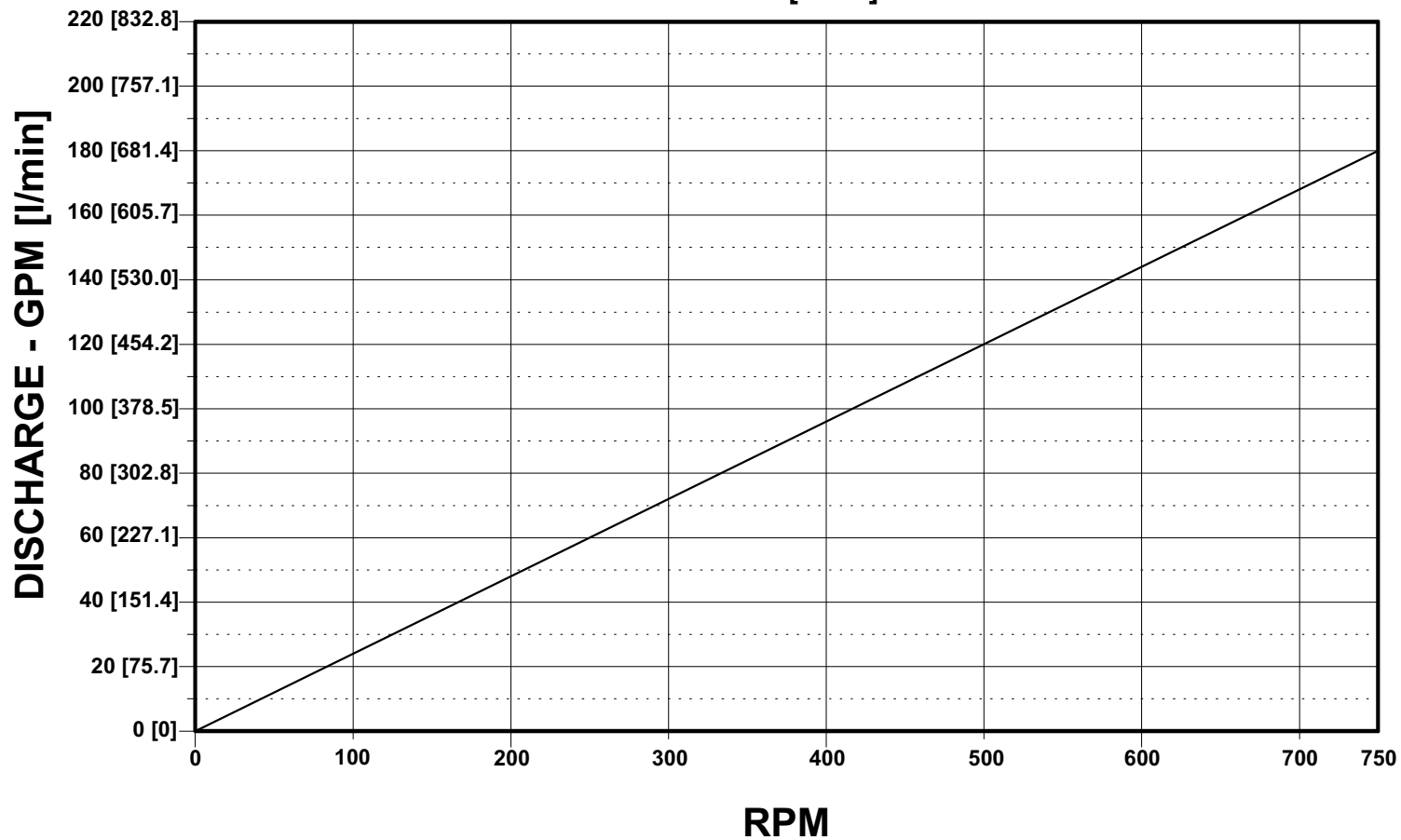
Key Features

- Cost effective
- SST construction
- Easy assembly / disassembly
- Optional hydraulic motor drive arrangement
- Seal conversions done easily in field
- Relief valve assembly is easily removable for cleaning



SERIES: 9622, 9722
GRAPH 1
THEORETICAL GPM

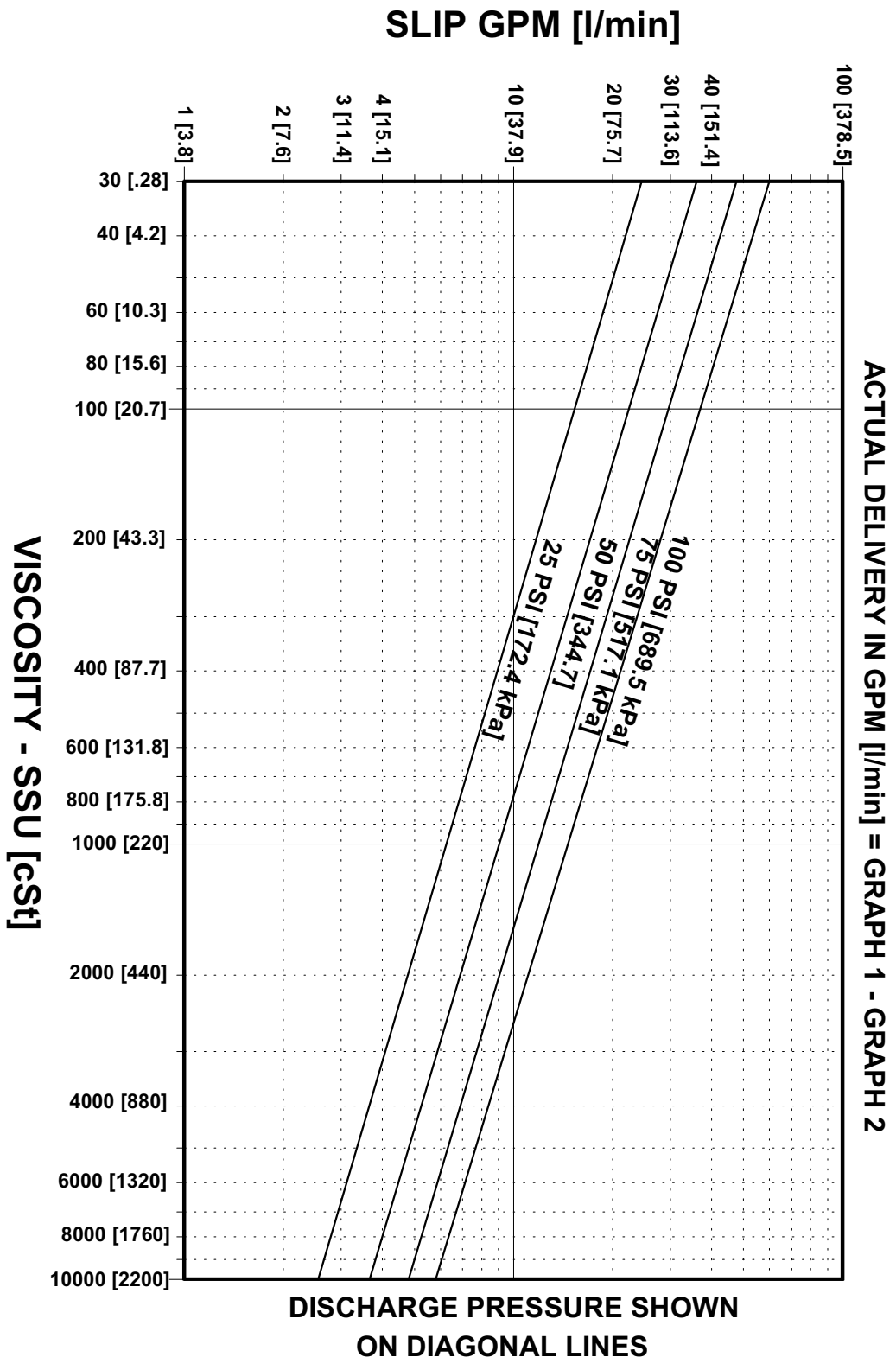
ACTUAL DELIVERY IN GPM [l/min] = GRAPH 1 - GRAPH 2



