

FHK Series

Two Way Shut-Off



INDUSTRIAL INTERCHANGE

Conforms with ISO 7241-1, Series B



PLUGS



SOCKETS

SOCKET DUST PLUG



BODY	THREAD SIZE	STEEL CAT. NO.	BRASS CAT. NO.	S/S CAT. NO. •	STEEL CAT. NO.	BRASS CAT. NO.	S/S CAT. NO. •	CAT. NO.*
1/8"	1/8 FPT	K1S	K1B	K1S/S	H1S	H1B	H1S/S	H1DP
	7/16-20FT ▲	K1S4			H1S4			H1DP4
1/4"	1/4 FPT	K2S	K2B	K2S/S	H2S	H2B	H2S/S	H2DP
	9/16-18FT ▲	K2S6			H2S6			H2DP6
3/8"	3/8 FPT	K3S	K3B	K3S/S	H3S	H3B	H3S/S	H3DP
	3/4-16FT ▲	K3S8			H3S8			H3DP8
1/2"	1/2 FPT	K4S	K4B	K4S/S	H4S	H4B	H4S/S	H4DP
	7/8-14FT ▲	K4S10			H4S10			H4DP10
3/4"	3/4 FPT	K6S	K6B	K6S/S	H6S	H6B	H6S/S	H6DP
	1-1/16-12FT ▲	K6S12			H6S12			H6DP12
1"	1FPT	K8S	K8B	K8S/S	H8S	H8B	H8S/S	H8DP
	1-5/16-12FT ▲	K8S16			H8S16			H8DP16

▲ SAE straight thread O-ring seal boss

• 303 Stainless Steel

H2S & H3S Available with Backup Ring, Suffix BU

* Aluminum

Specifications FHK Series

TYPE:

- **FHK, TWO WAY SHUT-OFF**
Both socket and plug are sealed at disconnect.

INTERCHANGEABILITY:

- **Standard industrial interchange** design, most widely used in industry. Within each series, only sockets and plugs of the same size will couple together. Conforms with **ISO 7241-1, Series B**.

OPERATION:

- **MANUAL**- Socket sleeve must be manually retracted to connect and disconnect.

SEAL COMPOUND:

- Standard seals are Buna-N.
- See page 20 for optional seals.

DIMENSIONAL DATA:

- Full size layouts available upon request.
(See page 28 for full size plug layouts.)

OPTIONS:

- **ONE WAY SHUT-OFF: Suffix VA** to either socket or plug catalog number for valve actuator.
- **STRAIGHT-THRU: Suffix LV** to both socket and plug catalog number for less valve.
- **BL:** Locks against accidental disconnect. To connect, align ball with slot. After connection, rotate sleeve to lock. To disconnect, realign ball with slot and retract sleeve. **To order, prefix BL to socket catalog number.**

WORKING PRESSURE

Rated pressures as defined by ANSI/B93.2-1986, based on 4:1 safety factor and non-shock service.

BODY SIZE	STEEL PSIG	BRASS PSIG	STAINLESS STEEL PSIG
1/8"	4000	3000	3500
1/4"	4000	2700	3700
3/8"	3500	2200	3700
1/2"	2500	2200	4200
3/4"	1600	1500	1600
1"	2000	1500	2000

Vacuum Service: 27" Hg. maximum

BODY SIZE	PERFORMANCE DATA				FLOW
	Air flow – CFM				Oil Flow-GPM MIL-H5606-125°F Pressure Drop
	100 PSIG		80 PSIG		
	10 PSIG	5 PSIG	10 PSIG	5 PSIG	10 PSIG
1/8"	22	17	20	15	1.8
1/4"	32	22	29	20	3.6
3/8"	58	42	53	38	6.7
1/2"	130	88	118	80	11.0
3/4"	305	207	277	188	26.3
1"	372	252	338	229	31.8

BODY	PLUG DUST CAPS*	SOCKET DUST PLUGS*
1/8"	B1DC	B1DP
1/4"	B2DC	B2DP
3/8"	B3DC	B3DP
1/2"	B4DC	B4DP
3/4"	B6DC	B6DP
1"	B8DC	B8DP

* Material of Construction: Rubber. Color: Blue