



Pneumatic Catalogue

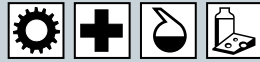
Quick Coupling Systems for
Pneumatic and Fluid Handling

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



ENGINEERING YOUR SUCCESS.

Nominal Diameter

7,2 = 40 mm²

Rectus Series

26**Other designs in series 26**

The following other designs can be found from page:

- | | |
|-----------------------|--------|
| ▶ Brass / Steel | P. 84 |
| ▶ Safety Self-Venting | P. 292 |

Technical Description

Universal stainless steel coupling with standard European profile. Version in AISI 303 stainless steel for corrosion-resistant applications, as an alternative to the UltraFlo versions.

Coupling system with single-hand operation and standard valve. Small mass size.

Dust Protections  (P. 319)
for Coupling Part.-No. SK16S

Working Temperature*

-15°C up to +200°C (FKM)
depending on the medium.

* For temperatures below -15°C and over +200°C and depending on the medium, other seal variants (EPDM, FFKM) are available.

**Working Pressure****

35 bar

** maximum static working pressure with safety factor 4 to 1.

Material

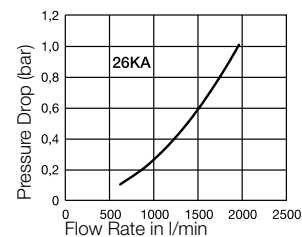
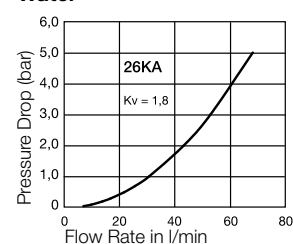
Coupling: AISI 303 + PTFE

Plug: AISI 303

Seals: FKM

Interchangeability

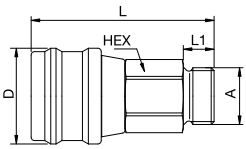
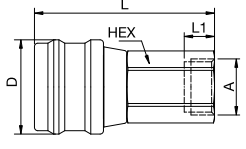
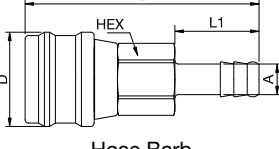
- Rectus 25
- European Standardprofile

Flow diagrams**Air****Water**



Couplings – with valve

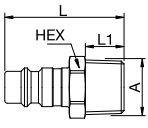
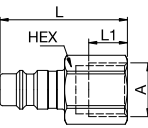
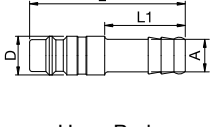
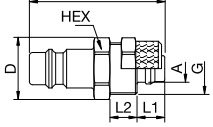
Series 26KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	G 1/4	19		55,5	10,5		28				26KAAW13RVX
	G 3/8	19		53,5	9		28				26KAAW17RVX
	G 1/2	24		56,5	12		28				26KAAW21RVX
 <p>Female Thread</p>	G 1/4	19		51,5	10		28				26KAIW13RVX
	G 3/8	19		53,5	9		28				26KAIW17RVX
	G 1/2	24		56,5	12		28				26KAIW21RVX
 <p>Hose Barb</p>	6 mm	19		69,5	25		28				26KATF06RVX
	8 mm	19		69,5	25		28				26KATF08RVX
	9 mm	19		69,5	25		28				26KATF09RVX
	10 mm	19		69,5	25		28				26KATF10RVX
	13 mm	19		69,5	28		25				26KATF13RVX



Plugs – without valve

Series 26KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	G 1/8	14		31	7						25SFAW10RXX
	G 1/4	17		33	9						25SFAW13RXX
	G 3/8	19		33	9						25SFAW17RXX
	G 1/2	24		38	12						25SFAW21RXX
 <p>Female Thread</p>	G 1/8	14		30	7						25SFIW10RXX
	G 1/4	17		33	10						25SFIW13RXX
	G 3/8	19		33	10						25SFIW17RXX
	G 1/2	24		35	12						25SFIW21RXX
	M 16 x 1,5	19		33	10						25SFIM16RXX
 <p>Hose Barb</p>	6 mm			48	25		12				25SFTF06RXX
	8 mm			48	25		12				25SFTF08RXX
	9 mm			48	25		12				25SFTF09RXX
	10 mm			48	25		12				25SFTF10RXX
	13 mm			48	25		15				25SFTF13RXX
 <p>with Plastic Hose Connection</p>	4 x 6 mm			34	7	6	12		M 10 x 1		25SFKO06RXX
	6 x 8 mm			34	7	6	12		M 12 x 1		25SFKO08RXX
	8 x 10 mm	17		42	9	8			M 16 x 1		25SFKO10RXX
	9 x 12 mm	17		42	9	8			M 16 x 1		25SFKO12RXX

