

INDUSTRIAL FITTINGS - couplings

Dry disconnect couplings - DRY-LINK



Material: AISI 316
Seal: PTFE, Viton, EPDM, Chemraz
Connections: BSP or NPTF female thread
Working press.: 14.3 bar - for 1" and 1.1/2"
 10.3 bar - for 2"
 8.3 bar - for 3"
Vacuum: Up to 0.95 bar
Working temp.: From -30°C up to +110°C (Viton, EPDM, Chemraz)
 From -7°C up to +110°C (PTFE)

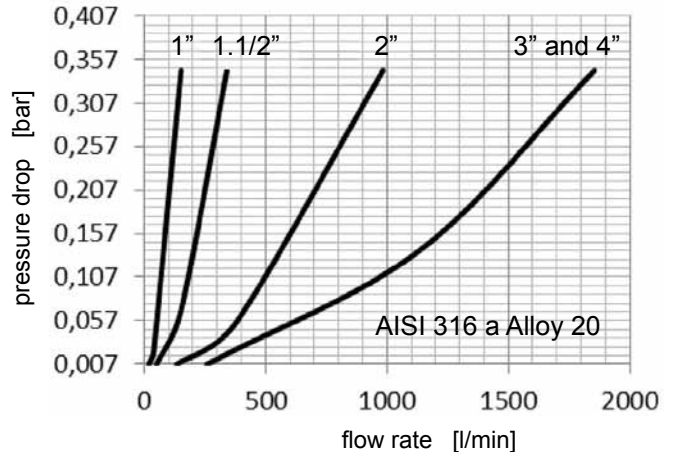
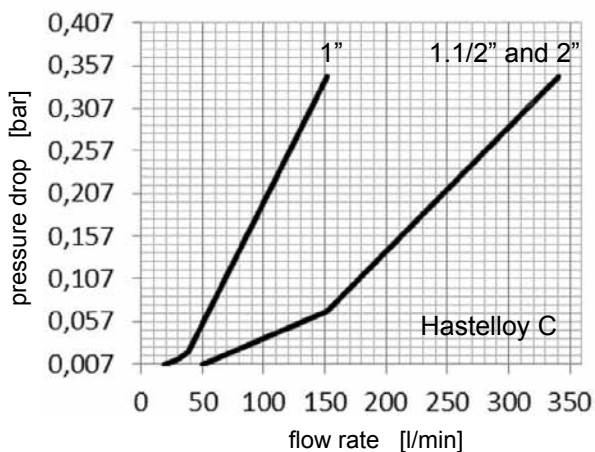
Operation

A coupler (hose unit) and an adapter (tank unit) of DRY-LINK coupling are both equipped with butterfly valves. The units connect when the coupler slides over the adapter and locking arm is pushed down. To allow fluid flow the locking arm must be secured by turning the handle of the valve by 90°. Advantages of the coupling: light weight, very little pressure drop and easy operation. Mechanical interlock (locking arm) prevents accidental opening.

Application

DRY LINK couplings are designed for safe and spill free connection within installation (spillage is too small to be measured). Widely used in petrochemical, pharmaceutical and food industry. They meet the most demanding requirements for safe handling and environment protection. Perfectly suited for high viscosity fluids. Available with ASA flanges, TRICLOVER or weld-in fittings, as a polished hygienic version or made of Alloy 20 or Hastelloy C for highly corrosive applications.

Pressure drop vs. flow rate

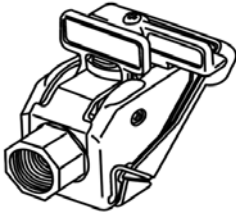
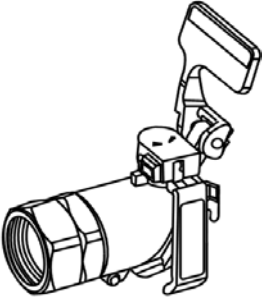

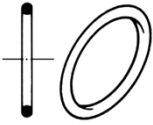


To connect:



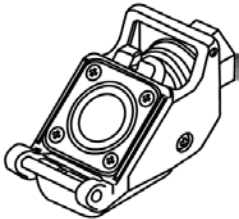
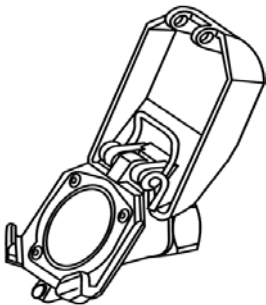