SERIES: 9622, 9722

GRAPH 2

SLIP

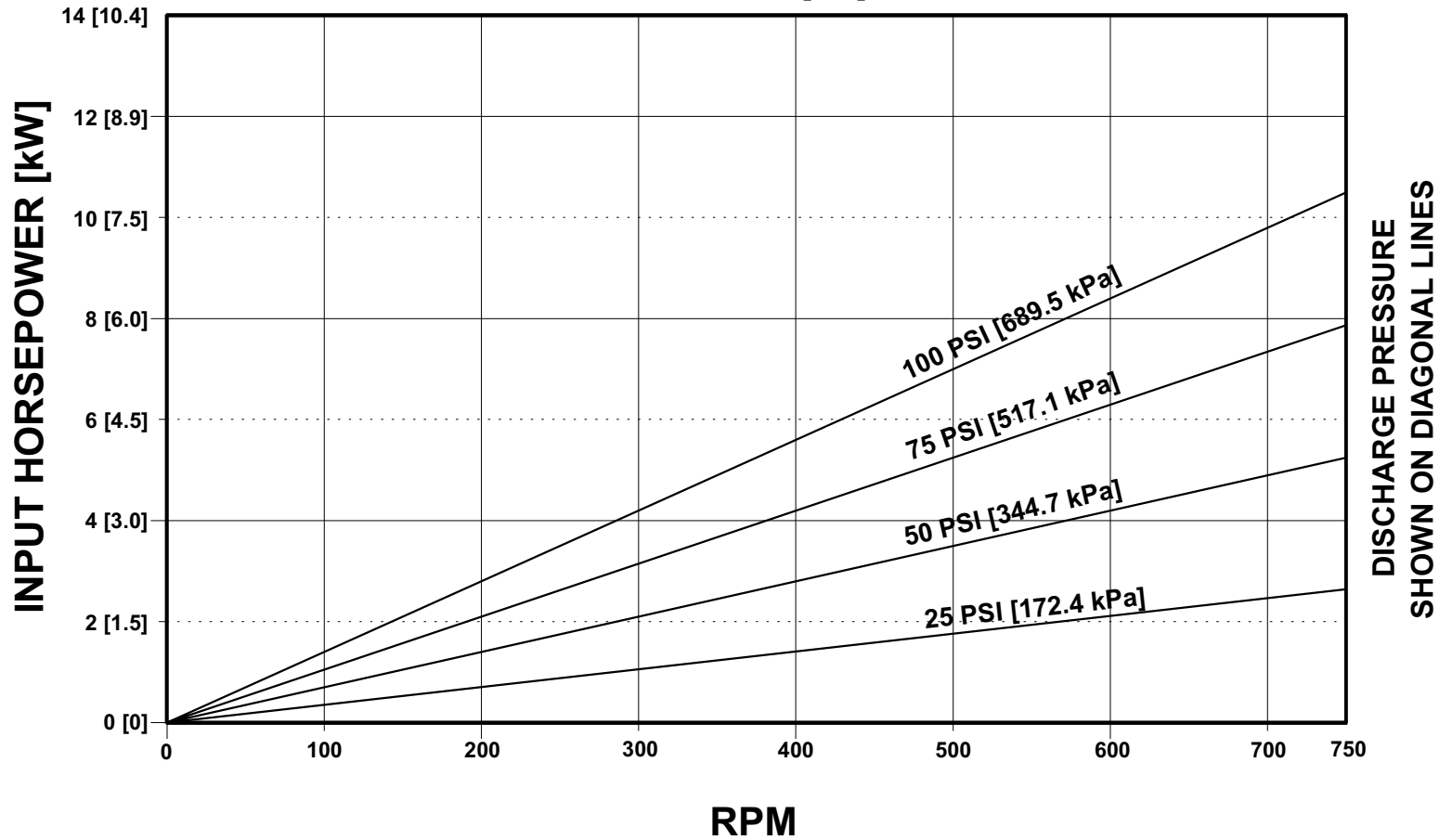


SERIES: 9622, 9722

GRAPH 3

INPUT HORSEPOWER

TOTAL INPUT HORSEPOWER [kW] = GRAPH 3 + GRAPH 4

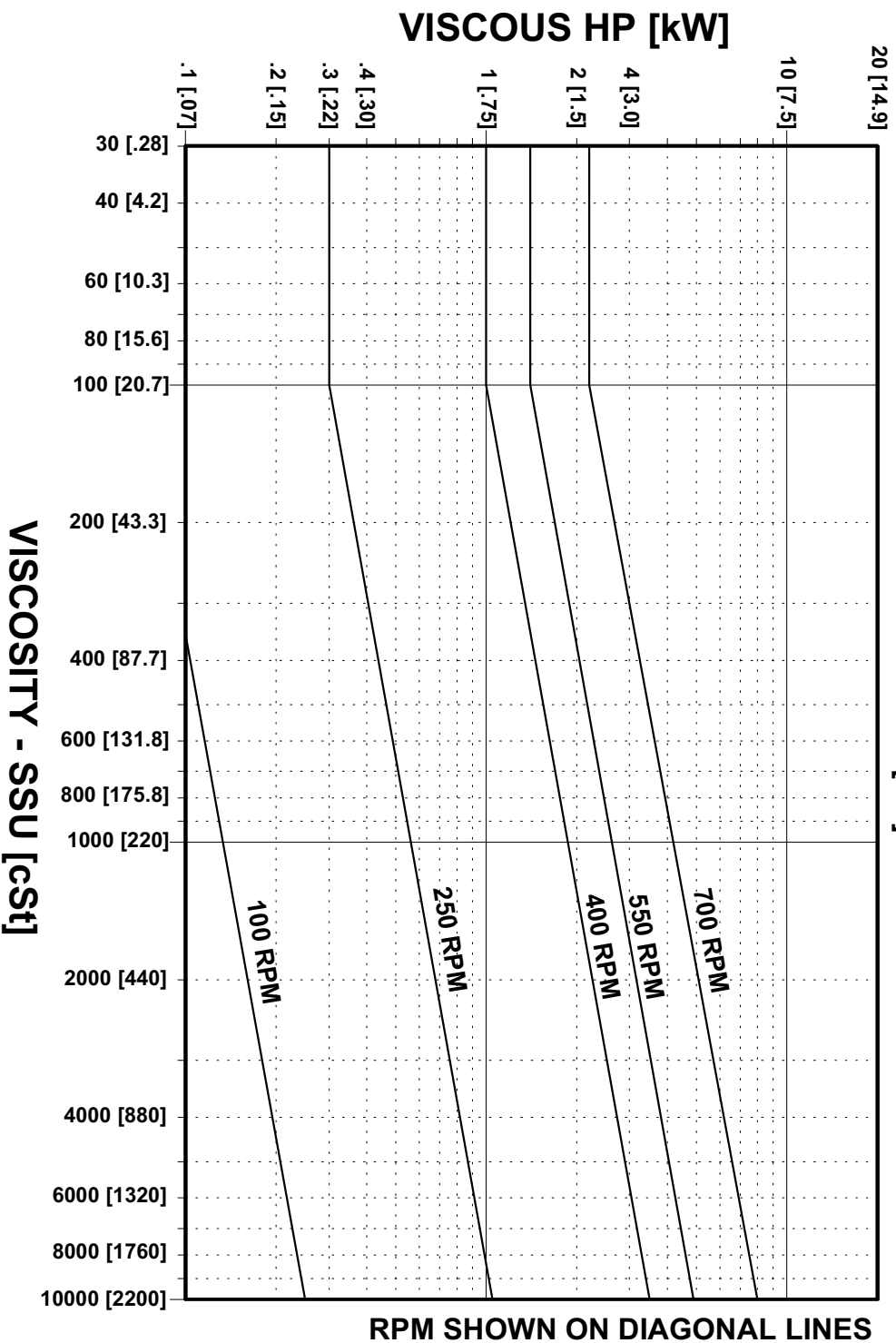


SERIES: 9622, 9722

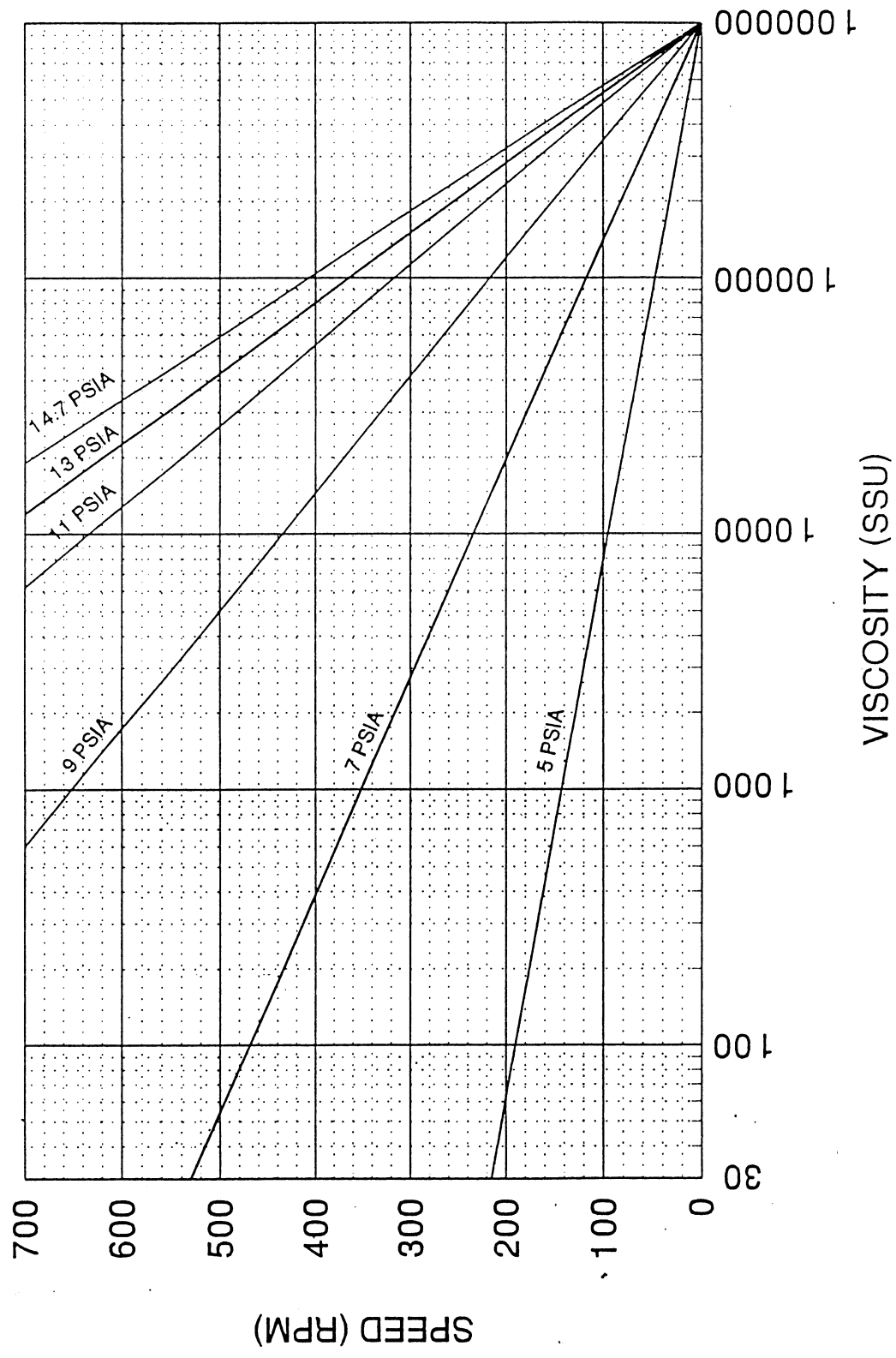