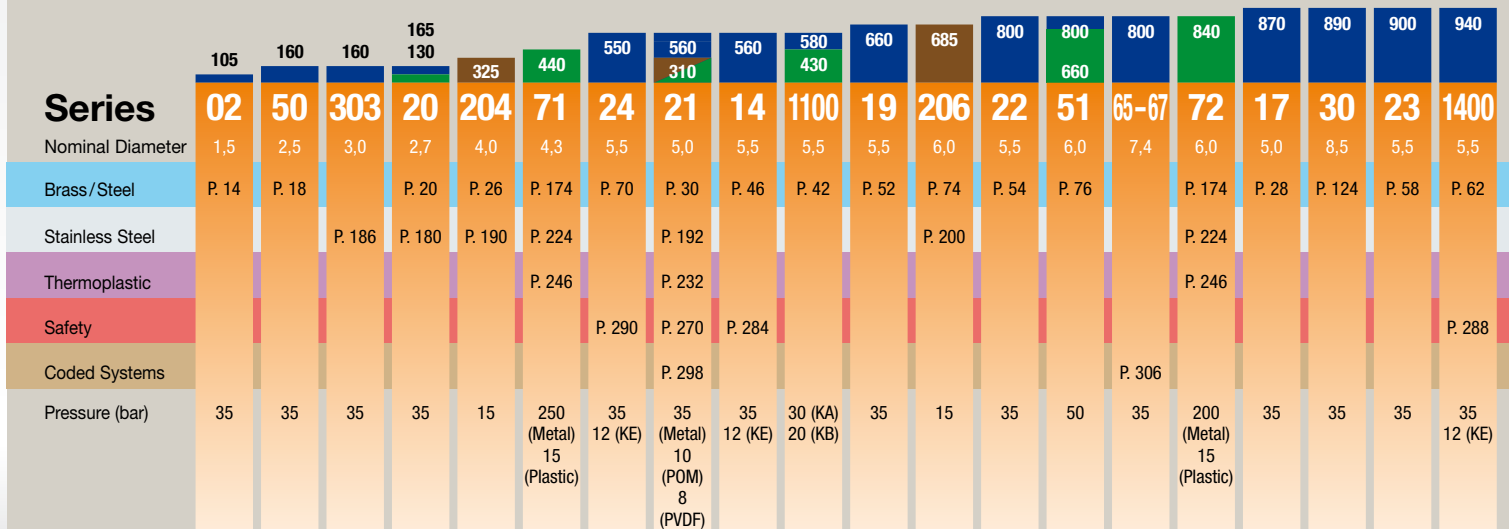
ALL OUR PERFORMANCE CAPACITY AT A GLANCE.

