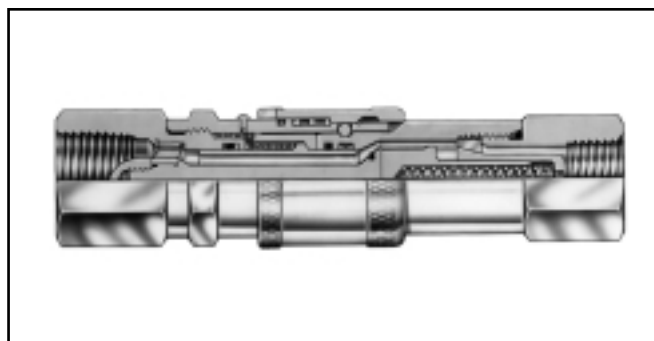




## FD49 Series/HTMA Flush Face, Hydraulic Tool



The FD49 Series meets NFPA standard T3.20.15, which was developed in conjunction with HTMA (Hydraulic Tool Manufacturer's Association).

- Twin-Guard™ sealing system prevents weepage and allows connection and disconnection against pressure up to 500 psi.
- Dual flush face valving for minimal fluid loss and air inclusion.
- Tubular valve and sleeve construction for high fluid flow with low pressure drop.
- Push-to-connect latching for one hand operation.
- Standard seal material – Teflon channel seal and Buna-N O-Ring backup.
- Standard body material – Zinc plated steel.



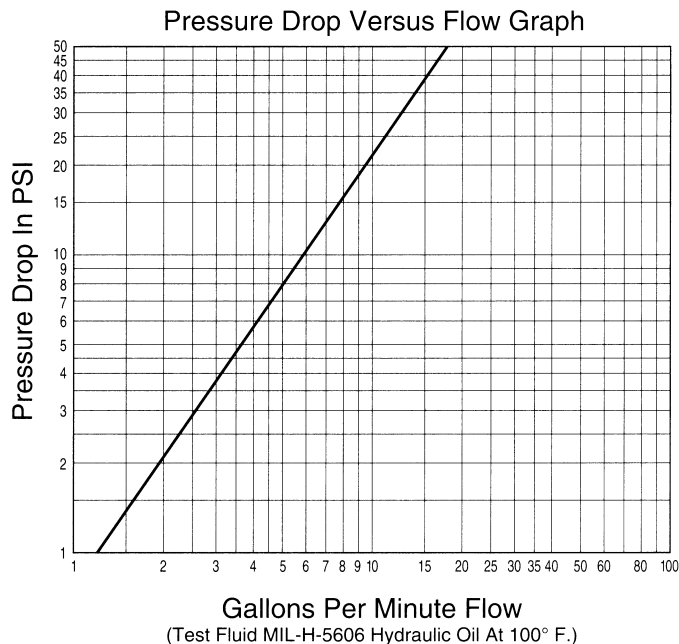
Our patented Twin-Guard™ seal system consists of channel and Buna-N O-Ring seals. The channel seal prevents blowout during connection and disconnection under pressure to 500 psi. The Buna-N O-Ring seal is a secondary seal eliminating fluid weepage.

\*Patent Number 5123446

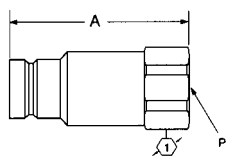
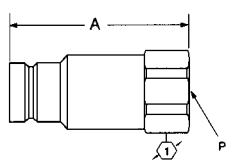
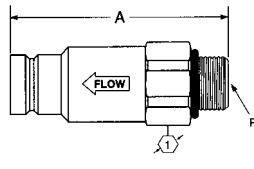
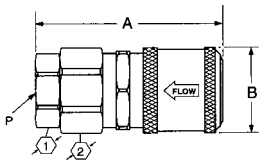
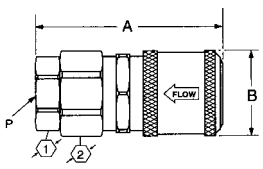
### Physical Characteristics

Coupling Size	Maximum Operating Pressure (psi)	Minimum Burst Pressure (psi)	Vacuum (in./Hg.)	Rated Flow (gpm)	Air Inclusion (cc. max.)	Fluid Loss (cc. max.)
-06	3,000	9,000	28	10	.01	.02

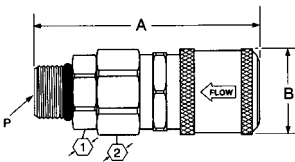
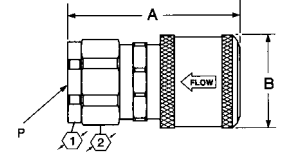


### Flow Data





FD49 Series	Coupling Size	Thread Size (P)	Dimensional Data				Part Number Buna-N	Line Ref.
			A	B	①	②		
<b>Male Half Female Pipe/Valved</b>  	-06	3/8-18	2.62		1.00		FD49-1002-06-06	1
	-06	1/2-14	2.75		1.06		FD49-1002-08-06	2
								3
								4
								5
								6
								7
								8
<b>Male Half Female SAE O-Ring/Valved</b>  	-06	9/16-18	2.79		1.06		FD49-1004-06-06	9
	-06	3/4-16	2.75		1.00		FD49-1004-08-06	10
								11
								12
								13
								14
								15
								16
<b>Male Half Male SAE O-Ring/Valved</b>  	-06	9/16-18	2.99		1.00		FD49-1057-06-06	17
	-06	3/4-16	2.99		1.00		FD49-1057-08-06	18
								19
								20
								21
								22
								23
								24
<b>Female Half Female Pipe/Valved</b>  	-06	3/8-18	2.74	1.20	1.00	1.06	FD49-1001-06-06	25
	-06	1/2-14	2.85	1.20		1.06	FD49-1001-08-06	26
								27
								28
								29
								30
								31
								32
<b>Female Half Female SAE O-Ring/Valved</b>  	-06	3/4-16	2.82	1.20		1.06	FD49-1005-08-06	33
								34
								35
								36
								37
								38
								39
								40



FD49 Series	Coupling Size	Thread Size (P)	Dimensional Data				Part Number Buna-N	Line Ref.
			A	B	①	②		
Female Half Male SAE O-Ring/Valved  	-06	3/16-18	3.22	1.20	1.00	1.06	FD49-1014-06-06	1
	-06	3/4-16	3.28	1.20	1.00	1.06	FD49-1014-08-06	2
								3
								4
								5
								6
								7
								8
Female Half/Heavy Duty Sleeve Female Pipe/Valved  	-06	3/8-18	2.74	1.40	1.00	1.06	FD49-1200-06-06	9
	-06	1/2-14	2.85	1.40		1.06	FD49-1200-08-06	10
								11
								12
								13
								14
								15
								16
<b>Accessories</b>								17
Dust Cover For Standard Coupling  								18
								19
	-06						FD49-1042-06	20
								21
								22
								23
								24
								25
Dust Cover For Heavy Duty Coupling  								26
								27
	-06						FD49-1088-06	28
								29
								30
								31
								32
								33
							34	
							35	