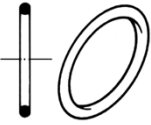
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picture	code	connection	working press. [bar]	material	seal	weight [kg]		
	AC-DLF-100-T-BSP	1" BSP female	14.3	AISI 316	PTFE	0.90		
	AC-DLF-100-T-NPT	1" NPT female				1.50		
	AC-DLF-150-T-BSP	1.1/2" BSP female				Viton	0.90	
	AC-DLF-150-T-NPT	1.1/2" NPT female					1.50	
	AC-DLF-100-V-BSP	1" BSP female			EPDM	0.90		
	AC-DLF-100-V-NPT	1" NPT female				1.50		
	AC-DLF-150-V-BSP	1.1/2" BSP female			Chemraz	0.90		
	AC-DLF-150-V-NPT	1.1/2" NPT female				1.50		
	AC-DLF-100-E-BSP	1" BSP female			Chemraz	0.90		
	AC-DLF-100-E-NPT	1" NPT female				1.50		
	AC-DLF-150-E-BSP	1.1/2" BSP female			Chemraz	0.90		
	AC-DLF-150-E-NPT	1.1/2" NPT female				1.50		
	AC-DLF-100-C-BSP	1" BSP female			Chemraz	0.90		
	AC-DLF-100-C-NPT	1" NPT female				1.50		
	AC-DLF-150-C-BSP	1.1/2" BSP female			Chemraz	0.90		
AC-DLF-150-C-NPT	1.1/2" NPT female	1.50						
	AC-DLF-200-T-BSP	2" BSP female	10.3	AISI 316	PTFE	2.30		
	AC-DLF-200-T-NPT	2" NPT female			Viton			
	AC-DLF-200-V-BSP	2" BSP female			EPDM			
	AC-DLF-200-V-NPT	2" NPT female			Chemraz			
	AC-DLF-200-E-BSP	2" BSP female			Chemraz		6.40	
	AC-DLF-200-E-NPT	2" NPT female						PTFE
	AC-DLF-300-T-BSP	3" BSP female	8.3	AISI 316	Viton			
	AC-DLF-300-T-NPT	3" NPT female			EPDM			
	AC-DLF-300-V-BSP	3" BSP female	Chemraz	7.70				
	AC-DLF-300-V-NPT	3" NPT female			PTFE			
	AC-DLF-300-E-BSP	3" BSP female	Chemraz		Viton			
	AC-DLF-300-E-NPT	3" NPT female			EPDM			
	AC-DLF-300-C-BSP	3" BSP female	Chemraz		7.70			
	AC-DLF-300-C-NPT	3" NPT female				PTFE		
	AC-DLF-400-T-BSP	4" BSP female	8.3	AISI 316		Viton		
	AC-DLF-400-T-NPT	4" NPT female				EPDM		
	AC-DLF-400-V-BSP	4" BSP female	Chemraz	7.70				
	AC-DLF-400-V-NPT	4" NPT female				PTFE		
	AC-DLF-400-E-BSP	4" BSP female	Chemraz		Viton			
	AC-DLF-400-E-NPT	4" NPT female			EPDM			
	AC-DLF-400-C-BSP	4" BSP female	Chemraz		7.70			
	AC-DLF-400-C-NPT	4" NPT female				PTFE		
		AC-DL-K010250131	1"	-		-	PTFE	-
		AC-DL-K015250131	1.1/2"					
AC-DL-K020250131		2"	Viton					
AC-DL-K030250131		3"						
AC-DL-K020250201		2"	EPDM					
AC-DL-K030250201		3"						
AC-DL-K010250A3B		1"	EPDM					
AC-DL-K014250A3B		1.1/2"						
AC-DL-K020250301		2"	EPDM					
AC-DL-K030250301		3"						
	AC-DL-K010250121	1"	-	-	Chemraz	-		
	AC-DL-K015250121	1.1/2"						
	AC-DL-K020250121	2"			PTFE			
	AC-DL-K030250121	3"						
	AC-DL-K020250221	2"			Viton			
	AC-DL-K030250221	3"						
	AC-DL-K020250321	2"			EPDM			
	AC-DL-K030250321	3"						