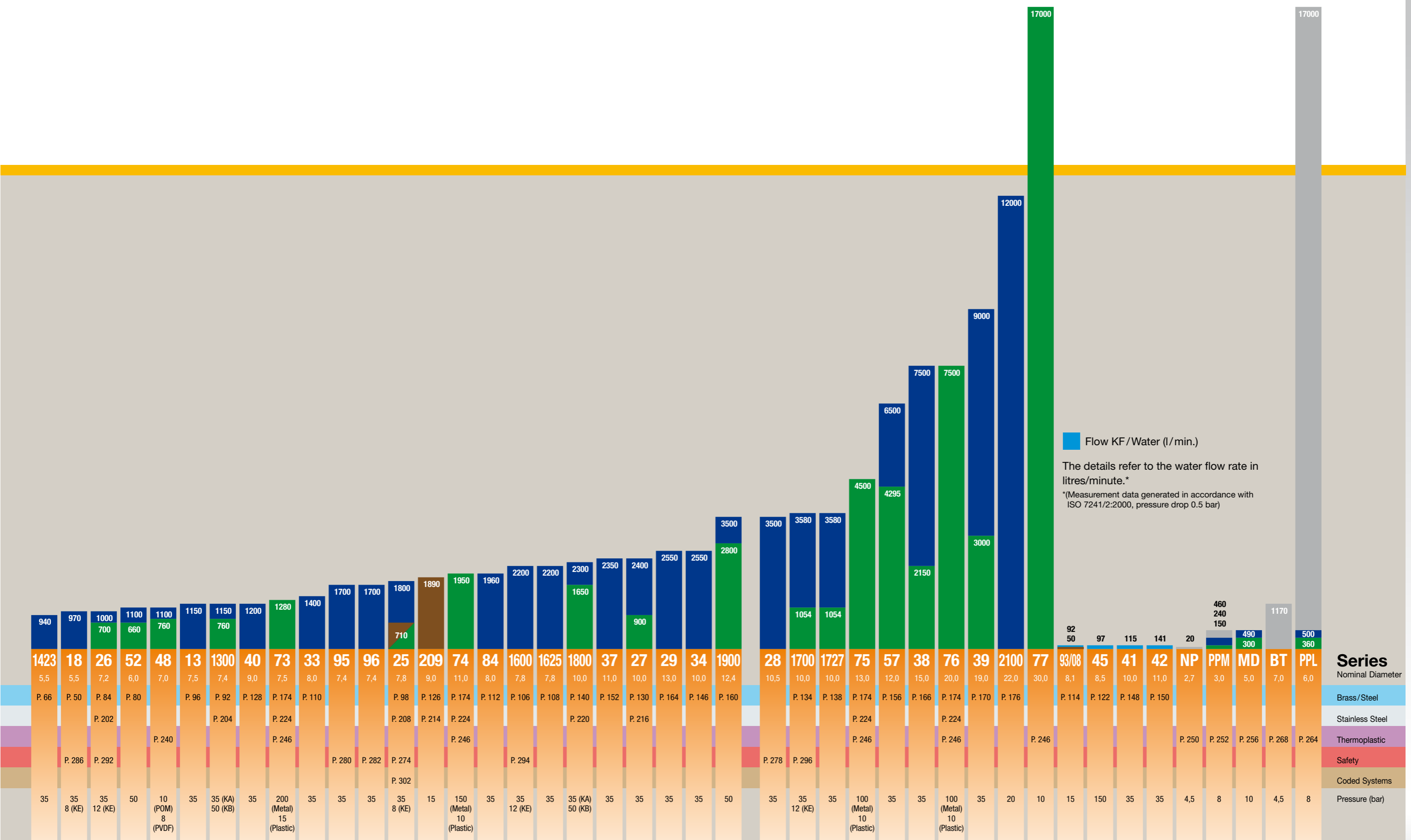
Using this flow rate diagram, you can identify at a glance the coupling series suited to your application and the corresponding operating pressure.

- Flow KL (l/min.) – leak-free coupling systems
- Flow KB (l/min.) – double shut-off coupling systems
- Flow KA (l/min.) – single shut-off coupling systems
- Flow KF (l/min.) – straight-through coupling systems

The details refer to the air flow rate in litres/minute.*

* (Measurement data generated in accordance with ISO 6358; CCTOP RP50P at input pressure 6 bar, pressure drop 0.5 bar)





Flow KF/Water (l/min.)

The details refer to the water flow rate in litres/minute.*

*(Measurement data generated in accordance with ISO 7241/2:2000, pressure drop 0.5 bar)

