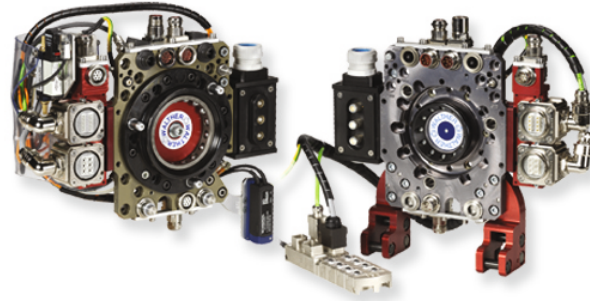
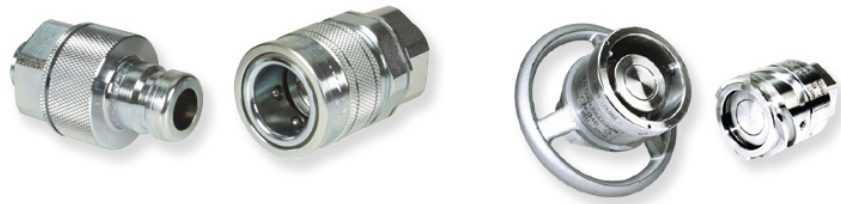




WalCoDo®
WALTHER CONNECTING & DOCKING

WALTHER - Product Key



WALTHER-PRÄZISION

Schnellkupplungssysteme / Quick Coupling Systems

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For each application the best suitable coupling. More than 400,000 variations for all industries!

	Application	Main features	Pressure* [bar / psi]	Types / Series	Nominal size [mm]
Miniature up to 500 bar / 7.250 psi	High pressure hydraulic	Sealing on both sides	500 / 7.250	02-003	2,5
	Water, compressed air	Automatic locking	100 / 1.450	06-003	2,5
	Water, compressed air, hydraulics	Automatic locking	200 / 2.900	07-003	3
	Water, fuel, compressed air, oils	Automatic locking	100 / 1.450	LP-003	3
up to 120 bar / 1.740 psi	Oil for heat convection	High temperature	16 / 230	11	12, 19
	Chemical safety	Clean break	64 / 930	BF	5, 9, 12, 25, 50
	Cooling water - rail technology	Clean break	16 / 230	CG	6, 9, 12, 16, 20, 25
	Cooling water - chemistry / pharma	Clean break	16 / 230	CK	9
	Hose lines - chemistry	Clean break	25 / 360	CN	25, 40, 50, 80, 100
	Process & laboratory technology	Clean break	64 / 930	CT	3, 5, 7, 9, 12, 19
	For pasty and powdery media	Screw type coupling	50 / 725	EH	25, 50, 80
	Water, fuel, technical gases, slightly aggressive media	Polymer version	12 / 175	KL	6, 12, 30
	Water, fuel, compressed air, oils	No lace effect (NB 6 - 19)	110 / 1.595	LP	4, 6, 7, 12, 19, 32, 50
	Mains-side compressed air safety	Non-rebound during decoupling	16 / 230	LS	6, 9, E11, 12, 23, 38
	Tool-side compressed air safety	Coupling with EURO-adaptor	12 / 175	LT	6, 9, E11
	Water, fuel	Squirt free	60 / 870	LV	4, 9
	Water, fuel, oils, compressed air, gases, hydraulics	Small construction dimensions	120 / 1.740	SP	6, 9
	Gaseous / liquid media	Non-interchangeable key	40 / 580	UF	6, 7, 12, 19, 32
	Laboratory, medical and other equipment	Non-interchangeable key	20 / 290	UM	4, 6, 12
up to 250 bar / 3.630 psi	Hydraulics	Clean break	250 / 3.625	CP	6, 9, 12, 16
	Hydraulic training aggregate	Clean break	130 / 1.885	FF / 15	5
	Hydraulics, water, steam, gases, mechanical engineering	Smooth design available	250 / 3.625	MD	6, 7, 12, 19, 25, 32, 50
	Hydraulic training units, general hydraulics	Small dimensions	250 / 3.625	SG	6
up to 2.000 bar / 29.000 psi	High-pressure hydraulics machinery and equipment (flat-face)	Clean break	650 / 9.425	HC	6, 8, 12, 16, 20
	High-pressure hydraulics, mechanical and plant engineering, offshore	Ring piston valve available	2.000 / 29.000	HP	4, 6, 10, 16, 20, 32, 50
Customized Quick coupling systems	Lacquer coupling	Bayonet lock	140 / 2.030	03-005	5
	Breathing air, protective masks, medical field	Safety lock	23 / 335	04-005	5
	Dialysis filter water supply	Color coded	6 / 87	22-006	6
	Sterile applications	SIP / CIP enabled	16 / 230	33-005	5
	Installation elements for hydraulics and emulsion	Clean break	240 / 3.480	57 / 85	6, 8, 12, 16 / 6, 10
	Medical gas supply	Different shape keys	35 / 508	89-006	6
	High temperature / high pressure chemistry	Clean break	350 / 5.075	DD	6, 9, 12, 16
	Refueling system for gaseous hydrogen	70 MPa	875 / 12.688	HG	4, 6
	Offshore	Screw coupling	690 / 10.005	SH	6, 10, 16
	Steam cleaning, sterilization	PTFE seals	40 / 580	TE	9, 12, 19, 25, 32, 50
	Cryogenics, low temperature	Lever lock	16 / 230	TT	9, 13
	Quick fit coupling	Replacement for screw fitting	250 / 3.625	WK	5, 7, 10, 12, 16, 19
	Multi-couplings and docking systems			various series	