GRAPH 4

VISCOUS HORSEPOWER

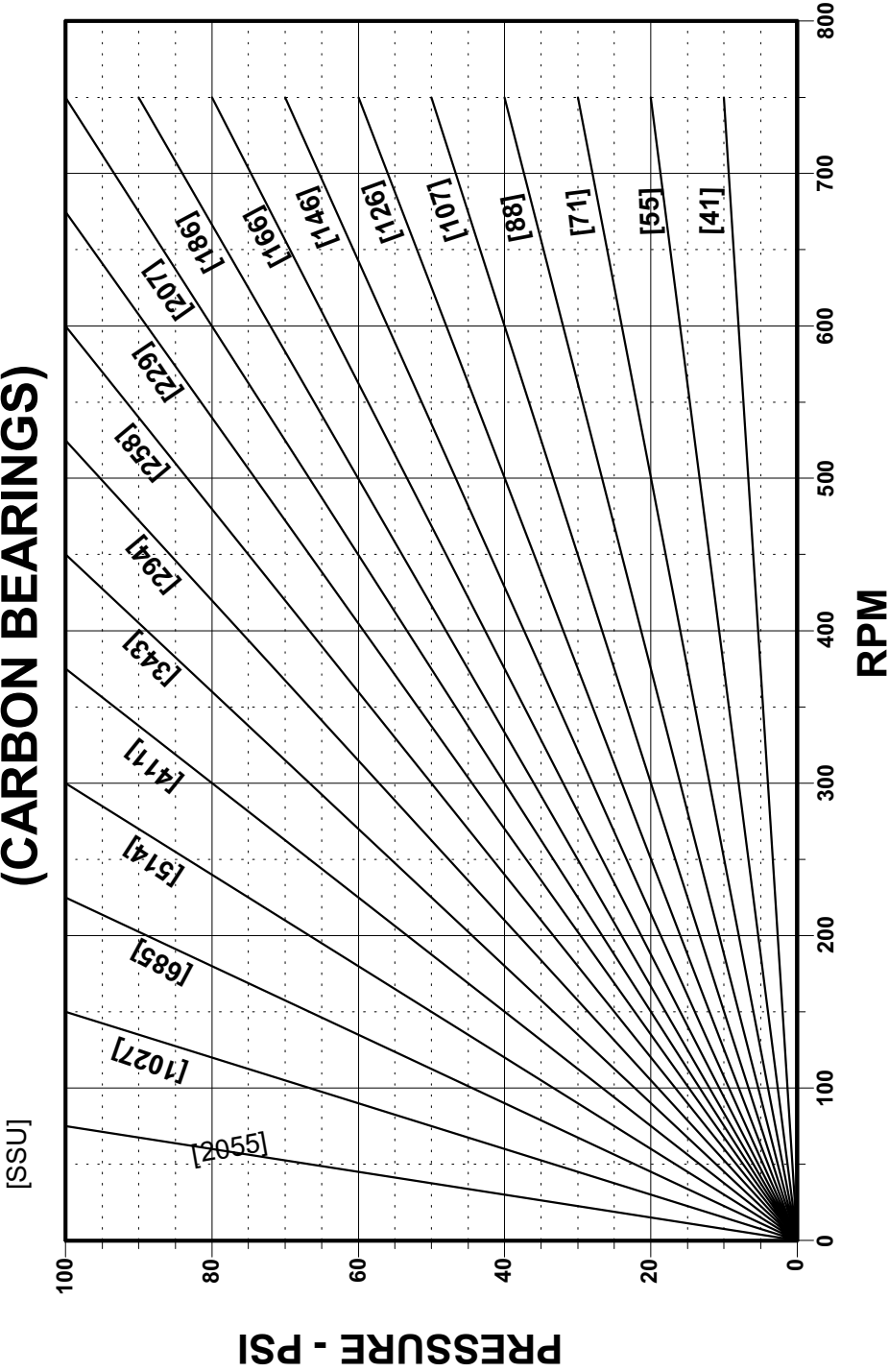
TOTAL INPUT HORSEPOWER [kW] = GRAPH 3 + GRAPH 4



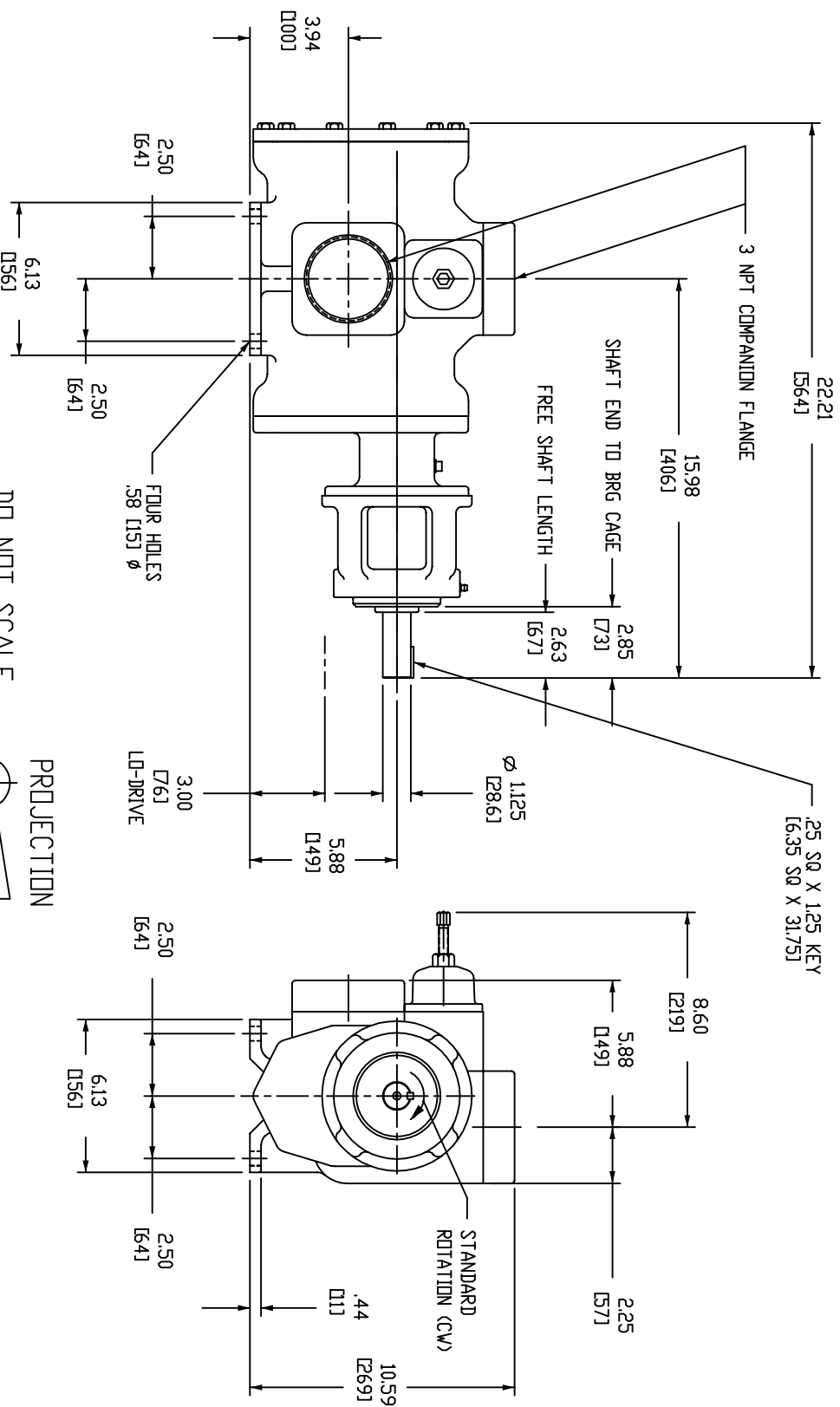
9622, 9722
REQUIRED NET INLET PRESSURE



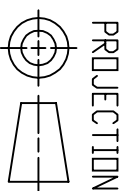
SERIES: 9622, 9722
(CARBON BEARINGS)