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picture	code	connection	working press. [bar]	material	seal	weight [kg]													
	AC-DLM-100-T-BSP	1" BSP female	14.3	AISI 316	PTFE	0.80													
	AC-DLM-100-T-NPT	1" NPT female				Viton	1.40												
	AC-DLM-150-T-BSP	1.1/2" BSP female					EPDM	0.80											
	AC-DLM-150-T-NPT	1.1/2" NPT female						Chemraz	1.40										
	AC-DLM-100-V-BSP	1" BSP female							0.80										
	AC-DLM-100-V-NPT	1" NPT female								1.40									
	AC-DLM-150-V-BSP	1.1/2" BSP female			0.80														
	AC-DLM-150-V-NPT	1.1/2" NPT female				1.40													
	AC-DLM-100-E-BSP	1" BSP female					0.80												
	AC-DLM-100-E-NPT	1" NPT female						1.40											
	AC-DLM-150-E-BSP	1.1/2" BSP female							0.80										
	AC-DLM-150-E-NPT	1.1/2" NPT female								1.40									
	AC-DLM-100-C-BSP	1" BSP female			0.80														
	AC-DLM-100-C-NPT	1" NPT female				1.40													
	AC-DLM-150-C-BSP	1.1/2" BSP female					0.80												
AC-DLM-150-C-NPT	1.1/2" NPT female	1.40																	
	AC-DLM-200-T-BSP		2" BSP female	10.3				AISI 316	PTFE		1.40								
	AC-DLM-200-T-NPT		2" NPT female							Viton		4.10							
	AC-DLM-200-V-BSP		2" BSP female		EPDM								5.90						
	AC-DLM-200-V-NPT		2" NPT female			Chemraz													
	AC-DLM-200-E-BSP		2" BSP female				PTFE												
	AC-DLM-200-E-NPT	2" NPT female	4.10																
	AC-DLM-200-C-BSP	2" BSP female			5.90														
	AC-DLM-200-C-NPT	2" NPT female				5.90													
	AC-DLM-300-T-BSP	3" BSP female							8.3	AISI 316				PTFE	4.10				
	AC-DLM-300-T-NPT	3" NPT female														Viton	5.90		
	AC-DLM-300-V-BSP	3" BSP female																EPDM	5.90
	AC-DLM-300-V-NPT	3" NPT female																	
	AC-DLM-300-E-BSP	3" BSP female		PTFE															
	AC-DLM-300-E-NPT	3" NPT female						5.90											
	AC-DLM-300-C-BSP	3" BSP female									5.90								
	AC-DLM-300-C-NPT	3" NPT female										5.90							
	AC-DLM-400-T-BSP	4" BSP female					8.3						AISI 316	PTFE		5.90			
	AC-DLM-400-T-NPT	4" NPT female	Viton															5.90	
	AC-DLM-400-V-BSP	4" BSP female			EPDM														
	AC-DLM-400-V-NPT	4" NPT female				Chemraz													
	AC-DLM-400-E-BSP	4" BSP female							PTFE										
	AC-DLM-400-E-NPT	4" NPT female	5.90																
	AC-DLM-400-C-BSP	4" BSP female			5.90														
	AC-DLM-400-C-NPT	4" NPT female				5.90													
	AC-DL-K010250141	1"		-						PTFE				-	-				
	AC-DL-K015250141	1.1/2"						Viton											
	AC-DL-K020250141	2"									EPDM								
	AC-DL-K030250141	3"										-							
	AC-DL-K020250201	2"					-												
	AC-DL-K030250201	3"								-									
	AC-DL-K010260B3B	1"						-											
	AC-DL-K014260B3B	1.1/2"									-								
	AC-DL-K020250301	2"							-										
	AC-DL-K030250301	3"	-																
	AC-DL-K010250121	1"		-	Chemraz		-			-									
	AC-DL-K015250121	1.1/2"				PTFE													
	AC-DL-K020250121	2"			Viton														
	AC-DL-K030250121	3"				EPDM													
	AC-DL-K020250221	2"	-																
	AC-DL-K030250221	3"			-														
	AC-DL-K020250321	2"	-																
	AC-DL-K030250321	3"			-														