



Balflex® Hydraulic Quick Couplings

Balflex® Hydraulic Quick Couplings and Ball Valves



Balflex® hydraulic quick couplings are designed for use with **Balfit®** hydraulic fittings and **Balflex®** hydraulic hoses in high pressure hydraulic systems.

The range of **Balflex®** hydraulic valves is produced according to **Balflex®** specifications and to **ISO**, **DIN** and **SAE** standards and other relevant industrial specifications. **Balflex®** has optimized the construction of these hydraulic valves in order to assure top rated performance, reliability and economy. Among their features are:

Security: To be used in standard hydraulic systems, Balflex hydraulic valves are all designed with a security factor of 4:1. Minimum burst pressure is thus always four times the rated working pressure

Low spillage: Specially designed sealing areas keep spillage below standard recommendations, whether at low or high pressure, when uncoupled

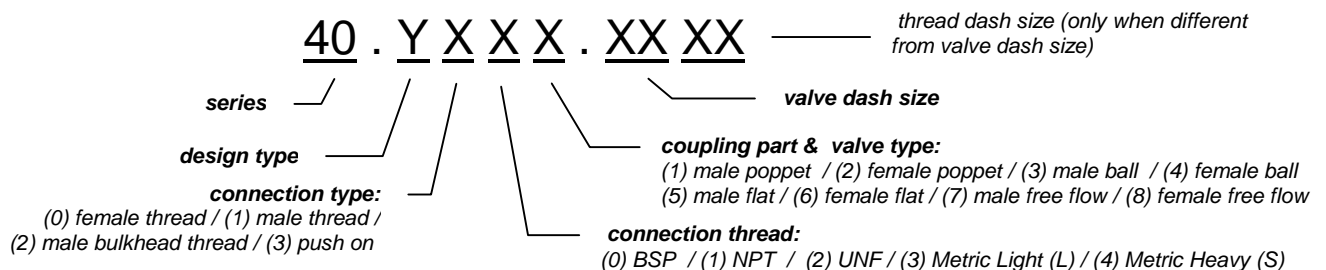
Easy handling: Connect and disconnect force are set at low values to allow easy handling

High efficiency: Sealing area design keeps pressure drop at a minimum, allowing undisturbed flow

Heat and oil resistance: Standard sealing rings are designed to resist oil and heat up to 80°C (+ 176°F). Special sealing rings on stainless steel bodies can be supplied on request for higher temperatures

Versatility: **Balflex®** valves are produced with all sorts of threads (BSP; Metric, NPT) and sizes in order to assure interchangeability and an extensive range of applications

The **Balflex®** hydraulic quick couplings part code is composed of three groups of digits:



Construction characteristics and dimensions may be changed at any time without prior notice.

The data contained herein is information purposes only and does not enlarge, amend or imply any warranty other than provided by the manufacturer with the product. Any use of the product not in conformance with the manufacturer's instructions may be dangerous.

Only items in this catalogue are carried in stock. Some items are subjected to minimum quantities or sold only in multiples of standard quantities. Please refer to the price list or contact our commercial department.

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Balflex® HYDRAULIC QUICK COUPLING *(quick disconnect coupler)*

40.AXX1 Male ISO A	40.AXX2 Female ISO A	40.BXX1 Male ISO B	40.BXX2 Female ISO B	40.AXX1 Male Push-Pull	40.PXX2 Female Push-Pull
40.FXX5 Flat Face Male	40.FXX6 Flat Face Female	40.DXX1 Male DIN	40.DXX2 Female DIN		
40.TXX1 High Flow Male NON-SPILL	40.TXX2 High Flow Female NON-SPILL	40.EXX5 Trailer Brake IFR Male	40.EXX6 Trailer Brake IFR Female		

Balflex® SCREW VALVES

40.VXX3 HPA 700 bar Screw Male Valve	40.VXX4 HPA 700 bar Screw Female Valve	40.CAX1 Screw Male	40.CAX2 Screw Female	40.NXX1 No Return Valve	40.SXX1 Screw Male	40.SXX2 Screw Female

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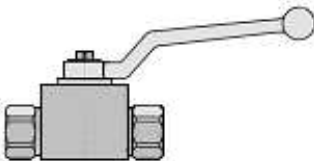
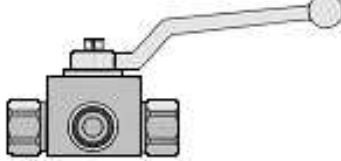
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Balflex® DIRECTIONAL VALVES

	
40.2XXB 2-Way Ball Valve BKH	40.3XXC 3-Way Ball Valve

Showing **Balflex®** hydraulic quick coupling type with corresponding competitor's hydraulic quick coupling type

Cross-reference for Hydraulic Quick Coupling

Balflex® 40 Serie type	A	B	C	D	F	N	P	T	V	S
Aeroquip	FD56	FD45	5100	FD76	FD89					5100
Enerpac									C-604	
Faster	ANV	HNV	CVE	NV / NS	2FFI		CPV / PV		PVVM	
Gates	G956	G945			G949					G951
Parker	6600	60	6100	4000 **	FEM	DC	4200		3000	6100
Safeway	S56	S10		S20			S70		S30	S51
Snap-Tite	61	72	78	60	74	CPIFF				
Tema								IB7500 *		
Tomco	A5600	THK	A5100							
Tuthillh	H	HK			FF					

* IB 10000 for 1"

** the Parker 4000 NPT thread ball valve dash size – 8 (1/2") for agricultural equipment, is **Balflex®** **40.A013.08** (male) and **40.A014.08** (female)

The information provided by this Cross-reference chart is intended as a reference guide only. These hydraulic quick couplings are similar but not exactly equal in all technical data and performances. Refer to hydraulic quick coupling specifications to assure that the suggested hydraulic quick coupling will attend the required application.

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