PUSH PULL



TECHNICAL FEATURES AND OPTIONS

CLICK HERE FOR 3D SECTION

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Locking Mechanism
Locking Ball System

Flow Rate
Up to 45 l / min

Material
Carbon Steel
Stainless Steel
Brass

Working Temperature
-20 °C / +100 °C

Interchange
ISO 7241-A

How to Connect
Push

Operating Pressure
Up to 250 Bar

Available Threads
BSP - Metric

Under Residual Pressure
Conneton: not Allowed
Disconnection: not Allowed

Body Sizes
ISO 12.5

Sealing Description
NBR - FKM

Valve Type
Popet

MAIN APPLICATIONS

OIL & GAS | AGRICULTURE | HYDRAULIC INDUSTRY | EARTH MOVING | HYDRAULIC EQUIPMENT | CONCRETE VEHICLES | VEHICLES | CHEMICAL INDUSTRY

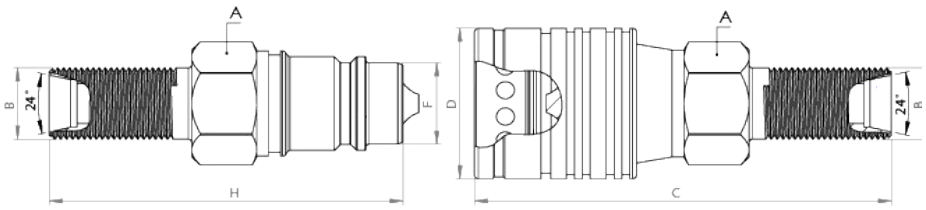
INFORMATION

· Do not connect or disconnect under residual pressure.
· Top quality elastomer seals provide maximum sealing.
· The external sealing ring ensures a solid connection and prevents disconnection due to vibration.
· The design prevents pressure drops and turbulences.
· Durable, safe, compact and easy to use design.
· Please clean the mating surfaces thoroughly before connecting, in order to prevent contaminants to enter into the system.
· Please make sure that the male and female parts are aligned properly to achive full connection.

WARNING

· Connection and disconnection under dynamic pressure is not allowed.
· Connection and disconnection is not allowed when the temperature of the circulating fluid is above 80°C / 176°F.
· Make sure the system pressure is below the maximum working pressure.
· Please ensure that the OLEOCON product you have chosen is compatible with the temperature , material and pressure requirements of your system.
· Please contact OLEOCON technical support for any further questions.

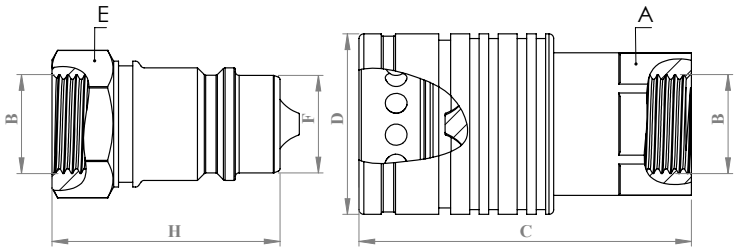
TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	THREAD TYPE	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch			mm	inch		mm	inch	kg	lbs
12,5	PPB-12A-12L	FEMALE	M	A	27	1,06	M18*1,5	D	38	1,49	C	105,5	4,01	0,32	0,70
	PPB-12B-12L	MALE	M	A	27	1,06	M18*1,5	F	20,48	0,8	H	89,5	3,52	0,14	0,30

ISO 8434-1

TECHNICAL DRAWING



BODY SIZE	DESCRIPTION	COUPLING GENDER	THREAD TYPE	Hex			THREAD SIZE(B)	DIAMETER			LENGTH			WEIGHT	
					mm	inch			mm	inch		mm	inch	kg	lbs
12,5	PP-12A-G12	FEMALE	BSPP	A	27	1,06	1/2"	D	38	1,49	C	69	2,71	0,3	0,66
	QCA-12B-G12	MALE	BSPP	E	27	1,06	1/2"	F	20,48	0,8	H	53,5	2,10	0,09	0,19

ISO 1179-1

PUSH PULL



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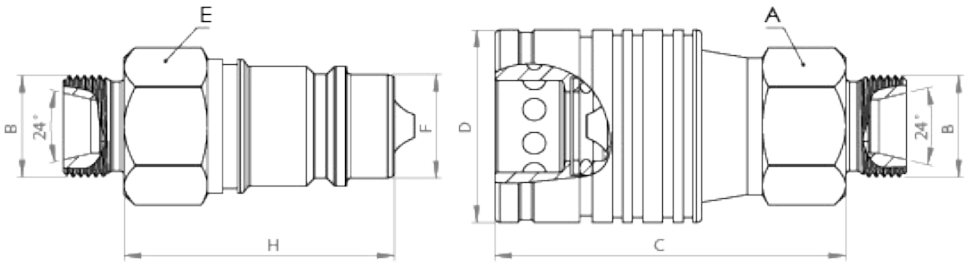
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					mm	inch			mm	inch		mm	inch	kg	lbs
12,5	PP-12A-12L	FEMALE	M	A	27	1,06	18*1,5	D	38	1,49	C	80,5	3,16	0,30	0,66
	PP-12B-12L	MALE	M	E	27	1,06	18*1,5	F	20,48	0,8	H	64,5	2,53	0,11	0,24
	PP-12A-12S	FEMALE	M	A	27	1,06	20*1,5	D	38	1,49	C	81,5	3,2	0,31	0,68
	PP-12B-12S	MALE	M	E	27	1,06	20*1,5	F	20,48	0,8	H	65,5	2,57	0,12	0,26
	PP-12A-15L	FEMALE	M	A	27	1,06	22*1,5	D	38	1,49	C	81,5	3,2	0,31	0,68
	PP-12B-15L	MALE	M	E	27	1,06	22*1,5	F	20,48	0,8	H	65,5	2,57	0,12	0,26
	PP-12A-16S	FEMALE	M	A	27	1,06	24*1,5	D	38	1,49	C	83,5	3,28	0,31	0,68
	PP-12B-16S	MALE	M	E	27	1,06	24*1,5	F	20,48	0,8	H	67,5	2,65	0,12	0,26

ISO 8434-1

BODY SIZE	WORKING PRESSURE						BURST PRESSURE					
	COUPLE		FEMALE		MALE		COUPLE		FEMALE		MALE	
	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI	MPa	PSI
12,5	25	3625	25	3625	25	3625	100	14500	100	14500	100	14500

BODY SIZE	RATED FLOW			FLUID LOSS PER DIS-CONNECT	CONNECTING FORCE		DISCONNECTING FORCE	
	PRES.DROP (kPa)	L/MIN	GPM	ml	N	lbf	N	lbf
12,5	200	45	9,91	2,5	90	20,22	45	10,11