



EMPOWERED PERFORMANCE

PRODUCT PORTFOLIO



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DNV·GL

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.: 109786-2012-AE-ITA-ACCREDIA Initial certification date: 23 January 2012 Valid: 24 January 2021 - 23 January 2024

This is to certify that the management system of
OMAL S.p.A. - Sede Legale e Operativa
 Via Ponte Nuovo, 11/1 - 25050 Rodengo Saiano (BS) - Italy
 and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Environmental Management System standard:
ISO 14001:2015

This certificate is valid for the following scope:
Design and manufacturing of pneumatic actuators, electric actuators, pneumatic coaxial and angle seat valves, manual and automatized ball and butterfly valves by machining, plastic moulding, assembly, testing, packaging and shipping (IAF 18)
Valutato secondo le prescrizioni del Regolamento Tecnico RT-09

Place and date:
 Vimercate (MB), 20 January 2021



For the issuing office:
DNV GL - Business Assurance
 Via Energy Park, 14 - 20871 Vimercate (MB) - Italy



Zeno Beltrami
 Management Representative

Accredited Unit: DNV GL Business Assurance Italia S.r.l., Via Energy Park, 14 - 20871 Vimercate (MB) - Italy - TEL: +39 68 99 905. www.dnvgl.it

DNV·GL

MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 236889-2017-AQ-ITA-ACCREDIA Initial certification date: 14 July 1992 Valid: 10 June 2020 - 09 June 2023

This is to certify that the management system of
OMAL S.p.A. - Sede Legale e Operativa
 Via Ponte Nuovo, 11/1 - 25050 Rodengo Saiano (BS) - Italy
 and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:
Design and production of pneumatic actuators, electric actuators, ball valves 2-way and 3-way, butterfly valves, Angle seat valves, pneumatic valves coaxial through assembly (IAF 18)

Place and date:
 Vimercate (MB), 21 July 2020



For the issuing office:
DNV GL - Business Assurance
 Via Energy Park, 14 - 20871 Vimercate (MB) - Italy



Zeno Beltrami
 Management Representative

Accredited Unit: DNV GL Business Assurance Italia S.r.l., Via Energy Park, 14 - 20871 Vimercate (MB) - Italy - TEL: +39 68 99 905. www.dnvgl.it

DNV·GL

GREEN HOUSE GAS INVENTORY (GHGI) VERIFICATION STATEMENT

Attestato No.: 284683-2019-E-ITA-Rivk Data prima emissione: 28 febbraio 2019 Validità: 28 febbraio 2019 - 28 febbraio 2020

DNV Business Assurance ha verificato, in conformità alla norma ISO 14064-3, che definisce specifiche e fornisce una guida per la verifica delle asserzioni riguardanti i gas a effetto serra (di seguito GHG), l'asserzione GHG emessa in data 21 Febbraio 2019 emessa da

OMAL S.p.A.
 Via Ponte Nuovo, 11 - 25050 Rodengo-Saiano (BS) - Italia


riportati nel documento interno intitolato "Report CFO OMAL SpA_2018_Rev. 01", relativa all'inventario dei gas serra dei 2 siti del Gruppo elencati in allegato a questa dichiarazione.

DNV GL afferma che gli indicatori di gas serra riportati nel documento di cui sopra forniscono una rappresentazione affidabile ed equilibrata dell'inventario dei gas serra entro i confini di seguito definiti e calcolati in conformità con lo standard aziendale "Report CFO OMAL SpA_2018_Rev. 01", con i risultati seguenti (valori arrotondati al kg):

