

## ECCENTRIC PLUG VALVES

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Size	F5412 Flanged No Operator *	F5413 MJ w/acc No Operator *	F5414 Grooved No Operator *
3"	\$686.00	\$753.00	\$686.00
4"	\$727.00	\$794.00	\$727.00
6"	\$1,246.00	\$1,341.00	\$1,246.00
8"	\$1,737.00	\$1,872.00	\$1,737.00
10"	\$2,570.00	\$2,772.00	\$2,570.00
12"	\$3,373.00	\$3,649.00	\$3,373.00
14"	\$4,947.00	\$5,292.00	
16"	\$6,923.00	\$7,407.00	
18"	\$10,333.00	\$10,891.00	
20"	\$14,956.00	\$15,651.00	
24"	\$26,648.00	\$29,711.00	

\*3" Flanged and Grooved valves come standard with levers. Operating nuts are available.

Worm gearing recommended on 6" with 75 PSI or more and 8" with 60 PSI or more. [\(See Pg. 18\)](#)

10" - 24" must add price of worm gear actuator. Actuator is recommended on 6" above

**Notes:** All non-gearred valves are furnished with op-nuts.

- ▶ Lever wrench heads are available for 4" - 8" non-gearred valves with op-nuts.
- ▶ Lever actuators can only be used for pressure ratings of 100 PSI maximum and 25 PSI in reverse flow condition.
- ▶ It is recommended that valves be configured with geared actuators if installed in pipelines with high velocity flows or where water hammer conditions exist. Lever actuators can only be used for pressure ratings of 100 PSI maximum and 25 PSI in the reverse flow condition.
- ▶ Worm gears recommended on all buried service valves.
- ▶ For MJ valves less accessories ~ use flanged list price
- ▶ Gearing required on plug valves with handwheels

**Adders:** Lever Wrench Head           \$43.00 Part Number M1300490  
 Special coating                         \$18.00 Per inch per coat  
 Wrench Nut Handle                       3A50012

### CHAIN LEVER OPERATOR (For 4" - 8" valves without actuators)

SIZE	PSI	Price	Part #	Size of Handles on each side
4"	0 - 75	\$265.00	A1300653	9"
6"	0 - 75	\$272.00	A1300656	17"
8"	0 - 60	\$272.00	A1300656	17"

▶ **Note:** Chain for above PC# T0800062 - \$6.00. per foot

### CHAIN WHEEL

(Add to price of actuator and hand wheel)

Hand wheel Size	Price
10"	\$331.00
18"	\$553.00
24"	\$1,017.00
30"	\$1,255.00

304 Stainless Steel Bolts & Nuts for Plug Valve	
4" - 6"	\$40.00
8"	\$56.00
10" - 12"	\$78.00
14" - 24"	\$254.00

▶ **Note:** Chain for above PC# T0800062 - \$6.00. per foot

▶ **Note:** 316 Stainless Steel bolts & nuts are POA.

## WORM GEAR ACTUATORS

[Add to price of plug valve. \(See page 17\)](#)

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### Worm Gear Actuator Section Chart For In-Plant Valves (above ground w/hand wheel)

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Size	Differential Pressure Across Valve (PSI)							Worm Gear Pricing	
	0-25	26-50	51-75	76-100	101-125	126-150	151-175		
4"	A110	A110	A110	A110	A110	A110	A110	A110	\$817.00
6"	A110	A110	A110	A110	A110	A110	A110	A118	\$948.00
8"	A110	A110	A110	A110	A110	A110	A110	A924	\$2,637.00
10"	A118	A118	A118	A118	A118	A118	A118	A930	\$2,730.00
12"	A118	A118	A118	A118	A118	A118	A118	A1024	\$3,313.00
14"	A924	A924	A924	A924	A924	A930		A1030	\$4,347.00
16"	A1024	A1024	A1024	A1024	A1024	A1624		A1624	\$5,035.00
18"	A1024	A1024	A1024	A1024	A1030	A1624		A1630	\$9,608.00
20"	A1024	A1024	A1024	A1030	A1624	A1624			
24"	A1024	A1024	A1030	A1624	A1630	A1630			

A110	1KE/10"	Hand wheel	A1024	10KE2.5/24"	Hand wheel
A118	1KE/18"	Hand wheel	A1030	10KE2.5/30"	Hand wheel
A924	9KE/24"	Hand wheel	A1624	10KE6/24"	Hand wheel
A930	9KE/30"	Hand wheel	A1630	16KE/30"	Hand wheel

### Worm Gear Actuator Section Chart for Underground Valves (buried w/op-nut)

Size	Differential Pressure Across Valve (PSI)							Worm Gear Pricing	
	0-25	26-50	51-75	76-100	101-125	126-150	151-175		
4"	U10N	U10N	U10N	U10N	U10N	U10N	U10N	U10N	\$872.00
6"	U10N	U10N	U10N	U10N	U10N	U10N	U10N	U90N	\$2,676.00
8"	U10N	U10N	U10N	U10N	U10N	U10N	U10N	U100N	\$4,027.00
10"	U10N	U10N	U10N	U10N	U10N	U10N	U10N	U160N	\$9,747.00
12"	U10N	U10N	U10N	U10N	U10N	U10N	U10N		
14"	U90N	U90N	U90N	U90N	U90N	U90N			
16"	U90N	U90N	U90N	U100N	U100N	U100N			
18"	U100N	U100N	U100N	U100N	U100N	U100N			
20"	U100N	U100N	U100N	U100N	U100N	U100N			
24"	U100N	U100N	U100N	U160N	U160N	U160N			

U10N	1KE/Op nut Buried Service
U90N	9KE/Op nut Buried Service
U100N	10KE2.5/Op nut Buried Service
U160N	16KE/Op nut Buried Service

**Notes:**

- ▶ It is important to use ACTUAL PRESSURE when possible. Under sizing is not recommended and over sizing is expensive.
- ▶ IN-PLANT prices include indicator and hand wheel.
- ▶ Underground Prices include operating nut and buried service cover.
- ▶ ALL IN-PLANT actuators are sized for no more than 80lbs pull on hand wheel.
- ▶ ALL UNDERGROUND actuators are sized for input torque of no more than 150 ft-lbs on the Op. Nut.
- ▶ Price on application for valves requiring submerged service, special paint or 316 stainless steel hardware.
- ▶ Epoxy adder - \$18.00 list per inch/coat

**100% PORT ECCENTRIC PLUG VALVES**[Back to table of contents](#)

Size	FLG X FIG 6412	MJ X MJ 6413
3"	\$ 776.00	\$ 800.00
3" w/ Worm Gear	\$ 1,358.00	\$ 1,400.00
4"	\$ 1,057.00	\$ 1,090.00
4" w/ Worm Gear	\$ 1,702.00	\$ 1,755.00
6"	\$ 1,809.00	\$ 1,865.00
6" w/ Worm Gear	\$ 2,551.00	\$ 2,630.00
8"	\$ 3,288.00	\$ 3,390.00
10"	\$ 5,087.00	\$ 5,245.00
12"	\$ 6,164.00	\$ 6,355.00
14"	\$ 12,688.00	\$ 13,080.00
16"	\$ 14,308.00	\$ 14,750.00
18"	\$ 19,349.00	\$ 18,950.00
20"	\$ 29,308.00	\$ 29,310.00
24"	\$ 65,402.00	\$ 67,425.00

Worm Gearing recommended: 6" with 75 PSI or more  
Worm Gearing recommended on all 8" and larger  
Valves with worm gear are available with handwheel or 2" nut at no additional charge  
Lever Operator - \$20.00 net adder  
Full bidirectional shut off - gear is required