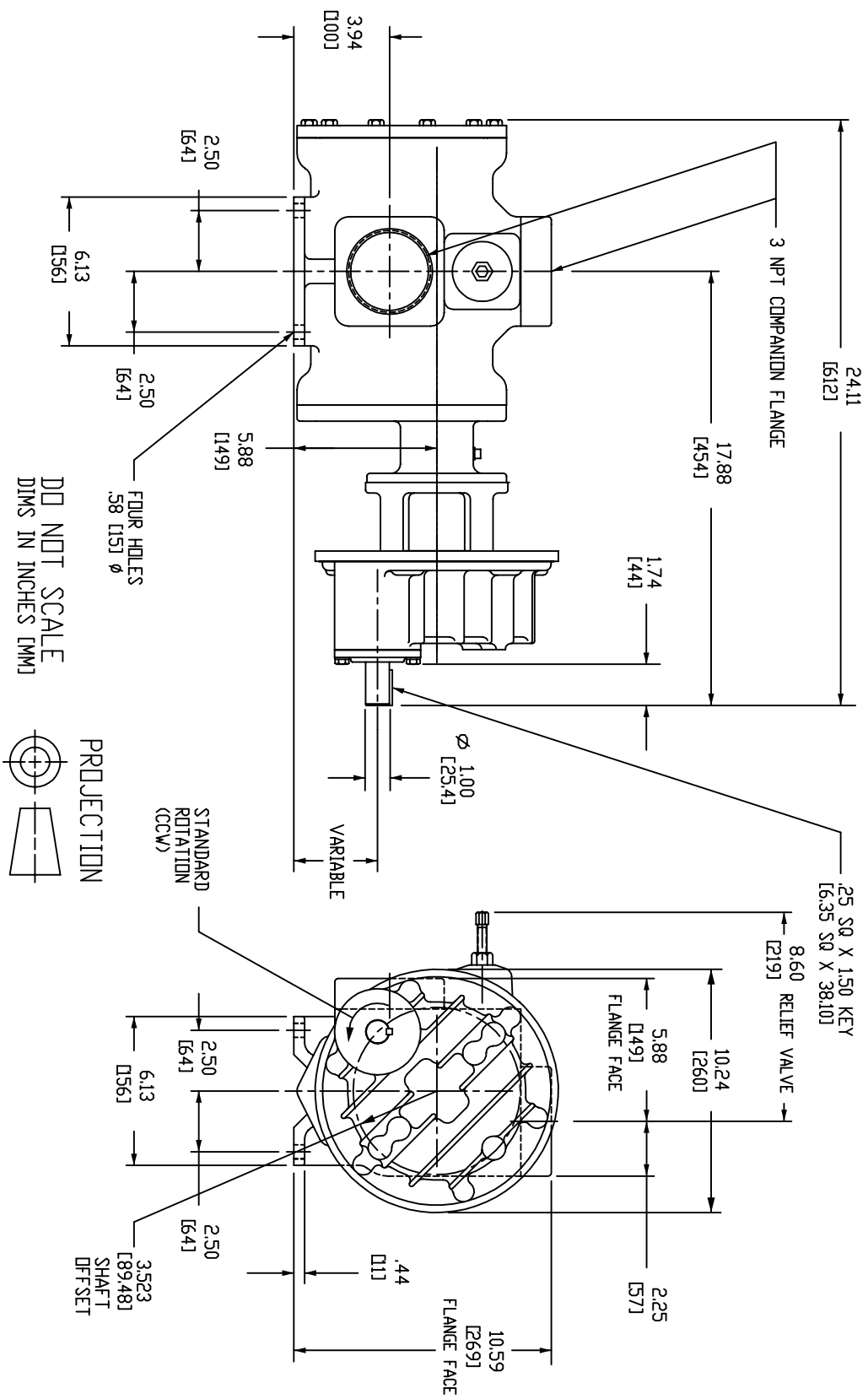
9622-9722 HBF,RV



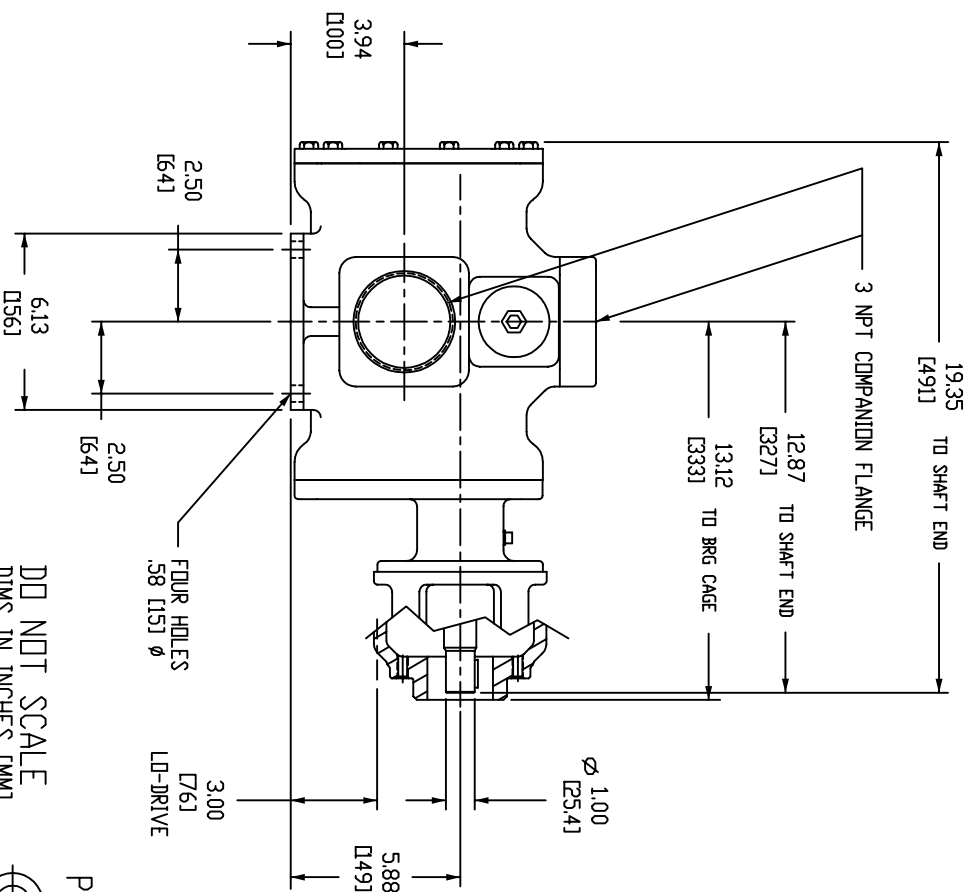
DO NOT SCALE
DIMS IN INCHES [MM]