EMMISSIONI GHG 2018	t CO2-eq						
	CO ₂	CH ₄	N ₂ O	HFC	PFC	SF ₆	TOT. GHG
1. TOTALE EMMISSIONI DIRETTE (SCOPE 1)	189,11	2,13	0,64	0,00	0,00	0,00	191,88
1.1 DA COMBUSTIONE	125,68	1,15	0,00	0,00	0,00	0,00	126,83
1.2 DA MACCHINE AZIONATE E MOTO INTERNA	63,43	0,98	0,64	0,00	0,00	0,00	65,13
2. EMMISSIONI INDIRETTE ENERGIE (SCOPE 2)	217,94	0,00	0,00	0,00	0,00	0,00	217,94
2.1 DA CONSUMO DI ENERGIA ELETTRICA	217,94	N.D.	N.D.	N.D.	N.D.	N.D.	217,94
3. TOTALE ALTRE EMMISSIONI INDIRETTE (SCOPE 3)	10028,61	0,00	0,00	0,00	0,00	0,00	10028,61
3.1 PERDITE E TRASFORMAZIONE ENERGIA ELETTRICA	15,51	N.D.	N.D.	N.D.	N.D.	N.D.	15,51
3.2 PRODUZIONE COMBUSTIBILI	51,00	N.D.	N.D.	N.D.	N.D.	N.D.	51,00
3.3 PRODUZIONE E TRASPORTO ACCIAIO	3127,99	N.D.	N.D.	N.D.	N.D.	N.D.	3127,99
3.4 PRODUZIONE E TRASPORTO ALLUMINIO	1105,99	N.D.	N.D.	N.D.	N.D.	N.D.	1105,99
3.5 PRODUZIONE E TRASPORTO BRONZO	93,14	N.D.	N.D.	N.D.	N.D.	N.D.	93,14
3.6 PRODUZIONE E TRASPORTO OTTONE	5101,08	N.D.	N.D.	N.D.	N.D.	N.D.	5101,08
3.7 PRODUZIONE E TRASPORTO PLASTICA	185,04	N.D.	N.D.	N.D.	N.D.	N.D.	185,04
3.8 PRODUZIONE E TRASPORTO MATERIALI PER IMBALLAGGIO	96,81	N.D.	N.D.	N.D.	N.D.	N.D.	96,81
3.9 PRODUZIONE E TRASPORTO MATERIALI AUSILIARI	9,91	N.D.	N.D.	N.D.	N.D.	N.D.	9,91
3.11 CONSUMO DI ACQUA PER LA PRODUZIONE	3,17	N.D.	N.D.	N.D.	N.D.	N.D.	3,17
3.12 TRATTAMENTO DEI RIFIUTI E LORO CONFERIMENTO AI DES	26,72	N.D.	N.D.	N.D.	N.D.	N.D.	26,72
3.13 DISTRIBUZIONE SU SOMMA DEI PRODOTTI FINITI	147,58	N.D.	N.D.	N.D.	N.D.	N.D.	147,58
3.14 DISTRIBUZIONE VIA NAVI DEI PRODOTTI FINITI	12,73	N.D.	N.D.	N.D.	N.D.	N.D.	12,73
3.15 FINE VITA DEGLI IMBALLAGGI DEI PRODOTTI DISTRIBUITI	49,18	N.D.	N.D.	N.D.	N.D.	N.D.	49,18
EMMISSIONI GHG TOTALI	10435,66	2,13	0,64	0,00	0,00	0,00	10438,43

Luogo e Data:
 Vimercate (MB), 28 febbraio 2019

Per l'organismo di Certificazione



Zeno Beltrami
 Management Representative

TUV SÜD
 Industrie Service

CERTIFICATE

TÜV SÜD-MUC-DG-3232257.2016.003

Manufacturer: **OMAL S.p.A.**
 Via Ponte Nuovo 11
 IT - 25050 Rodengo Saiano (BS)

Plant(s): **Via Ponte Nuovo 11** **Via Brognolo 12**
 IT - 25050 Rodengo Saiano (BS) IT - 25050 Passirano (BS)

Inspection according: **AD 2000-Merkblatt HP 0**

The company

- has facilities permitting manufacturing and inspection in compliance with the current technical standards,
- operates a quality system which guarantees that manufacturing and inspection of the products stated in our report are in conformity with the technical rules and standards,
- employs qualified supervisory and inspection personnel.

The company has the welding suitability for manufacturing pressure equipment according above mentioned standards. Independently of this certificate the requirements of the respectively selected module have to be considered within the framework of manufacturing pressure equipment according to Pressure Equipment Directive 2014/68/EU.

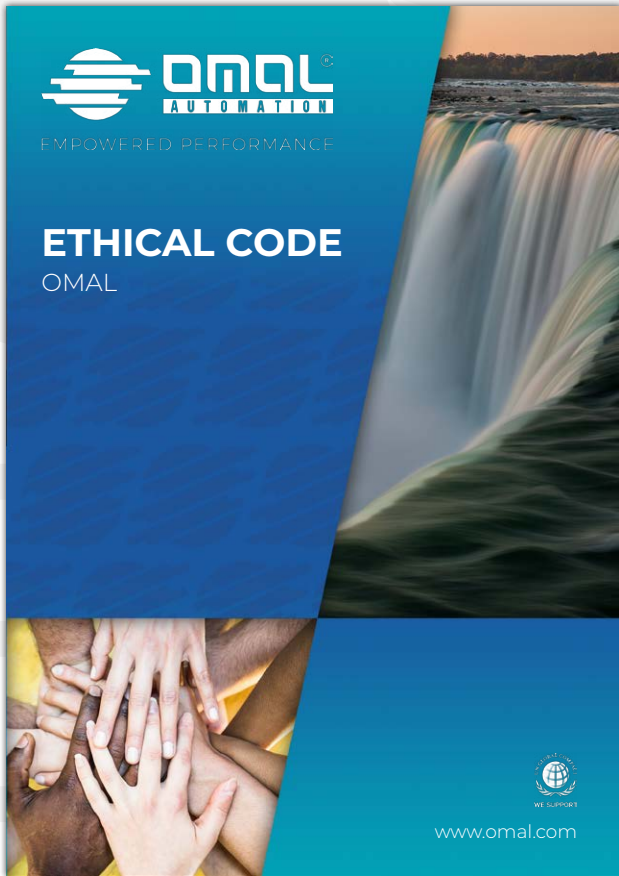
Report no.: R-722282662-22
 Valid until: September 30, 2025

