



# PRESSURE VALVES PVT.LTD.

CIN No. : U29304GJ2017PTC096922 • GST NO. : 24AAJCP1387R1ZP

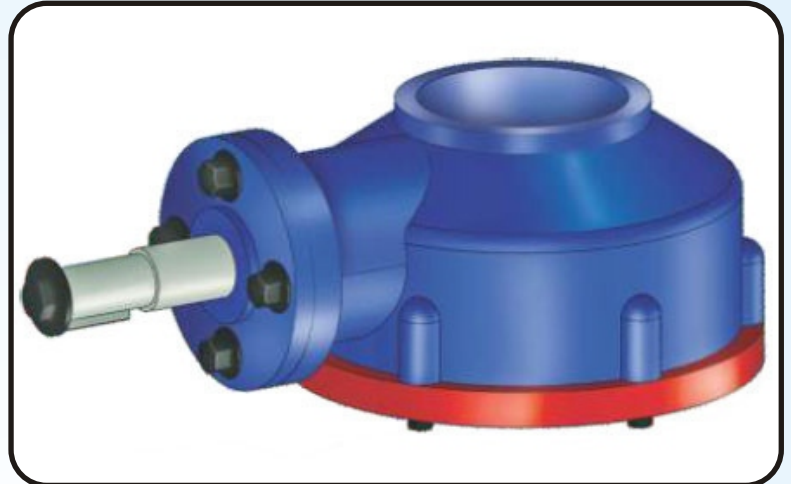
## About The Pressure Gear

The Pressure Gear Series of Multi-turn Bevel Gear Operator Are Multi-turn Devices Used To Operate Gate, Globe, Sluice Valves Each Model In This Serie Is Suitable For Manual Operation

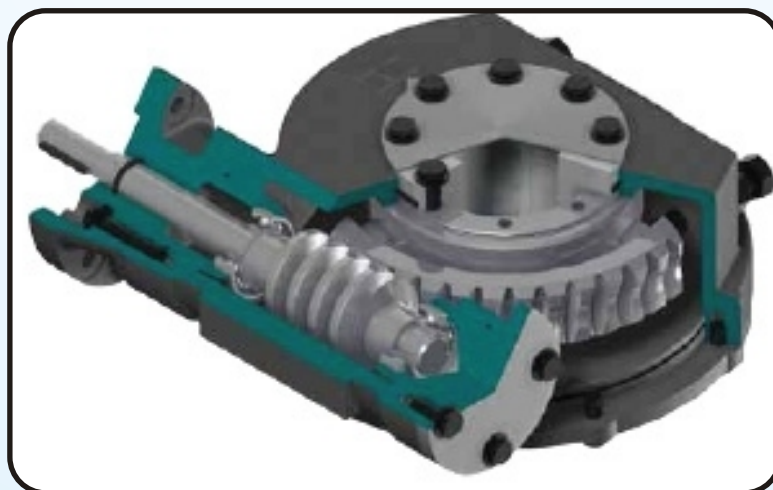
## Features

- 5 Models Upto 8000 Nm And 3,08, 000 N Thrust
- Geares Filled For Life
- Fully Sealed Gearbox And Completely Enclosed Gearing
- Multiple Gear Ratios For Various Application
- Removable Stem Sleeve
- Spur And Bevel Combination Available.
- Powder Coated Handwheels For Smooth And Easy Operation

## BEVEL GEAR



## QUARTER TURN GEAR



**Reg. Office** : L-7, Sun Complex, Opp. Lotus High School, Nr. Govindvadi, Ishanpur, Ahmedabad-382443, Gujarat, India. **Ph.** : 079-25322221, +91 7490034801, 9824334801

**Factory & Correspandce Address** : 51, Ambica Industrial Estate, Nr. Vatva Railway Over Bridge, Vatva, Ahmedabad-382440, Gujarat, India. **Ph.** : 079-25895935, +91 7490034801, 9824334801



