

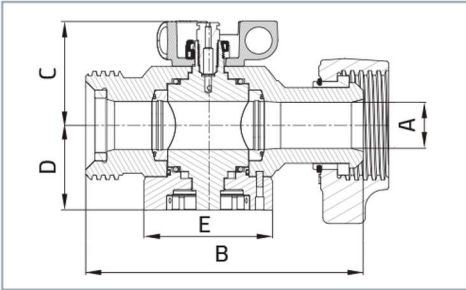
LIGHTWEIGHT PLUG VALVE

The SMI 2 inch lightweight (LW) plug valve provides the following advantages to the Oil and Gas Industry:

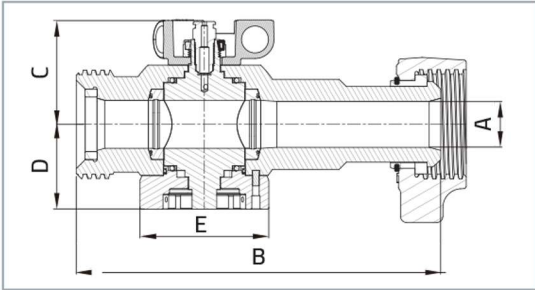
- Compact / Lightweight Design
- Meets HSE Lifting Requirements*
- Easy Assembly / Disassembly
- HSE compliant products are designed to ensure safe lifting and carrying by one person, with a maximum weight limit of 55 lbs. (25 kg).

Like other SMI high-pressure plug valves, the 2 inch LW plug valve is can provide reliable performance in various applications, including acidizing, cementing, coil tubing, fracturing, sand control, and well kill operations.

Lightweight
Plug Valve(Short)



Lightweight
Plug Valve(Long)



Lightweight Plug Valve

NO	Item	Part No.		Q'ty
		2"x2"(Short)	2"x2"(Long)	
Ass'y	Lightweight Plug Valve	PL22J1101	PL22J2101	-
1	Lock Nut	PL22JRK114	PL22JRK114	1
2	Grease Fitting	GF06E02101	GF06E02101	1
3	Pin	PL22JRK102	PL22JRK102	1
4	Bolt	PL22JRK103	PL22JRK103	8
5	O-ring A	PL22JRK104	PL22JRK104	2
6	O-ring B	PL22JRK105	PL22JRK105	1
8	O-ring C	PL22JRK107	PL22JRK107	2
9	Wing Nut	HU02JRK104	HU02JRK104	1
10	Segments	HU02JRK113	HU02JRK113	3
11	Retainer Ring	HU02JRK114	HU02JRK114	1
12	Lip Seal	HU02JRK115	HU02JRK115	1
13	Plug seal ring	PL22JRK108	PL22JRK108	2
14	Insert	PL22JRK109	PL22JRK109	2
15	Handle	PL22JRK110	PL22JRK110	1
16	Body	PL22JRK111	PL22JRK115	1
17	Cap	PL22JRK112	PL22JRK112	1
18	Plug	PL22JRK113	PL22JRK113	1

Lightweight Plug Valve Repair Kit

NO	Item	Part No.	Q'ty
-	Repair Kit Set		-
5	O-ring A	PL22JRK104	2
6	O-ring B	PL22JRK105	1
8	O-ring C	PL22JRK107	2
13	Plug seal ring	PL22JRK108	2
14	Insert	PL22JRK109	2
18	Plug	PL22JRK113	1

* Long / Short Type Public

* Seal Kit Contains No. 5, 6, 8 and 13.

Type	Size	End Connection	Service	Working Pressure	Test Pressure	Operation Type	Dimensions(inch)					Weight(kg)
							A	B	C	D	E	
Short	2×2	1502 MxF	Standard	15,000	22,500	Handle	1.75	10.56	3.96	3.23	4.9	21.98
			Sour gas	10,000	15,000							
Long	2×2	1502 MxF	Service	22,500	22,500	Handle	1.75	13.88	3.96	3.23	4.9	24.35
			Sour gas	15,000	15,000							