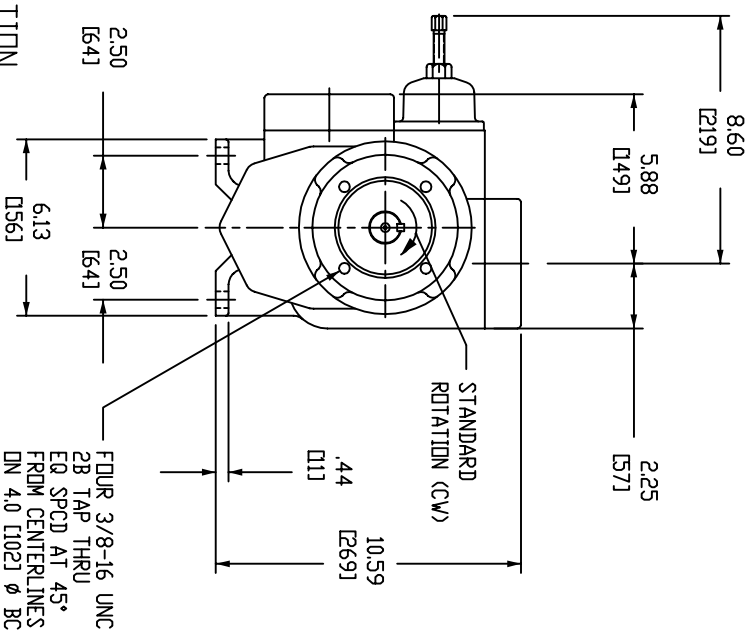
9622-9722 GHBf,RV

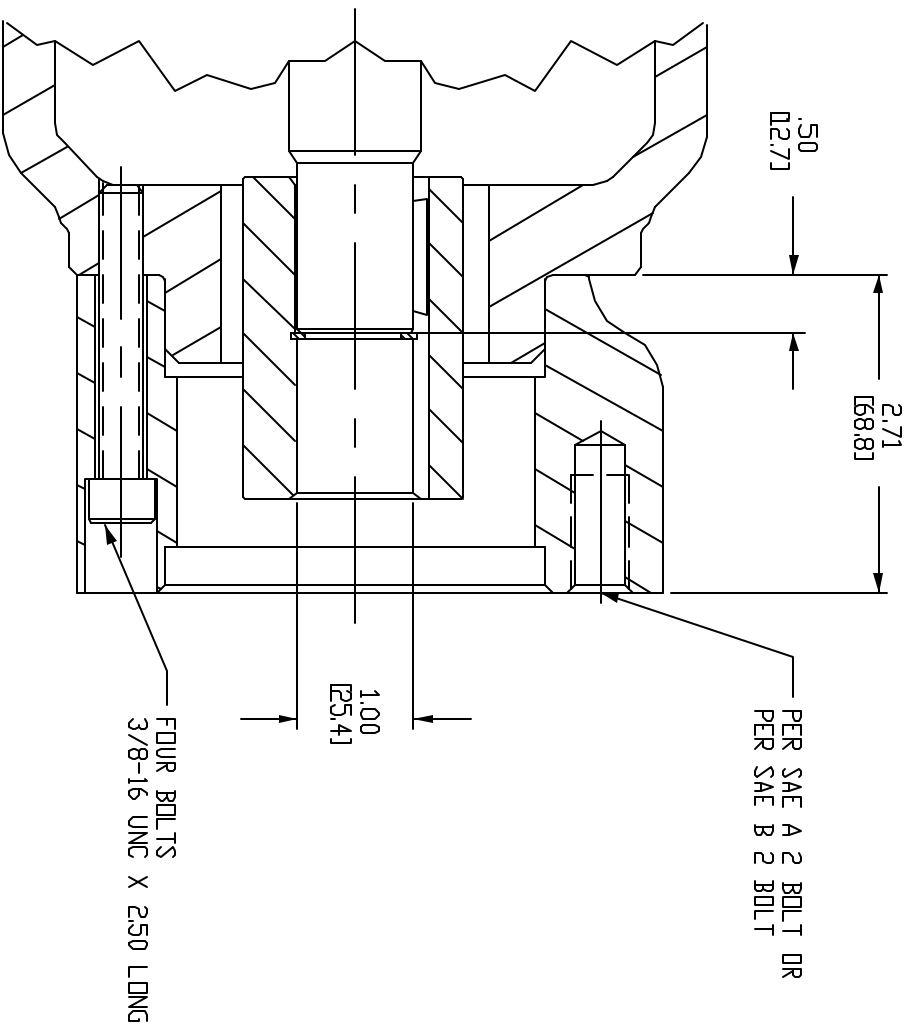


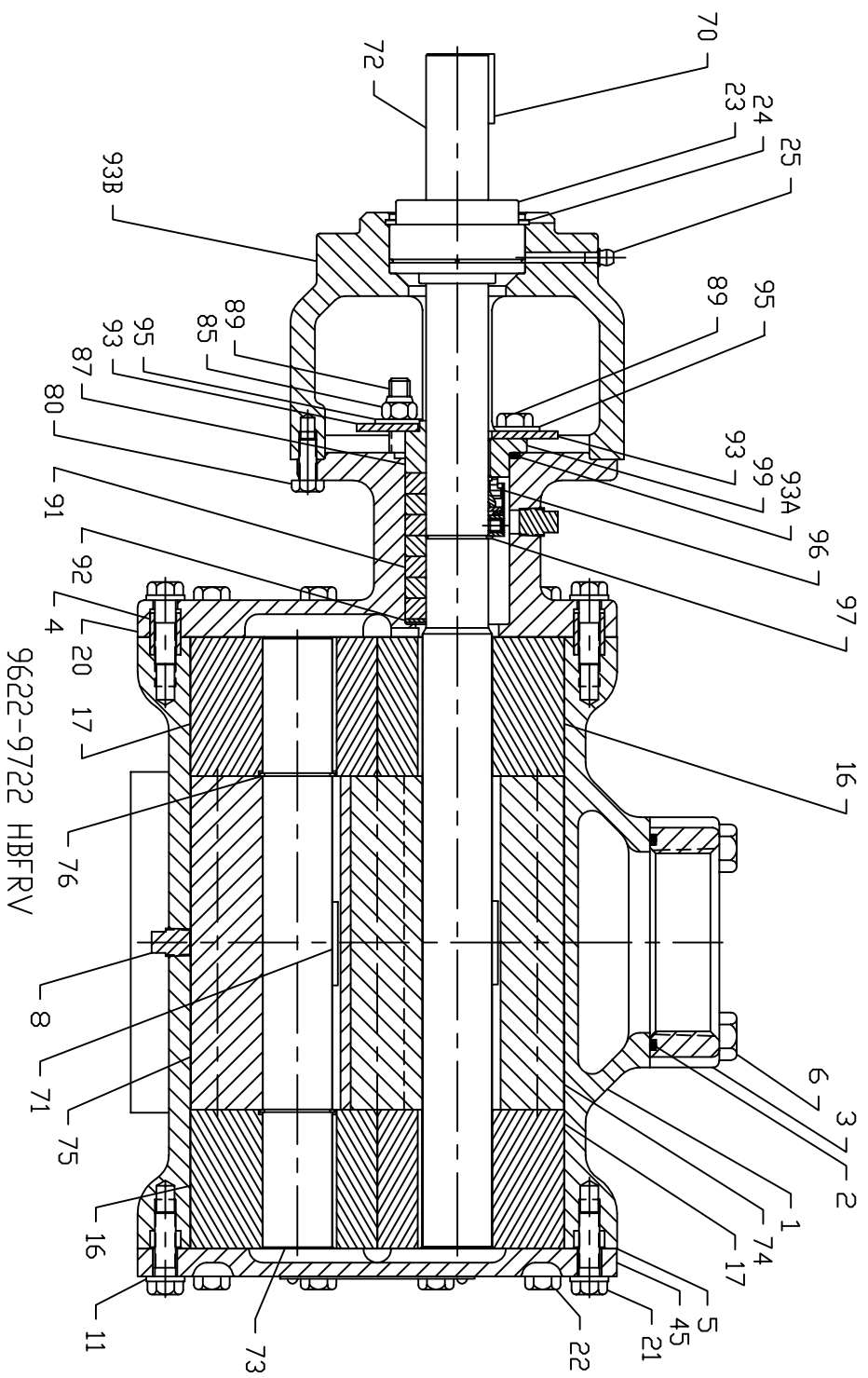
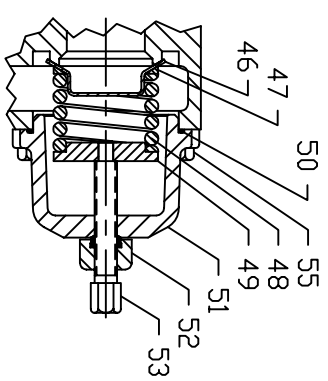
-.25 X 1.00 WOODRUFF KEY
[6.35 X 25.4]



PROJECTION



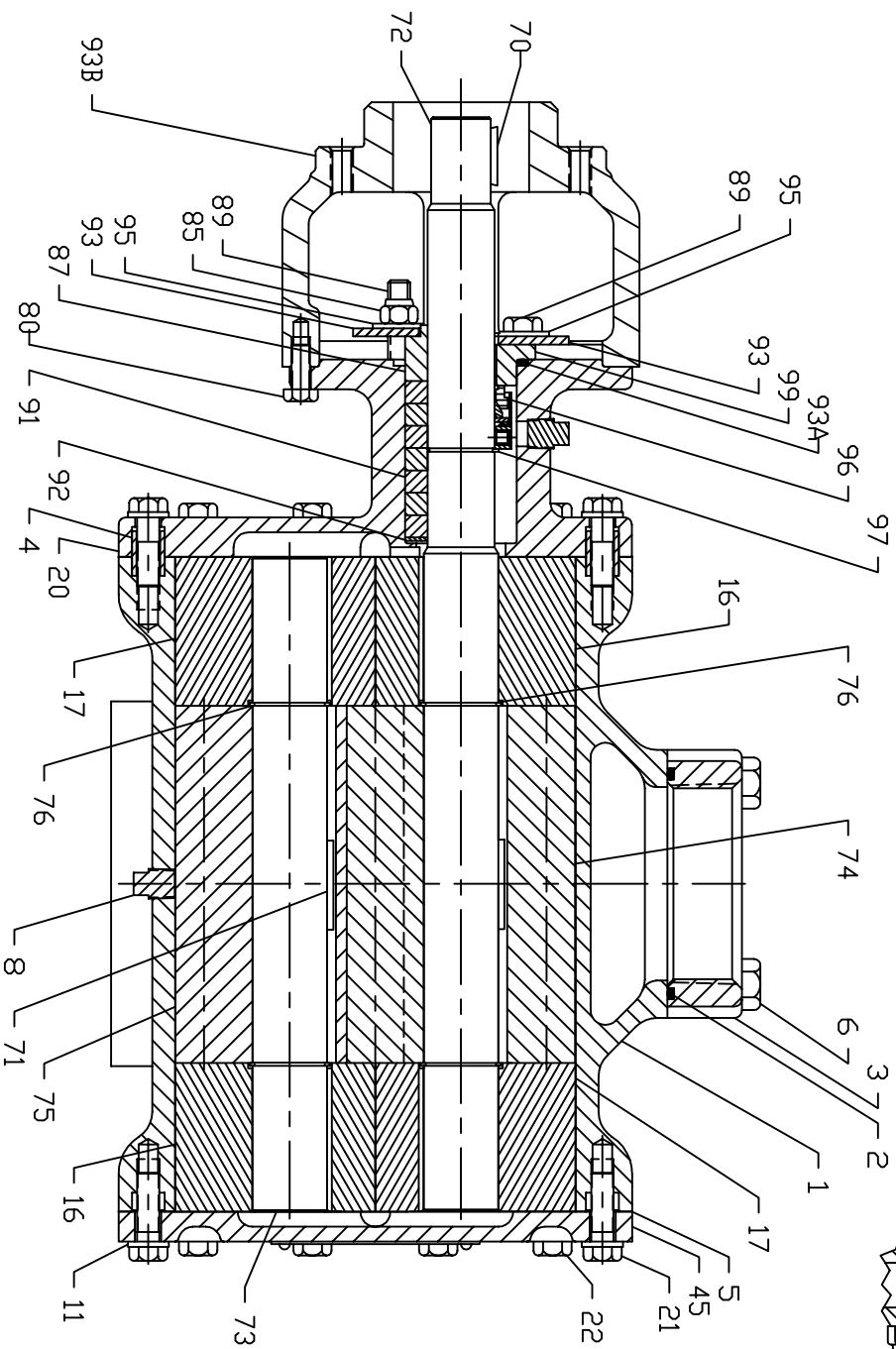
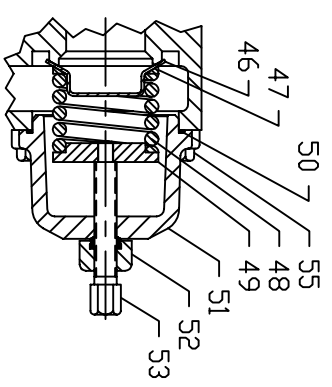




9622-9722 HBF RV

9622-9722 HBFRV

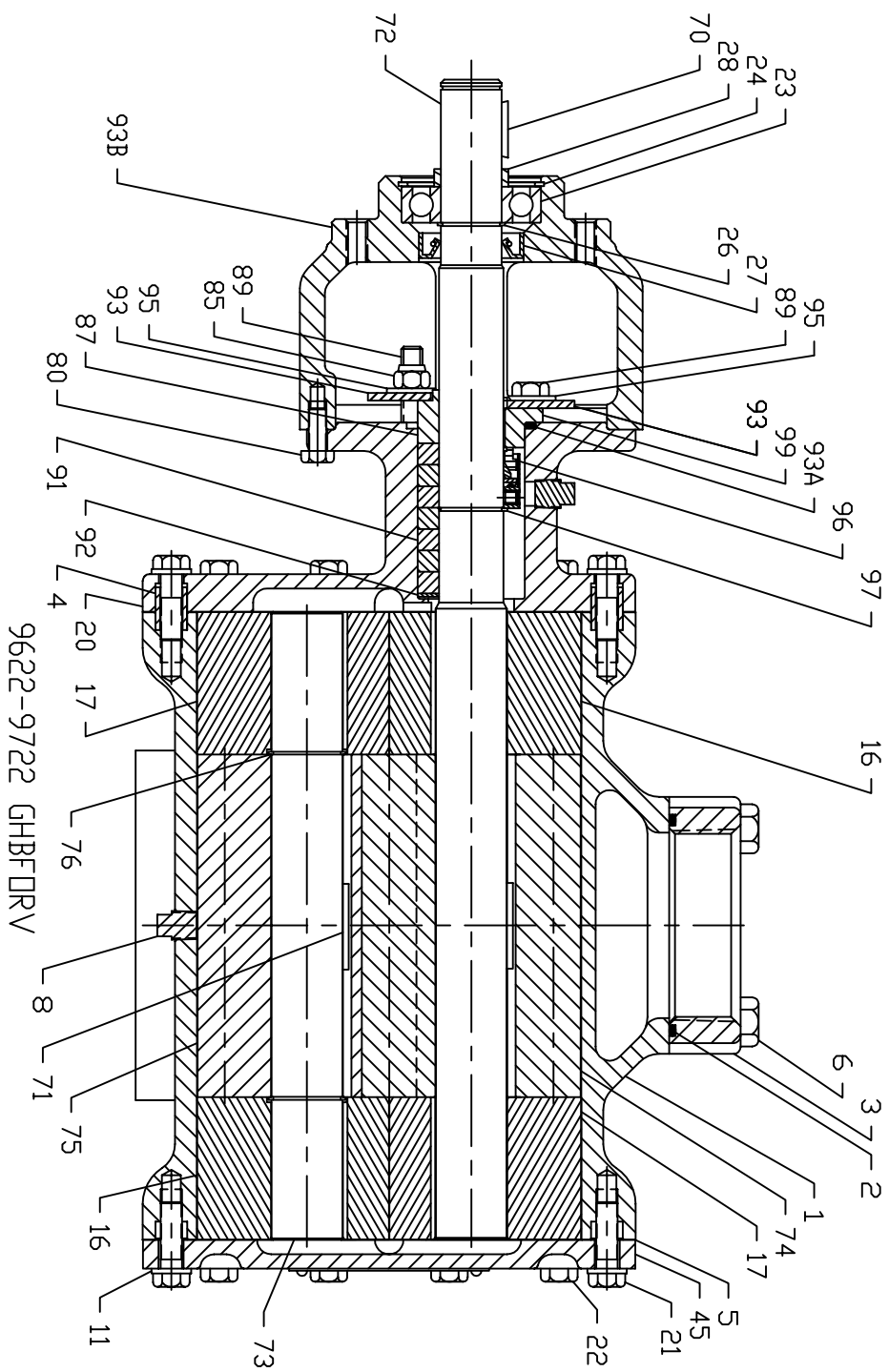
KEY NO.	DESCRIPTION	9622-9722	
		QTY	PART NO.
1	Case	1	CP1-414
2	"O" Ring, Flange	2	G70-20
3	Flange	2	CP23-71
4	Dowel Pin	2	D48-42
5	Case Gasket	2	G11-236
6	Hex Hd Cap Screw	8	G75-050175
8	Pipe Plug	5	G56-43
11	Lockwasher	4	G8-396
16	Brg Assy	2	N16-143
17	Brg Assy	2	N16-144
20	Backplate	1	CP2-1631
21	Hex Hd Cap Screw	4	G75-037150
22	Hex Hd Cap Screw	16	G75-037125
23	Ball Brg	1	G40-285
24	Ret Ring	1	G41-164
25	Lube Ftg	1	G63-1
45	Faceplate, RV	1	CP3-457
46	Poppet	1	D16-16
47	Adapter	1	G8-282
48	Spring, Std Press	1	G10-363
	Spring, High Press	1	G10-429
49	Spring Guide	1	D8-355
50	"O" Ring, RV Cap	1	G70-25
51	RV Body	1	CP24-24
52	Nut, Lock & Seal	1	G43-68
53	Adjusting Screw	1	G62-51
55	Hex Hd Cap Crew	4	G75-031075
70	Key, Drive	1	D30-171
71	Key, Gear	2	D30-168
72	Drive Shaft	1	D1-2573
73	Idler Shaft	1	D1-2599
74	Gear, LH	1	D6-704
75	Gear, RH	1	D6-705
76	Ret Ring	2	G41-146
80	Hex Hd Cap Crew	4	G75-031075
85	Locknut	2	G43-24
87	Pkg Gland	1	D45-218
89	Stud, Pkg	4	D22-273
	Hex Hd Cap Screw, Mech Seal	4	G75-037075
91	Pkg Rings	7	G14-838
92	Pkg Washer	1	D8-482
93	Seal Retainer	1	D8-480
93A	"O" Ring, Seal Face	1	G70-23
93B	Brg Cage	1	P4-479-18
95	Washer	4	G8-289
96	Mech Seal, Complete	1	G14-339
97	Ret Ring	1	G41-68
99	Seal Face	1	D23-347