Series	Nominal Diameter	Material	Pressure (bar)	Flow KF/Water (l/min.)
P. 66	5,5	Brass/Steel	35	940
P. 50	5,5	Brass/Steel	35 (KE)	970
P. 84	7,2	Brass/Steel	35 (KE)	1000
P. 80	6,0	Brass/Steel	50	1100
P. 240	7,0	Brass/Steel	10 (POM) 8 (PVDF)	1100
P. 96	7,5	Brass/Steel	35	1150
P. 92	7,4	Brass/Steel	35 (KA) 50 (KB)	1150
P. 128	9,0	Brass/Steel	35	1200
P. 174	7,5	Brass/Steel	200 (Metal) 15 (Plastic)	1280
P. 110	8,0	Brass/Steel	35	1400
P. 280	7,4	Brass/Steel	35	1700
P. 282	7,4	Brass/Steel	35	1700
P. 98	7,8	Brass/Steel	35 (KE)	1800
P. 214	9,0	Brass/Steel	15	1890
P. 174	11,0	Brass/Steel	150 (Metal) 10 (Plastic)	1950
P. 112	8,0	Brass/Steel	35	1960
P. 106	7,8	Brass/Steel	35 (KE)	2200
P. 108	7,8	Brass/Steel	35	2200
P. 140	10,0	Brass/Steel	35 (KA) 50 (KB)	2300
P. 152	11,0	Brass/Steel	35	2350
P. 130	10,0	Brass/Steel	35	2400
P. 164	13,0	Brass/Steel	35	2550
P. 146	10,0	Brass/Steel	35	2550
P. 160	12,4	Brass/Steel	50	3500
P. 278	10,5	Brass/Steel	35	3500
P. 134	10,0	Brass/Steel	35 (KE)	3580
P. 138	10,0	Brass/Steel	35	3580
P. 174	13,0	Brass/Steel	100 (Metal) 10 (Plastic)	4500
P. 156	12,0	Brass/Steel	35	4295
P. 166	15,0	Brass/Steel	35	6500
P. 174	20,0	Brass/Steel	100 (Metal) 10 (Plastic)	7500
P. 170	19,0	Brass/Steel	35	7500
P. 176	22,0	Brass/Steel	20	9000
P. 246	30,0	Brass/Steel	10	12000
P. 246	30,0	Brass/Steel	10	17000
P. 114	8,1	Stainless Steel	15	92
P. 122	8,5	Stainless Steel	150	97
P. 148	10,0	Stainless Steel	35	115
P. 150	11,0	Stainless Steel	35	141
NP	2,7	Thermoplastic	4,5	20
PPM	3,0	Thermoplastic	8	460
MD	5,0	Thermoplastic	10	240
BT	7,0	Thermoplastic	4,5	150
PPL	6,0	Thermoplastic	8	1170

Series	Nominal Diameter	Material	Pressure (bar)
P. 174	7,5	Brass/Steel	200 (Metal) 15 (Plastic)
P. 174	11,0	Brass/Steel	150 (Metal) 10 (Plastic)
P. 174	13,0	Brass/Steel	100 (Metal) 10 (Plastic)
P. 174	20,0	Brass/Steel	100 (Metal) 10 (Plastic)
P. 246	30,0	Brass/Steel	10
P. 246	30,0	Brass/Steel	10
P. 252	3,0	Thermoplastic	8
P. 256	5,0	Thermoplastic	10
P. 268	7,0	Thermoplastic	4,5
P. 264	6,0	Thermoplastic	8



Parker's Motion & Control Technologies

At Parker, we're guided by a relentless drive to help our customers become more productive and achieve higher levels of profitability by engineering the best systems for their requirements. It means looking at customer applications from many angles to find new ways to create value. Whatever the motion and control technology need, Parker has the experience, breadth of product and global reach to consistently deliver. No company knows more about motion and control technology than Parker. For further info call 00800 27 27 5374



Aerospace

Key Markets

Aftermarket services
Commercial transports
Engines
General & business aviation
Helicopters
Launch vehicles
Military aircraft
Missiles
Power generation
Regional transports
Unmanned aerial vehicles

Key Products

Control systems & actuation products
Engine systems & components
Fluid conveyance systems & components
Fluid metering, delivery & atomization devices
Fuel systems & components
Fuel tank inerting systems
Hydraulic systems & components
Thermal management
Wheels & brakes



Climate Control

Key Markets

Agriculture
Air conditioning
Construction Machinery
Food & beverage
Industrial machinery
Life sciences
Oil & gas
Precision cooling
Process
Refrigeration
Transportation

Key Products

Accumulators
Advanced actuators
CO₂ controls
Electronic controllers
Filter driers
Hand shut-off valves
Heat exchangers
Hose & fittings
Pressure regulating valves
Refrigerant distributors
Safety relief valves
Smart pumps
Solenoid valves
Thermostatic expansion valves



Electromechanical

Key Markets

Aerospace
Factory automation
Life science & medical
Machine tools
Packaging machinery
Paper machinery
Plastics machinery & converting
Primary metals
Semiconductor & electronics
Textile
Wire & cable

Key Products

AC/DC drives & systems
Electric actuators, gantry robots & slides
Electrohydraulic actuation systems
Electromechanical actuation systems
Human machine interface
Linear motors
Stepper motors, servo motors, drives & controls
Structural extrusions



