

Features

KZF Series couplings feature:

- ◆ Poppet valves available to prevent uncoupled leakage
- ◆ Poppet valves open automatically when coupled, within rated working pressure, to keep the flow expeditely.
- ◆ Dependable ball-locking mechanism holds the mating halves together.
- ◆ Socket and plug are precision machined from solid bar stock.
- ◆ KZF series conforms to the standard of ISO7241-B.
- ◆ Compatible with PARKER 60 Series and FASTER HNV Series, AEROQUIP FD45 Series and HANSEN HK Series.

Applications

KZF couplings, are used across the spectrum of hydraulic applications. These Double shut-off couplings can be found anywhere that fluid transfer lines need to be connected and disconnected for operation or maintenance of equipment, and a loss of fluid is undesirable. Primarily used with hydraulic fluid.

KZF couplings are also used with chemicals, water, steam, and some gases.

Specifications

Body Size(in)	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
Rated Pressure(PSI)	2000	2000	1500	1500	1500	1000	1000	1000	1000
Rated Flow(GPM)	1	3	6	12	28	50	75	100	150
Temperature Range(std seals)	-20°C to +180°C								
Standard seal material is	Flouorocarbon								

Performance

KZF Series (3/4" , 1" , 1-1/4" , 1-1/2" , 2")

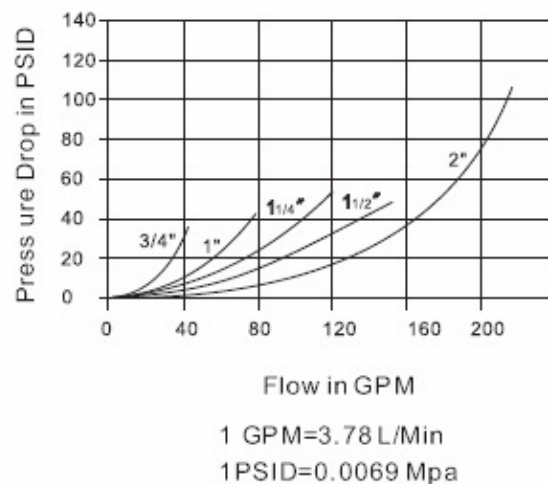
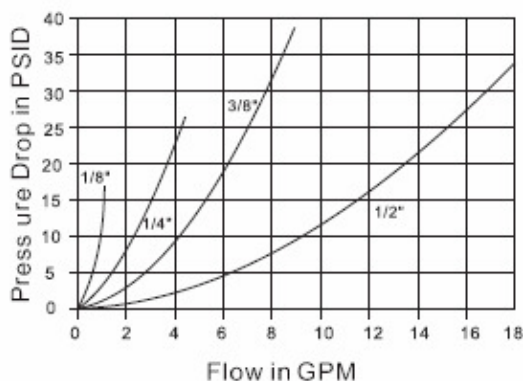
(3/4" , 1") Test Fluid: Oil-150SUS

(1-1/4" , 1-1/2" , 2") Test Fluid: Oil-200SUS

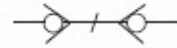
Performance

KZF Series (1/8" , 1/4" , 3/8" , 1/2")

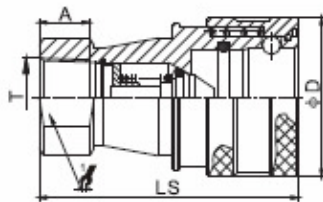
Test Fluid: Oil-150SUS



1 GPM=3.78 L/Min
1PSID=0.0069 Mpa

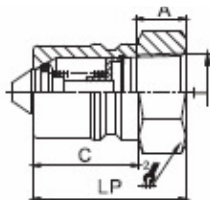


Socket



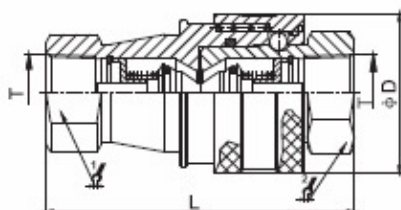
PART NO.	LS	ϕD	$\frac{1}{8}$	A	T
KZF-01SF	48	24	14	10	ZG1/8
KZF-02SF	58	28	19	12.5	ZG1/4
KZF-03SF	65	35	22	13	ZG3/8
KZF-04SF	72	45	29	14	ZG1/2
KZF-06SF	88	54	36	17	ZG3/4
KZF-08SF	102	65	41	23	ZG1
KZF-10SF	115	69	54	27	ZG1-1/4
KZF-12SF	124	79	60	27	ZG1-1/2
KZF-16SF	132	102	77	30	ZG2

Plug



PART NO.	LP	C	$\frac{1}{8}$	A	T
KZF-01PF	29	19	14	10	ZG1/8
KZF-02PF	36	22.5	17	12.5	ZG1/4
KZF-03PF	40	25	22	13	ZG3/8
KZF-04PF	44	28	27	14	ZG1/2
KZF-06PF	52	36	36	17	ZG3/4
KZF-08PF	62	40	41	23	ZG1
KZF-10PF	70	45	52	27	ZG1-1/4
KZF-12PF	75	49	60	27	ZG1-1/2
KZF-16PF	80	52	77	30	ZG2

Coupling Fitting



PART NO.	L	ϕD	$\frac{1}{8}$	$\frac{3}{8}$	T
KZF-01	58.5	24	14	14	ZG1/8
KZF-02	72.5	28	19	17	ZG1/4
KZF-03	80.5	35	22	22	ZG3/8
KZF-04	89.5	45	29	27	ZG1/2
KZF-06	105	54	36	36	ZG3/4
KZF-08	124.5	65	41	41	ZG1
KZF-10	141	69	54	52	ZG1-1/4
KZF-12	150	79	60	60	ZG1-1/2
KZF-16	160.5	102	77	77	ZG2