9622-9722 BHFRV

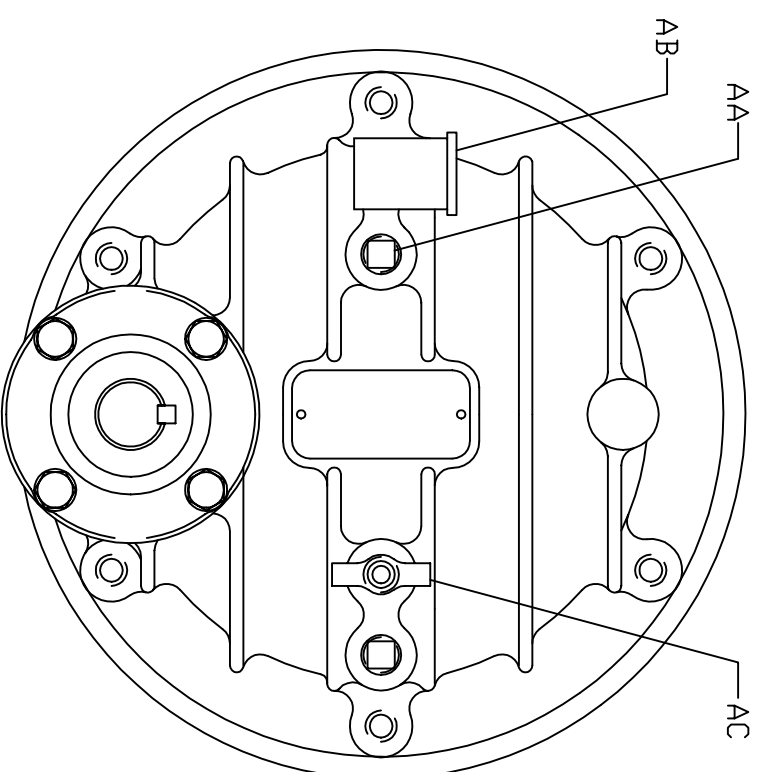
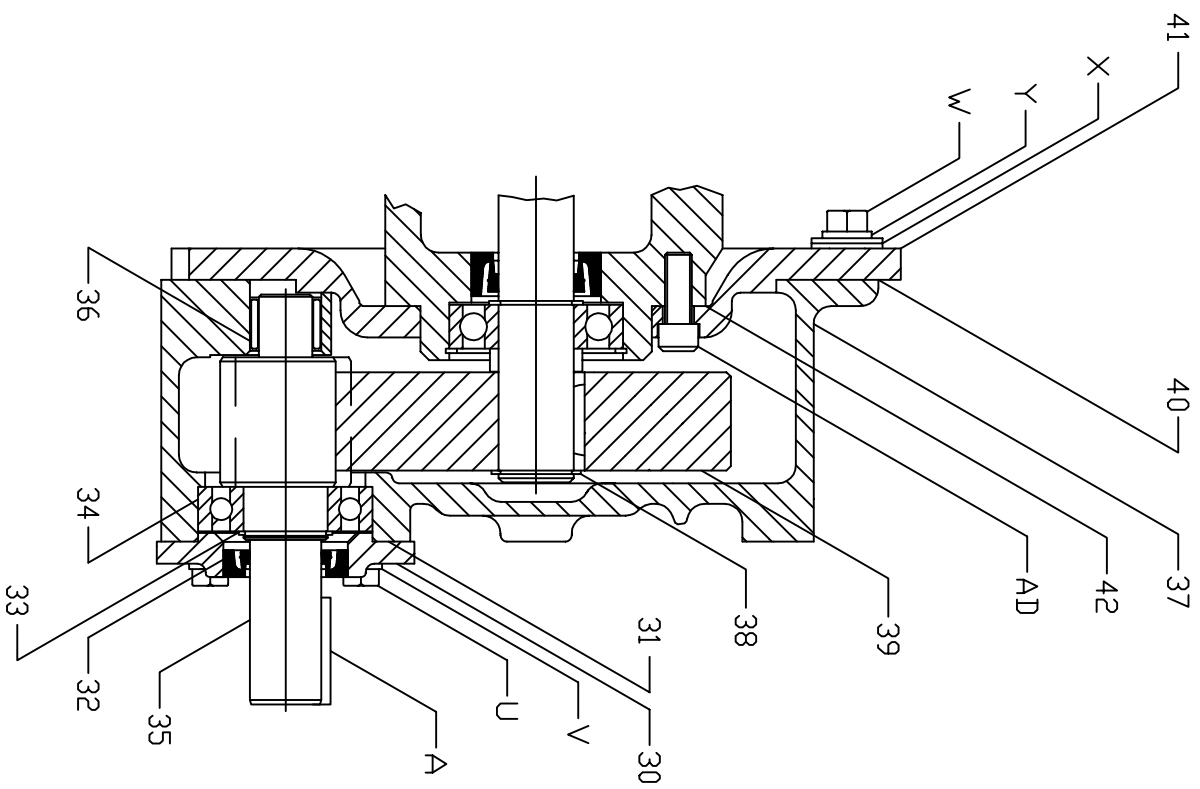
9622-9722 BHFRV

KEY NO.	DESCRIPTION	9622-9722	
		QTY	PART NO.
1	Case	1	CP1-414
2	"O" Ring, Flange	2	G70-20
3	Flange	2	CP23-71
4	Dowel Pin	2	D48-42
5	Case Gasket	2	G11-236
6	Hex Hd Cap Screw	8	G75-050175
8	Pipe Plug	5	G56-43
11	Lockwasher	4	G8-396
16	Brg Assy	2	N16-143
17	Brg Assy	2	N16-144
20	Backplate	1	CP2-1631
21	Hex Hd Cap Screw	4	G75-037150
22	Hex Hd Cap Screw	16	G75-037125
45	Faceplate, RV	1	CP3-457
46	Poppet	1	D16-16
47	Adapter	1	G8-282
48	Spring, Std Press	1	G10-363
	Spring, High Press	1	G10-429
49	Spring Guide	1	D8-355
50	"O" Ring, RV Cap	1	G70-25
51	RV Body	1	CP24-24
52	Nut, Lock & Seal	1	G43-68
53	Adjusting Screw	1	G62-51
55	Hex Hd Cap Crew	4	G75-031075
70	Key, Drive	1	D30-32
71	Key, Gear	2	D30-168
72	Drive Shaft	1	D1-2601
73	Idler Shaft	1	D1-2599
74	Gear, LH	1	D6-704
75	Gear, RH	1	D6-705
76	Ret Ring	4	G41-146
80	Hex Hd Cap Crew	4	G75-031075
85	Locknut	2	G43-24
87	Pkg Gland	1	D45-218
89	Stud, Pkg	4	D22-273
	Hex Hd Cap Screw, Mech Seal	4	G75-037075
91	Pkg Rings	7	G14-838
92	Pkg Washer	1	D8-482
93	Seal Retainer	1	D8-480
93A	"O" Ring, Seal Face	1	G70-23
93B	Brg Cage	1	P4-476-18
95	Washer	4	G8-289
96	Mech Seal, Complete	1	G14-339
97	Ret Ring	1	G41-68
99	Seal Face	1	D23-347