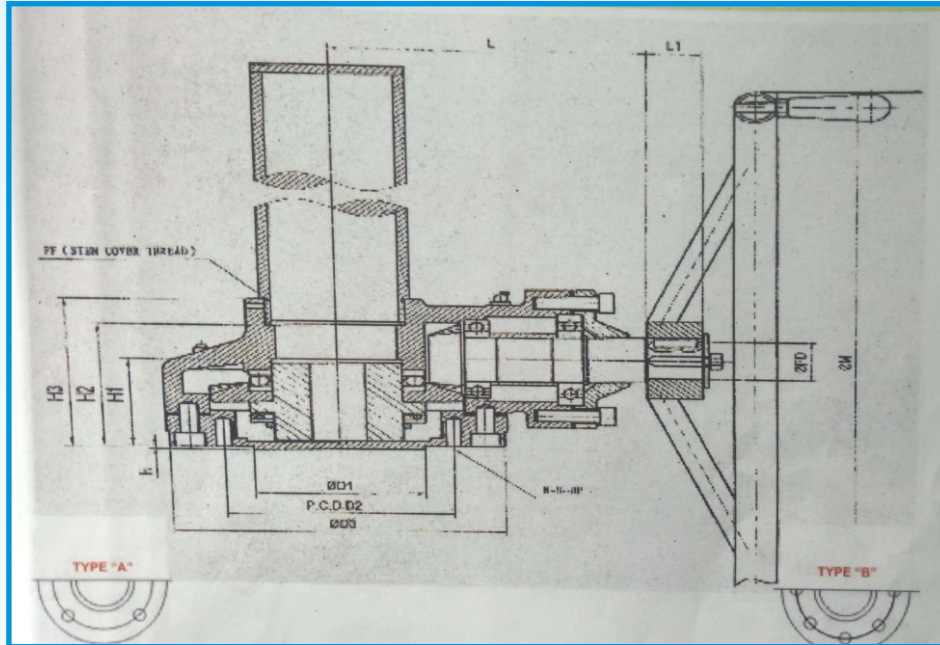
**MANUFACTURER OF INDUSTRIAL VALVES AND GEARS**

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Model No	Base Part					External Part					Input Shaft Part			Hand Wheel	
	Type	Flange Size	D 1	P.C.D.		D 3	H	H 1	H 2	H 3	L	L1	PD	Key	M
Model No				D 2	N-H-DP										
PVPL -101	A	F-14	100	140	4-M16-20	175	4	62	98	118	160	34	25	8 X 4	400
PVPL-102	A	F-14	100	140	4-M16-24	200	4	95	110	130	170	34	32	10 X 5	400
PVPL-103	A	F-16	130	165	4-M16-24	210	5	110	120	140	175	34	32	10 X 5	400
PVPL-104	B	F-20	140	205	8-M16-24	250		125	127	152	200	36	35	10 X 5	500
PVPL-105	B	F-30	230	298	8-M16-30	350	5	150	155	175	280	40	45	12 X 6	600

Model No	Gear Ratio	Max Steam Acceptance	Max Thrust Capacity		Max Tarque Capacity		Weight
			N	KGf	N.M	KGf.M	
		TW					KG
PVPL -101	3.1 : 1	35	113000	11500	650	51	18
PVPL-102	3.25 : 1	45	127000	12900	1000	100	22
PVPL-103	3. : 1	57	141000	14400	1900	194	26
PVPL-104	3.2 : 1	63	190000	19400	3800	255	40
PVPL-105	3.8 : 1	90	308000	31500	8500	612	95

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## MATERIAL OF CONSTRUCTION

No	Part Name	Material Spacification
1	Gear Box Body	Cast Steel / SG Iron
2	Bearing Cover	SG Iron
3	Steam Nut	SG Iron
4	Base	MS
5	Cover	MS
6	Gear	EN-8
7	Bevel Pinion	EN-8
8	O-Ring	Nitrile
9	O-Ring	Nitrile
10	Socket Head Cap Screw	High Tensile Allen Cap
11	Socket Head Cap Screw M-8	High Tensile
12	Thrust Bearing	Hard Crome Iron
14	Ball Bearing	Hard Crome Iron
15	Hand Wheel	Hard Crome Iron
16	Stem Cover	M S Pipe
17	Plug 1/ 4 BSP	M S
18	Grease Nipple 1/8 NPT	S S 304
19	Cerclip	IS 3075 High Grade Spring Steel
20	Coller	MS
21	Key	MS
22	Washer	MS
23	Hex Nut	MS
24	CSK Screw M8 x 16	High Grade Alloy Steel
25	Grub Screws 5/16 BSW	ASME/ANSI : B18.3
26	Hex Bolt	MS
27	Grease	AP-3
28	Spring Washer	High Grade Spring Steel
29	Handle Screw	MS
30	Wheel Handle	Backalite

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