Filtration

Key Markets

Aerospace
Food & beverage
Industrial plant & equipment
Life sciences
Marine
Mobile equipment
Oil & gas
Power generation & renewable energy
Process
Transportation
Water Purification

Key Products

Analytical gas generators
Compressed air filters & dryers
Engine air, coolant, fuel & oil filtration systems
Fluid condition monitoring systems
Hydraulic & lubrication filters
Hydrogen, nitrogen & zero air generators
Instrumentation filters
Membrane & fiber filters
Microfiltration
Sterile air filtration
Water desalination & purification filters & systems



Fluid & Gas Handling

Key Markets

Aerial lift
Agriculture
Bulk chemical handling
Construction machinery
Food & beverage
Fuel & gas delivery
Industrial machinery
Life sciences
Marine
Mining
Mobile
Oil & gas
Renewable energy
Transportation

Key Products

Check valves
Connectors for low pressure fluid conveyance
Deep sea umbilicals
Diagnostic equipment
Hose couplings
Industrial hose
Mooring systems & power cables
PTFE hose & tubing
Quick couplings
Rubber & thermoplastic hose
Tube fittings & adapters
Tubing & plastic fittings



Hydraulics

Key Markets

Aerial lift
Agriculture
Alternative energy
Construction machinery
Forestry
Industrial machinery
Machine tools
Marine
Material handling
Mining
Oil & gas
Power generation
Refuse vehicles
Renewable energy
Truck hydraulics
Turf equipment

Key Products

Accumulators
Cartridge valves
Electrohydraulic actuators
Human machine interfaces
Hybrid drives
Hydraulic cylinders
Hydraulic motors & pumps
Hydraulic systems
Hydraulic valves & controls
Hydrostatic steering
Integrated hydraulic circuits
Power take-offs
Power units
Rotary actuators
Sensors



Pneumatics

Key Markets

Aerospace
Conveyor & material handling
Factory automation
Life science & medical
Machine tools
Packaging machinery
Transportation & automotive

Key Products

Air preparation
Brass fittings & valves
Manifolds
Pneumatic accessories
Pneumatic actuators & grippers
Pneumatic valves & controls
Quick disconnects
Rotary actuators
Rubber & thermoplastic hose & couplings
Structural extrusions
Thermoplastic tubing & fittings
Vacuum generators, cups & sensors



Process Control

Key Markets

Alternative fuels
Biopharmaceuticals
Chemical & refining
Food & beverage
Marine & shipbuilding
Medical & dental
Microelectronics
Nuclear Power
Offshore oil exploration
Oil & gas
Pharmaceuticals
Power generation
Pulp & paper
Steel
Water/wastewater

Key Products

Analytical Instruments
Analytical sample conditioning products & systems
Chemical injection fittings & valves
Fluoropolymer chemical delivery fittings, valves & pumps
High purity gas delivery fittings, valves, regulators & digital flow controllers
Industrial mass flow meters/controllers
Permanent no-weld tube fittings
Precision industrial regulators & flow controllers
Process control double block & bleeds
Process control fittings, valves, regulators & manifold valves



Sealing & Shielding

Key Markets

Aerospace
Chemical processing
Consumer
Fluid power
General industrial
Information technology
Life sciences
Microelectronics
Military
Oil & gas
Power generation
Renewable energy
Telecommunications
Transportation

Key Products

Dynamic seals
Elastomeric o-rings
Electro-medical instrument design & assembly
EMI shielding
Extruded & precision-cut, fabricated elastomeric seals
High temperature metal seals
Homogeneous & inserted elastomeric shapes
Medical device fabrication & assembly
Metal & plastic retained composite seals
Shielded optical windows
Silicone tubing & extrusions
Thermal management
Vibration dampening

ENGINEERING YOUR SUCCESS.

Parker Worldwide

AE – UAE, Dubai
Tel: +971 4 8127100
parker.me@parker.com

AR – Argentina, Buenos Aires
Tel: +54 3327 44 4129

AT – Austria, Wiener Neustadt
Tel: +43 (0)2622 23501-0
parker.austria@parker.com

AT – Eastern Europe, Wiener Neustadt
Tel: +43 (0)2622 23501 900
parker.easteurope@parker.com

