



**READY TO KNOW
THE UNKNOWN**
IN THE CHEMICAL WORLD,
OMAL IS WITH YOU.

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APPLICATION



THE CHEMICAL SERIES



PROCHEMIE



THOR
CASTING
STAINLESS
STEEL



MAGNUM
CASTING
STAINLESS
STEEL



MAGNUM
WAFER



SUPREME



ITEM 424



ARES



AGO
PNEUMATIC
ACTUATORS



RACKON
PNEUMATIC
ACTUATORS

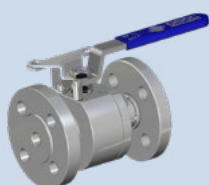


HEAVY DUTY
PNEUMATIC
ACTUATORS

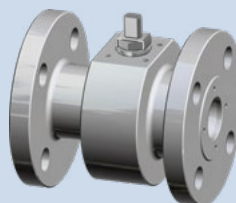
SPECIAL EXECUTIONS



**TANK
BOTTOM**



**REVOLVING
FLANGE**



**ONE-PIECE
BODY**



**TRUNNION
3 WAY**



APPLICATIONS



PAINTING



PETROCHEMICAL



PHARMACEUTICAL



PROCESS INDUSTRY



TECHNICAL DETAILS

PROCHEMIE

SPLIT BODY BALL VALVES FOR CHEMICAL INDUSTRY



SPECIFICATIONS


Size:

- DN 15 ÷ DN 150 [mm]
- 1/2" ÷ 6" [inch]


Body material:

- 1.4408 Stainless steel


Available seats:

- PTFE Modified
- PTFE Glass filled
- PTFE Carbon filled
- Devlon
- PEEK


End connections:

- Flanged RF


Pressure class:

- PN 16-40


Options:

- Mono-directional ball
- Locking device
- Stem Extension
- Oxygen use (on request)


Certifications:

- Ex CE/UKCA
- Pressure Equipment CE/UKCA
- AD2000 HP0 / A4
- TA Luft 60000 cycles
- Fugitive Emission
- Fire Safe
- SIL (up to SIL3)

THOR

SPLIT BODY CASTING STAINLESS STEEL BALL VALVES



SPECIFICATIONS


Size:

- DN 15 ÷ DN 200 [mm]
- 1/2" ÷ 8" [inch]


Body material:

- CF8M s.s. CL 150-300


End connections:

- Flanged RF (on request)


Pressure class:

- ANSI 150-300


Options:

- Locking device
- Stem Extension


Certifications:

- Ex CE/UKCA
- Pressure Equipment CE/UKCA
- TPED
- SIL (up to SIL3)
- Fugitive Emission rate A
- Fire Safe

MAGNUM

CASTING SPLIT WAFER BALL VALVES



SPECIFICATIONS


Size:

- DN 25 ÷ DN 100 [mm]
- 1" ÷ 4" [inch]


Body material:

- CF8M Stainless steel


Available seats:

- PTFE Modified
- PTFE Glass filled
- PTFE Carbon filled
- PEEK


End connections:

- Flanged RF


Pressure class:

- DN≤40; PN 16-40
- DN≥50; PN 16


Options:

- Mono-directional ball
- Locking device
- Stem Extension
- Bottom tank
- Oxygen use (on request)
- Hydrogen use (on request)


Certifications:

- Ex CE/UKCA
- Pressure Equipment CE/UKCA
- SIL (up to SIL3)
- TA Luft & Fugitive Emission
- Fire Safe



MAGNUM

WAFER BALL VALVES



SPECIFICATIONS

	Size:
	• DN 15 ÷ DN 100 [mm] • 1/2" ÷ 4" [inch]
	Body material:
	• A105 Carbon steel • 316 Stainless steel
	Available seats:
	• PTFE Modified • PTFE Glass filled • PTFE Carbon filled • PEEK
	End connections:
	• Flanged RF
	Pressure class:
	• ANSI 150-300; PN 16-40
	Options:
	• Mono-directional ball • Locking device • Stem Extension • Bottom tank • Oxygen use (on request) • Hydrogen use (on request)
	Certifications:
	• Ex CE/UKCA • Pressure Equipment CE/UKCA • SIL (up to SIL3) • TA Luft & Fugitive Emission • Fire Safe

SUPREME

TRUNNION BALL VALVES



SPECIFICATIONS

	Size:
	• DN 50 ÷ DN 600 [mm] • 2" ÷ 24" [inch]
	Body material:
	• Carbon steel • Stainless steel
	Available seats:
	• RPTFE • Devlon • PEEK
	End connections:
	• Flanged RF / RTJ
	Pressure class:
	• ANSI 150-2500 (varied by size)
	Options:
	• BW / SW connection
	Certifications:
	• Ex CE/UKCA • Pressure Equipment CE/UKCA • Fire Safe • SIL (up to SIL3) • Fugitive Emission • API6D on request

ITEM 424

3 PIECES STAINLESS STEEL BALL VALVES



SPECIFICATIONS

	Size:
	• DN 8 ÷ DN 100 [mm] • 1/4" ÷ 4" [inch]
	Body material:
	• CF8M / 1.4408 Stainless steel
	Available seats:
	• PTFE Modified • PTFE Glass filled • PTFE Carbon filled
	End connections:
	• ISO 7/1 • NPT (ANSI B1.20.1)
	Max pressure:
	• PN 63 • 913 PSI
	Options:
	• BW / SW connection • Oxygen use (on request)
	Certifications:
	• Ex CE/UKCA • Pressure Equipment CE/UKCA