9622-9722 GHBFORV

KEY NO.	DESCRIPTION	9622-9722	
		QTY	PART NO.
1	Case	1	CP1-414
2	"O" Ring, Flange	2	G70-20
3	Flange	2	CP23-71
4	Dowel Pin	2	D48-42
5	Case Gasket	2	G11-236
6	Hex Hd Cap Screw	8	G75-050175
8	Pipe Plug	5	G56-43
11	Lockwasher	4	G8-396
16	Brg Assy	2	N16-143
17	Brg Assy	2	N16-144
20	Backplate	1	CP2-1631
21	Hex Hd Cap Screw	4	G75-037150
22	Hex Hd Cap Screw	16	G75-037125
23	Ball Brg	1	G40-147
24	Ret Ring	1	G41-20
26	Ret Ring	1	G41-76
27	Lip Seal	1	G17-74
28	Spacer	1	D45-100
45	Faceplate, RV	1	CP3-457
46	Poppet	1	D16-16
47	Adapter	1	G8-282
48	Spring, Std Press	1	G10-363
	Spring, High Press	1	G10-429
49	Spring Guide	1	D8-355
50	"O" Ring, RV Cap	1	G70-25
51	RV Body	1	CP24-24
52	Nut, Lock & Seal	1	G43-68
53	Adjusting Screw	1	G62-51
55	Hex Hd Cap Crew	4	G75-031075
70	Key, Drive	1	D30-32
71	Key, Gear	2	D30-168
72	Drive Shaft	1	D1-2631
73	Idler Shaft	1	D1-2599
74	Gear, LH	1	D6-704
75	Gear, RH	1	D6-705
76	Ret Ring	2	G41-146
80	Hex Hd Cap Crew	4	G75-031075
85	Locknut	2	G43-24
87	Pkg Gland	1	D45-218
89	Stud, Pkg	4	D22-273
	Hex Hd Cap Screw, Mech Seal	4	G75-037075
91	Pkg Rings	7	G14-838
92	Pkg Washer	1	D8-482
93	Seal Retainer	1	D8-480
93A	"O" Ring, Seal Face	1	G70-23
93B	Brg Cage	1	P4-469-18
96	Mech Seal, Complete	1	G14-339
97	Ret Ring	1	G41-68
99	Seal Face	1	D23-347



N41-1

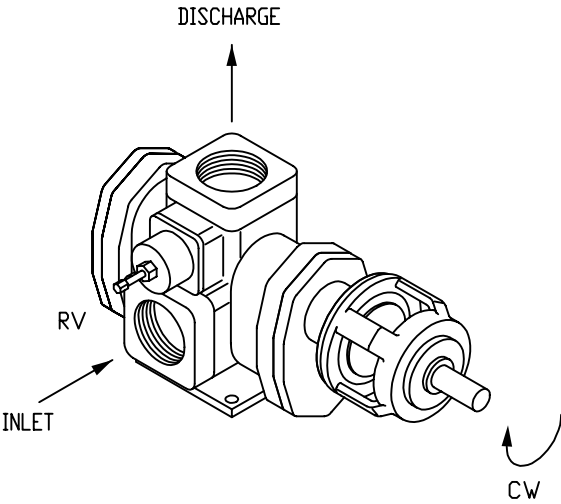
N41-XXX-1

KEY NO.	DESCRIPTION	N41-320-1		N41-394-1		N41-460-1	
		QTY	PART NO.	QTY	PART NO.	QTY	PART NO.
30	Bearing Retainer	1	P4-384	1	P4-384	1	P4-384
31	Bearing Retainer Gasket	1	D11-277	1	D11-277	1	D11-277
32	Lip Seal	1	D83-22	1	D83-22	1	D83-22
33	Retaining Ring	1	G41-78	1	G41-78	1	G41-78
34	Ball Bearing	1	G40-10	1	G40-10	1	G40-10
35	Pinion Gear and Shaft	1	D37-120	1	D37-117	1	D37-115
36	Needle Bearing	1	G40-30	1	G40-30	1	G40-30
37	Gear Case	1	P49-2	1	P49-2	1	P49-2
38	Retaining Ring	1	G41-76	1	G41-76	1	G41-76
39	Drive Gear	1	D37-64	1	D37-67	1	D37-69
40	Gear Case Gasket	1	D11-278	1	D11-278	1	D11-278
41	Gear Box Cover	1	P22-13	1	P22-13	1	P22-13
42	Cover Gasket	1	D11-276	1	D11-276	1	D11-276
A	Drive Key	1	D30-9	1	D30-9	1	D30-9
AA	Pipe Plug	2	G56-12	2	G56-12	2	G56-12
AB	Oil Cup	1	G61-239	1	G61-239	1	G61-239
AC	Petcock	1	G61-71	1	G61-71	1	G61-71
AD	Socket Head Cap Screw	4	G45-037100	4	G45-037100	4	G45-037100
U	Hex Head Cap Screw	4	G49-031075	4	G49-031075	4	G49-031075
V	Lockwasher	4	G8-71	4	G8-71	4	G8-71
W	Hex Head Cap Screw	6	G49-037125	6	G49-037125	6	G49-037125
X	Flat Washer	12	G8-52	12	G8-52	12	G8-52
Y	Lockwasher	6	G8-72	6	G8-72	6	G8-72