AU – Australia, Castle Hill
Tel: +61 (0)2-9634 7777

AZ – Azerbaijan, Baku
Tel: +994 50 2233 458
parker.azerbaijan@parker.com

BE/LU – Belgium, Nivelles
Tel: +32 (0)67 280 900
parker.belgium@parker.com

BR – Brazil, Cachoeirinha RS
Tel: +55 51 3470 9144

BY – Belarus, Minsk
Tel: +375 17 209 9399
parker.belarus@parker.com

CA – Canada, Milton, Ontario
Tel: +1 905 693 3000

CH – Switzerland, Etoy
Tel: +41 (0)21 821 87 00
parker.switzerland@parker.com

CL – Chile, Santiago
Tel: +56 2 623 1216

CN – China, Shanghai
Tel: +86 21 2899 5000

CZ – Czech Republic, Klecany
Tel: +420 284 083 111
parker.czechrepublic@parker.com

DE – Germany, Kaarst
Tel: +49 (0)2131 4016 0
parker.germany@parker.com

DK – Denmark, Ballerup
Tel: +45 43 56 04 00
parker.denmark@parker.com

ES – Spain, Madrid
Tel: +34 902 330 001
parker.spain@parker.com

FI – Finland, Vantaa
Tel: +358 (0)20 753 2500
parker.finland@parker.com

FR – France, Contamine s/Arve
Tel: +33 (0)4 50 25 80 25
parker.france@parker.com

GR – Greece, Athens
Tel: +30 210 933 6450
parker.greece@parker.com

HK – Hong Kong
Tel: +852 2428 8008

HU – Hungary, Budapest
Tel: +36 1 220 4155
parker.hungary@parker.com

IE – Ireland, Dublin
Tel: +353 (0)1 466 6370
parker.ireland@parker.com

IN – India, Mumbai
Tel: +91 22 6513 7081-85

IT – Italy, Corsico (MI)
Tel: +39 02 45 19 21
parker.italy@parker.com

JP – Japan, Tokyo
Tel: +81 (0)3 6408 3901

KR – South Korea, Seoul
Tel: +82 2 559 0400

KZ – Kazakhstan, Almaty
Tel: +7 7272 505 800
parker.easteurope@parker.com

MX – Mexico, Apodaca
Tel: +52 81 8156 6000

MY – Malaysia, Shah Alam
Tel: +60 3 7849 0800

NL – The Netherlands, Oldenzaal
Tel: +31 (0)541 585 000
parker.nl@parker.com

NO – Norway, Asker
Tel: +47 66 75 34 00
parker.norway@parker.com

NZ – New Zealand, Mt Wellington
Tel: +64 9 574 1744

PL – Poland, Warsaw
Tel: +48 (0)22 573 24 00
parker.poland@parker.com

PT – Portugal, Leca da Palmeira
Tel: +351 22 999 7360
parker.portugal@parker.com

RO – Romania, Bucharest
Tel: +40 21 252 1382
parker.romania@parker.com

RU – Russia, Moscow
Tel: +7 495 645-2156
parker.russia@parker.com

SE – Sweden, Spånga
Tel: +46 (0)8 59 79 50 00
parker.sweden@parker.com

SG – Singapore
Tel: +65 6887 6300

SK – Slovakia, Banská Bystrica
Tel: +421 484 162 252
parker.slovakia@parker.com

SL – Slovenia, Novo Mesto
Tel: +386 7 337 6650
parker.slovenia@parker.com

TH – Thailand, Bangkok
Tel: +662 717 8140

TR – Turkey, Istanbul
Tel: +90 216 4997081
parker.turkey@parker.com

TW – Taiwan, Taipei
Tel: +886 2 2298 8987

UA – Ukraine, Kiev
Tel +380 44 494 2731
parker.ukraine@parker.com

UK – United Kingdom, Warwick
Tel: +44 (0)1926 317 878
parker.uk@parker.com

US – USA, Cleveland
Tel: +1 216 896 3000

VE – Venezuela, Caracas
Tel: +58 212 238 5422

ZA – South Africa, Kempton Park
Tel: +27 (0)11 961 0700
parker.southafrica@parker.com

European Product Information Centre
Free phone: 00 800 27 27 5374
(from AT, BE, CH, CZ, DE, EE, ES, FI, FR, IE, IL, IS, IT, LU, MT, NL, NO, PT, SE, SK, UK)



**Parker Hannifin Manufacturing
Germany GmbH & Co. KG**
Quick Coupling Division Europe
Daimlerstr. 7
71735 Eberdingen – Germany
Phone +49 7042 100 0
Fax +49 7042 100 147
www.rectus.de