ARES

PNEUMATIC ANGLE SEAT VALVES



SPECIFICATIONS



Size:

- DN 15 ÷ DN 50 [mm]
- 3/8" ÷ 2" [inch]



Body material:

- Stainless steel



Available seats:

- PTFE Modified
- FKM
- NBR
- EPDM



End connections:

- NPT (ANSI B1.20.1)
- ISO 7/1
- ISO 228-1
- Flanged (PN 16 - ANSI 150)
- Weld ends
- Clamp



Max pressure:

- PN 16 - PN 25
- 230 - 360 PSI



Variations:

- Double acting
- Spring return N.C. - N.O.
- Manual operated



Options:

- Oxygen use (on request)
- Namur plate
- Limit switch box



Certifications:

- Ex CE/UKCA
- Pressure Equipment CE/UKCA





AGC®

ALUMINIUM PNEUMATIC ACTUATORS



SPECIFICATIONS

✓ Type:

- Scotch yoke

↻ Nominal torque:

- DA (Double acting):
8 Nm ÷ 8000 Nm
70 in-lbs ÷ 70806 in-lbs
- SR (Spring return):
15 Nm ÷ 4000 Nm
133 in-lbs ÷ 35403 in-lbs

↗ Size:

- DA 8 ÷ DA 8000
- SR 15 ÷ SR 4000

🔒 Body material:

- Aluminium

⚙️ Variations:

- Double acting
- Spring return N.C. - N.O.

⚙️ Options:

- Low temp. version:
-50°C / -58°F
- High temp. version:
+150°C / +302°F
- Adjustable rotation
- Surface treatments

🏆 Certifications:

- Ex CE/UKCA
- SIL (up to SIL3)

RACKON®

RACK & PINION PNEUMATIC ACTUATORS



SPECIFICATIONS

✓ Type:

- Rack & Pinion

↻ Nominal torque:

- DA (Double acting):
10 Nm ÷ 474 Nm
88 in-lbs ÷ 4195 in-lbs
- SR (Spring return):
15 Nm ÷ 347 Nm
133 in-lbs ÷ 3071 in-lbs

↗ Size:

- DA: RK 10 ÷ RK 480
- SR: RK 20 ÷ RK 480

🔒 Body material:

- Aluminium

⚙️ Variations:

- Double acting
- Spring return N.C. - N.O.

⚙️ Options:

- GAS or NPT namur plate
- Low temp. version:
-50°C / -58°F
- High temp. version:
+150°C / +302°F
- Adjustable rotation
- Accessories

🏆 Certifications:

- Ex CE/UKCA
- SIL (up to SIL3)

HEAVY DUTY

HEAVY DUTY PNEUMATIC ACTUATORS



SPECIFICATIONS

✓ Type:

- Scotch yoke

↻ Nominal torque:

- 2000 Nm ÷ 32000 Nm
17700 in-lbs ÷ 283224 in-lbs

↗ Size:

- 085 - 100 - 130

🔒 Body material:

- Carbon steel

⚙️ Variations:

- DA: Double acting
- SR: Spring return N.C. - N.O.

⚙️ Options:

- Manual hydraulic override
- Special painting

🏆 Certifications:

- Ex CE/UKCA
- SIL (up to SIL3)



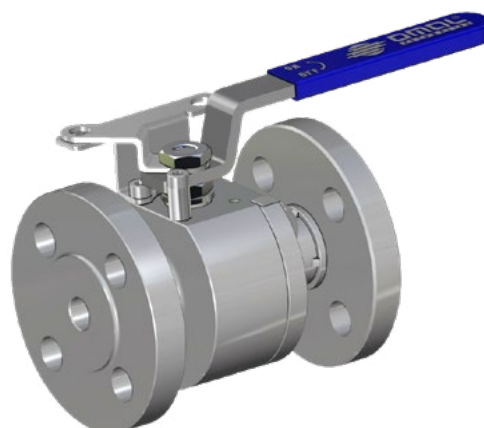


THE CHEMICAL SERIES

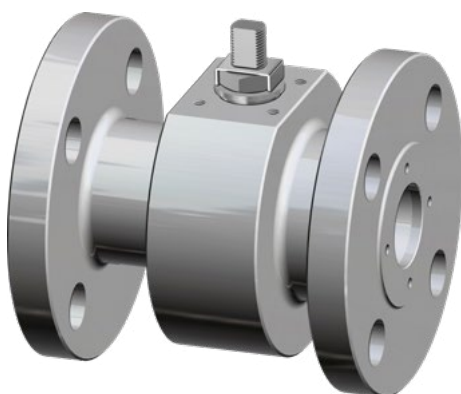
SPECIAL EXECUTIONS



TANK BOTTOM



REVOLVING FLANGE



ONE-PIECE BODY



TRUNNION 3 WAY



OMAL S.p.A. Società Benefit

Headquarter Via Ponte Nuovo, 11 - 25050 Rodengo Saiano (BS), Italy

Production Site Via Brognolo, 12 - 25050 Passirano (BS), Italy

Ph. +39 030 8900145 • Fax +39 030 8900423 • info@omal.it

OMAL USA Corp.

1835 Airport Exchange Blvd, Suite 100- 41018 Erlanger, (Kentucky), USA

Ph. +1 (859) 900-2108 • info@omal.com

OMAL Asia Pacific Ltd.

26/73, Moo 7, Racha Thewa Sub-district, Bang Phli District,
Samut Prakan Province, (Bangkok), Thailandia

Ph. 02-117-1188 • info@omal.co.th

www.omal.com