

Jacket/ Under Ground/ Cryogenic
SIZE: 1/4"-6"

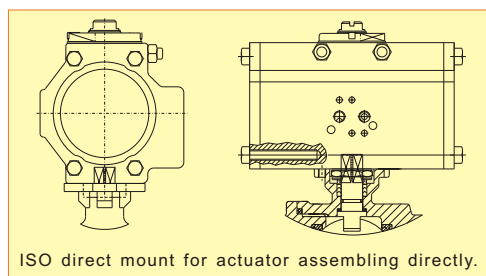


SPECIFICATION

- * SS304 or SS316 extended stem & bonnet
- * Special alloy stem only for fugitive emission bonnet
- * Adjustable stem packing
- * For both manual & automatic operation
- * 100% air tested under water at 80-100 psi
- * Working pressure: 800 psi~ 3000 psi
- * Temperature range -50°F to 450°F
- * with locking function

OPTION

- * Spring return handle (dead man handle)
- * Oval handle
- * Automation application
- * Customized length of extended stem
- * Fire safe design
- * High temperature & Low temperature seals



ZIPSON'S extended stem/ extended bonnet were design for customer's specific pipe line usage. The extended stem can be for warm keeping cover, under-ground operation, cryogenic application, fugitive emission by both manual & automatic operation.

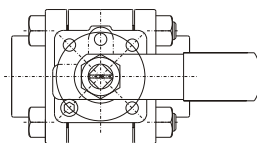
In the standard design, ZIPSON offer 4 types of extended stem & bonnet for options in different valve types & pipe application. The extended stem can be set upon both manual ball valve & ISO 5211 direct mount valves.

For under-ground pipe line, ZIPSON will offer the connected bolt with un-taken-our design. This will help the user not to worry about the bolts drop.

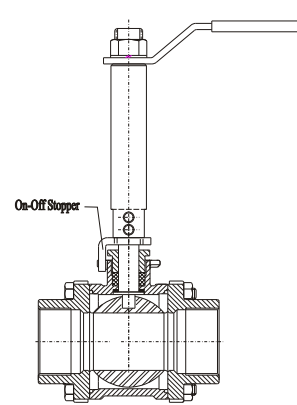
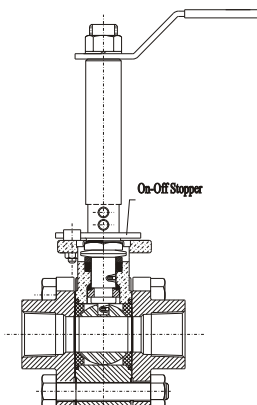
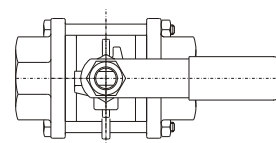
For cryogenic bonnet, you'll have 2 sets of stem seals to prevent from leakage. One is for stem of ball valve, the other is the top of the bonnet. These 2 sets of seals will double approval to keep the valve from leaking.

For fugitive emission designed bonnet, ZIPSON design 2 sets of stem seals. One is for stem of ball valve, the other is special Bellow seals with port for sniffer.

TYPE 1-2



TYPE 1-1

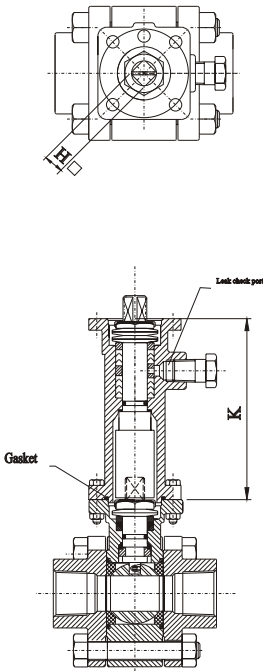


Extend Stem and Handle Device

Extended Stem Types

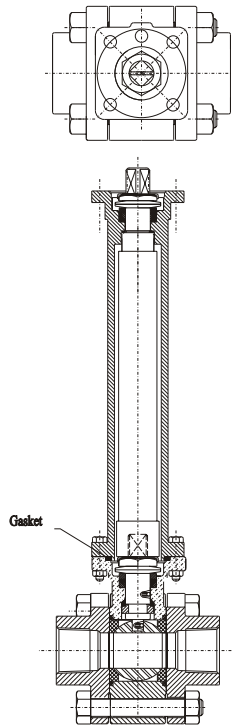
OPTION	DESIGN	CONNECTION	OPERATION	ZIPSON MODEL
1-1	EXTENDED STEM	BOLTED	MANUAL	101R, 201F, 301F, 501R
1-2	EXTENDED STEM	BOLTED	MANUAL	201D, 302F, 305D, 207S, 501S
2	EXTENDED STEM	BOLTED, WITH PIPE	MANUAL/AUTO	302F, 305D, 306D, 501S, 501F, 110F
3	EXTENDED BONNET CRYOGENIC BONNET	BOLTED, WITH PIPE, SEAL	MANUAL/AUTO	305D, 306D, 501S, 501T/F, 110T, 110F, 207S
4	FUGITIVE EMISSION BONNET	BOLTED, WITH PIPE, SEAL, BEL- LOW SEALS, HOLES FOR SNIFFER	MANUAL/AUTO	305D, 306D, 501S, 501T/F, 110T, 110F, 207S

TYPE 4



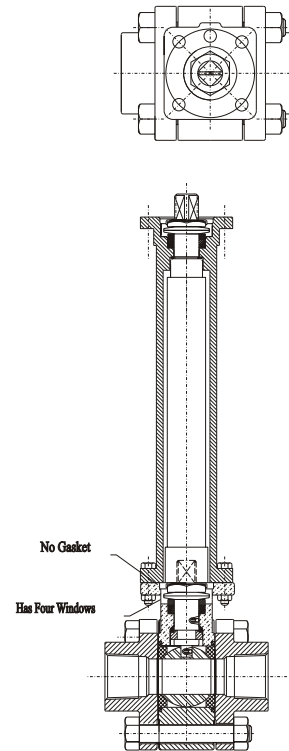
Fugitive Emission Design And ISO5211 Direct Mount Pad

TYPE 3



Cryogenic Design and ISO5211 Direct Mount Pad

TYPE 2



Extend Stem and Direct Mount Pad

Fugitive Emission & Normal Extended Bonnet

ITEM	ISO 5211	H	K
F34	F03/ F04	9	4" (101.6)
F45	F04/ F05	11	4" (101.6)
F57	F05/ F07	14	6" (152.4)
F71	F07/ F10	17	6" (152.4)
F101	F10/ F12	22	6" (152.4)

* Zipson use the same casting bonnet for both fugitive emission & normal one.