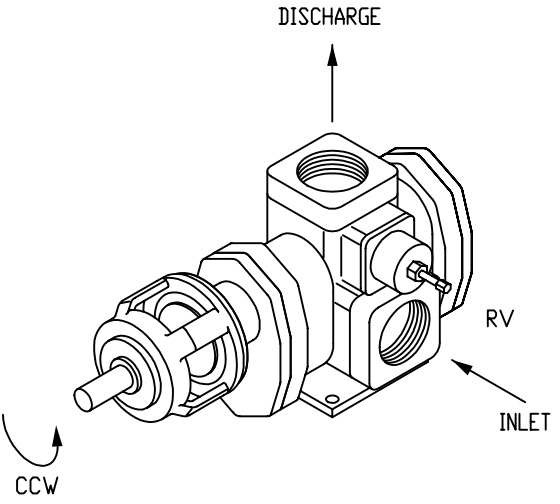
9622-9722 HBFRV

HIGH-DRIVE

W ROTATION

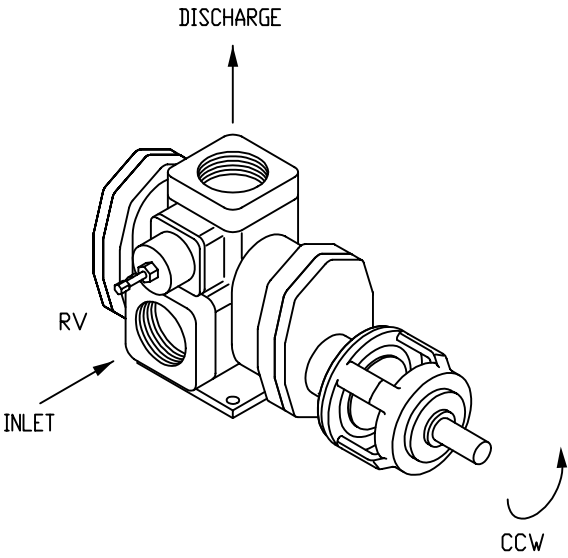


Z ROTATION

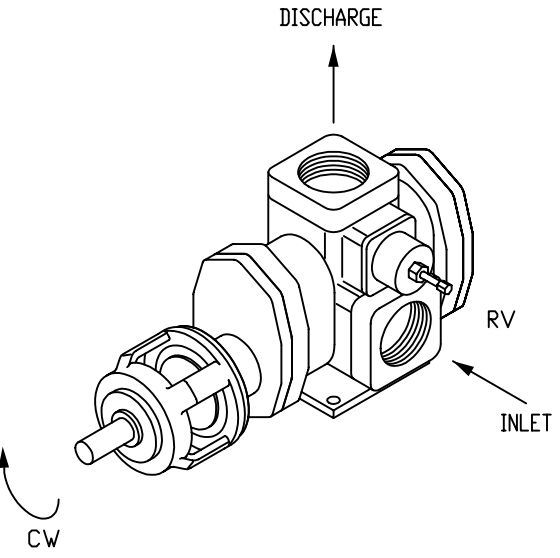


LOW-DRIVE

LX ROTATION



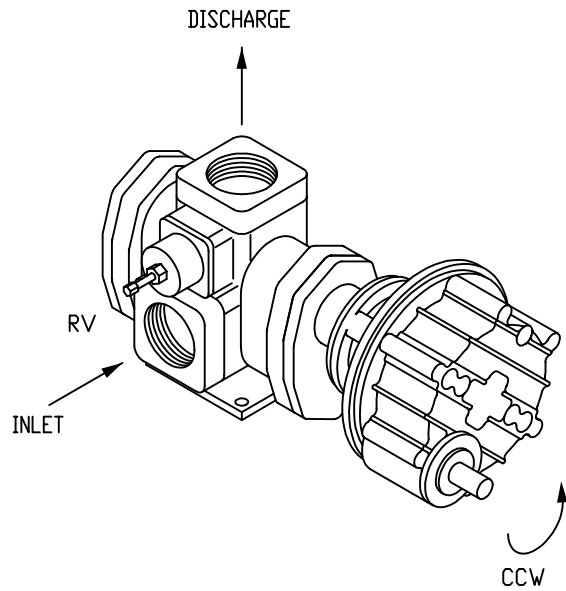
LY ROTATION



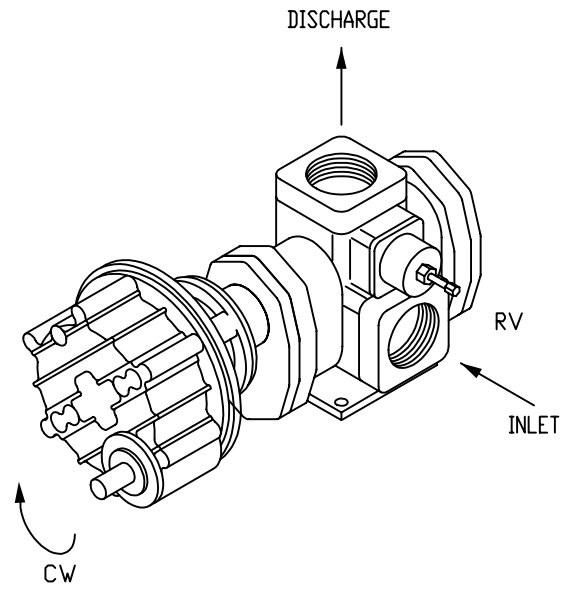
9622-9722 GHBF RV

HIGH-DRIVE

W ROTATION

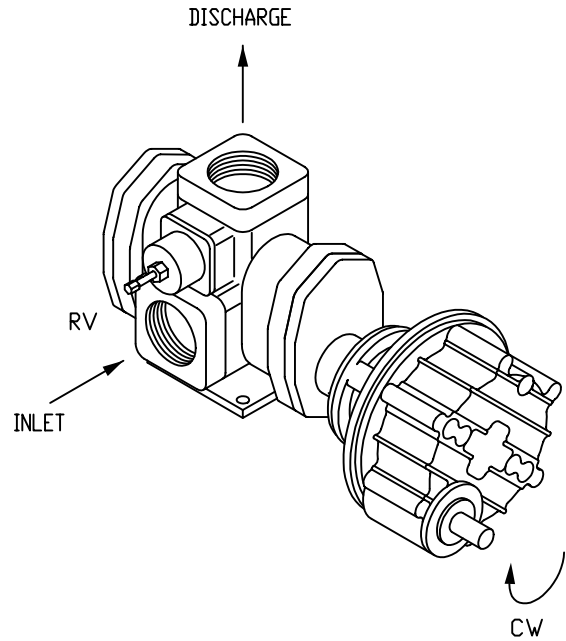


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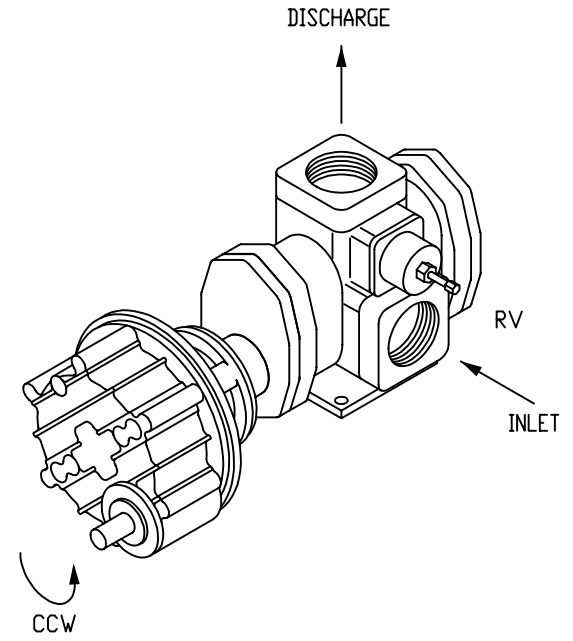


LOW-DRIVE

LX ROTATION



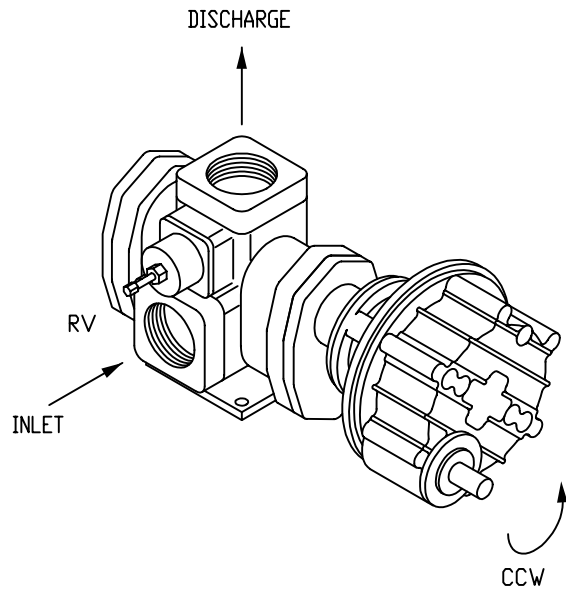
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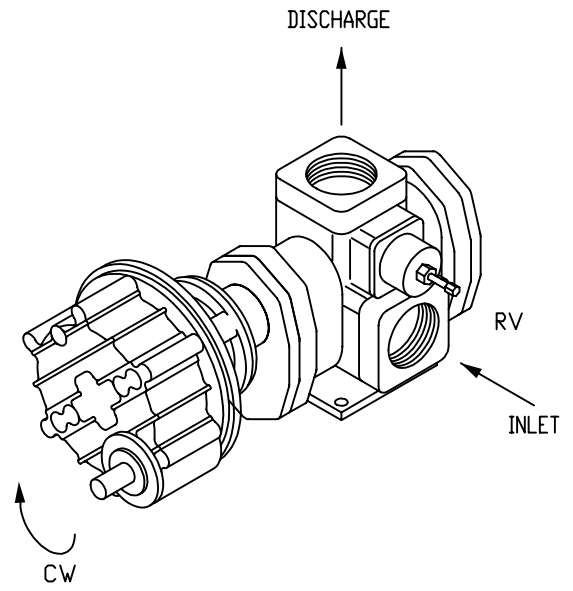
9622-9722 GHBF RV

HIGH-DRIVE

W ROTATION

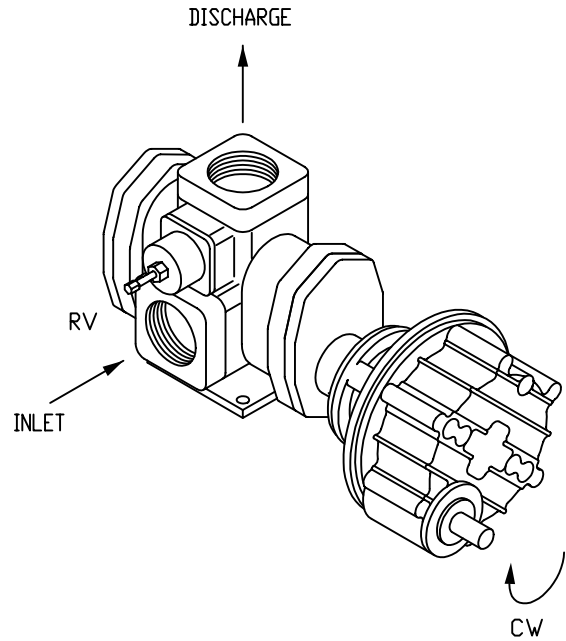


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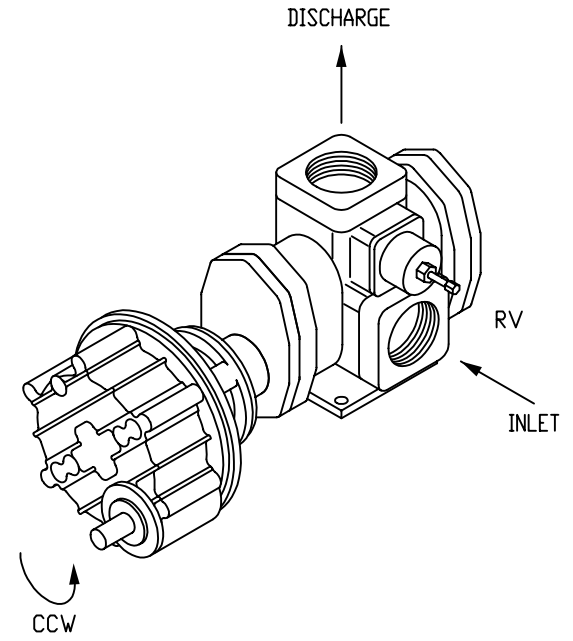


LOW-DRIVE

LX ROTATION



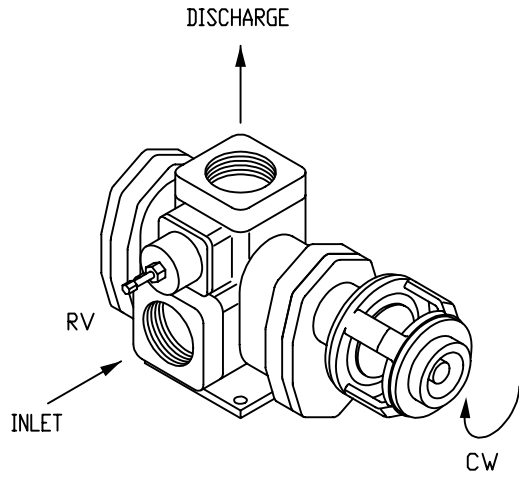
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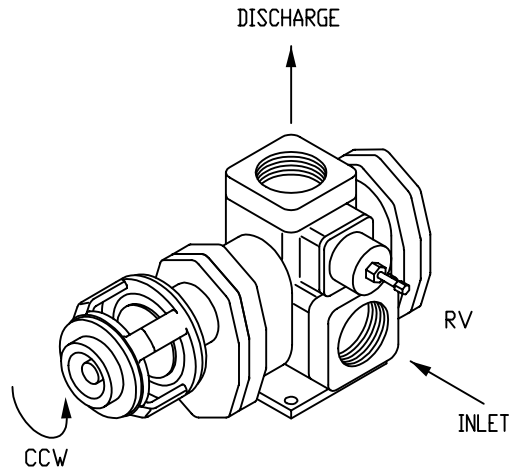
9622-9722 BHFRV

HIGH-DRIVE

W ROTATION

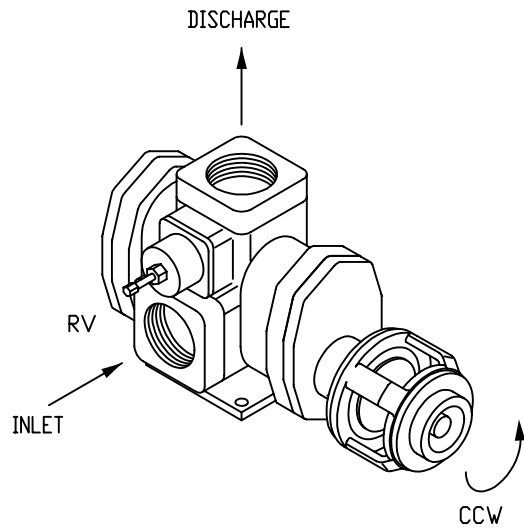


Z ROTATION



LOW-DRIVE

LX ROTATION



LY ROTATION