Kind of product

- 0 = Self sealing coupling (female) 4 = Thru-type coupling (female) 7 = Thru-type coupling with valve plunger (female)
1 = Thru-type adaptor (male) 5 = Dust cap 8 = Thru-type adaptor with valve plunger (male)
2 = Self sealing adaptor (male) 6 = Dust plug 9 = Airguns and other air blowers etc.

End connection type

- D** = Metric male thread with 60° sealing cone to DIN 7631, for sealing cone to DIN 3870, also available as bulkhead connection
L/S = Metric male thread with 24° sealing cone to DIN 2353/8434, for cutting ring and union nut to DIN EN ISO 8434-1 (not supplied), light or heavy series
LH = Male thread according to SAE J 514-JIC 37° sealing cone
LV/SV = Metric male thread with 24° sealing cone acc. to DIN 2353/8434, for cutting ring and union nut acc. to DIN EN ISO 8434-1 (not included in delivery), extended as bulkhead connection 10 mm, light or heavy series
NP0 = Tapered NPT thread, male thread according to US standard ANSI/ASME B 1.20.1. A suitable sealant is used for mounting by the customer (not included in delivery)
NP5 = Tapered NPT thread, female thread according to US standard ANSI/ASME B 1.20.1. a suitable sealant is used for mounting by the customer (not included in delivery)
SL = Hose connector, single to multiple ribbed depending on type and size, for industrial hoses. A suitable hose clamp is required (not included in delivery)
VR = Cylindrical Whitworth pipe thread, external thread to DIN EN ISO 228 / BS 5200 with 60° sealing cone
WB = Cylindrical Whitworth pipe thread, male thread to DIN EN ISO 228, screw-in spigot to DIN 3852-2 Form B with narrow sealing edge
WE = Cylindrical Whitworth pipe thread, male thread to DIN EN ISO 228, screw-in spigot to DIN 3852-11 Form E for profile seal or O-ring (seal not included in delivery)
WR0 = Cylindrical Whitworth pipe thread, male thread to DIN EN ISO 228. A suitable sealant is required for customer-side installation (not included in delivery)
WR5 = Cylindrical Whitworth pipe thread, female thread according to DIN EN ISO 228. A suitable sealant is required for mounting by the customer (not included in delivery)
XX = Adaptations to your application: special connections which do not comply with a general standard, e.g. special threads, angled connections, extremely extended connections, etc.

Material and surface finish

- 01 = Stainless steel 1.4404 / 1.4571 or similar
02 = Stainless steel 1.4305, or similar
11 = Steel zinc plated
12 = Steel oil burnished
13 = Steel chemically nickel plated
19 = Steel zinc plated, partially oil burnished
21 = Brass passivated
22 = Brass chrome plated
23 = Brass nickel plated
24 = Brass chemically nickel plated
31 = Aluminium silver anodized
36 = Aluminium red anodized
39 = Aluminium hard-coated
40 = Polyacetal resin (POM) grey
43 = Polyacetal resin (POM) oliv
50 = Polyamide 11 / 12, grey
73 = Soft PVC black
74 = Soft PVC grey
PA = Polyamide
PP = Polypropylene
PV = PVDF / Polyvinylidenfluorid

Optional features

- BB = 3.1 Traceability
DR / VI = Triangular square key
DV / KF = Printing method, color coding
EF = Acc. to EC 1935 / 2004
EX = Acc. to ATEX
FD = Acc. to FDA
FF = Free of oil and grease
FL = Free of enamel flow disturbing substances
EG / GG / RG = Handles, ring grips
GL = Smooth variant
KL KS = Marking according to customer requirements
OV = Without valve
R1- R5 = Mechanically distinctive round keys
RA = Radial vibration safety device
RR = RoHS / REACH
RV = Ring valve
SI = Additional safety lock
TA = TA-Luft certified
VE = Venting valve
VF = Reinforced valve spring
VH = Locking aid
Y, Z = Special designs

Other optional equipment available.

* NOTICE:

All pressure specifications are dependent on selected materials, nominal sizes, temperatures and seals.

We will be pleased to advise you.

Part number

Series

Nominal size, Nominal bore

LP-006-0-WR021-01-2-GL-OV-SI

WEDISO =
Material / Seal / Special Design from AAAA - ZZZZ

Seal quality

- 1 = NBR 6 = PA (Type 03-005)
2 = FKM 7 = FFKM (see WEDISO)
4 = EPDM 9 = PTFE (Serie TE + EH)