Munich, October 7, 2022

Certification Body
 Material and Welding Technology

Matthias Strobel

TUV SÜD Industrie Service GmbH
 Westendstr. 199, 80688 Munich, Germany










MAGNUM



WAFER BALL VALVES

SPECIFICATIONS








 Size:	<ul style="list-style-type: none"> • DN 15 ÷ DN 100 [mm] • 1/2" ÷ 4" [inch]
 Body material:	<ul style="list-style-type: none"> • A105 Carbon steel • 316 Stainless steel
 Available seats:	<ul style="list-style-type: none"> • PTFE (TFM 1600) • PTFE Glass filled • PTFE Carbon filled • PEEK
 End connections:	<ul style="list-style-type: none"> • Flanged RF
 Pressure class:	<ul style="list-style-type: none"> • ANSI 150-300; PN 16-40
 Options:	<ul style="list-style-type: none"> • Mono-directional ball • Locking device • Stem Extension • Bottom tank • Oxygen use (on request*) • Hydrogen use (on request*)
 Certifications:	<ul style="list-style-type: none"> • ATEX 2014/34/EU • PED 2014/68/EU • UKCA • Up to SIL3 • TA Luft & Fugitive emission • Fire safe API 607 / ISO 10497

MAGNUM



SPLIT WAFER BALL VALVES

SPECIFICATIONS








 Size:	<ul style="list-style-type: none"> • DN 15 ÷ DN 200 [mm] • 1/2" ÷ 8" [inch]
 Body material:	<ul style="list-style-type: none"> • A105 Carbon steel • 316 Stainless steel
 Available seats:	<ul style="list-style-type: none"> • PTFE (TFM 1600) • PTFE Glass filled • PTFE Carbon filled • Devlon • PEEK
 End connections:	<ul style="list-style-type: none"> • Flanged RF
 Pressure class:	<ul style="list-style-type: none"> • ANSI 150-300; PN 16-40 • ANSI 600; PN 63-100 (DN≤100)
 Options:	<ul style="list-style-type: none"> • 3-Ways (DN≤100) • Mono-directional ball • Locking device • Stem Extension • Bottom tank • Oxygen use (on request*) • Hydrogen use (on request*)
 Certifications:	<ul style="list-style-type: none"> • ATEX 2014/34/EU • PED 2014/68/EU • UKCA • Up to SIL3 • TA Luft & Fugitive emission • Fire safe API 607 / ISO 10497

THOR



SPLIT BODY FLANGED BALL VALVES

SPECIFICATIONS

 Size:	<ul style="list-style-type: none"> • DN 15 ÷ DN 200 [mm] • 1/2" ÷ 8" [inch]
 Body material:	<ul style="list-style-type: none"> • A105 Carbon steel • 316 Stainless steel • CF8M s.s. (CL 150-300)
 Available seats:	<ul style="list-style-type: none"> • PTFE (TFM 1600) • PTFE Glass filled • PTFE Carbon filled • Devlon • PEEK
 End connections:	<ul style="list-style-type: none"> • Flanged RF (RTJ on request)
 Pressure class:	<ul style="list-style-type: none"> • ANSI 150-300 • ANSI 600; PN 63-100 (DN≤100) • ANSI 900-1500 (DN≤50)
 Options:	<ul style="list-style-type: none"> • 3-Ways (DN≤100) • Reduced bore • Mono-directional ball • Locking device • Stem Extension • Oxygen use (on request*) • Hydrogen use (on request*)
 Certifications:	<ul style="list-style-type: none"> • ATEX 2014/34/EU • PED 2014/68/EU • UKCA • Up to SIL3 • TA Luft & Fugitive emission • Fire safe API 607 / ISO 10497

PROCHEMIE 60

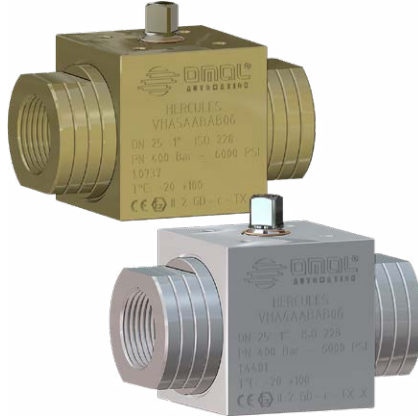


**SPLIT BODY BALL VALVES
FOR CHEMICAL INDUSTRY**

SPECIFICATIONS

Size:	<ul style="list-style-type: none"> DN 15 ÷ DN 150 [mm] 1/2" ÷ 6" [inch]
Body material:	<ul style="list-style-type: none"> 1.4408 Stainless steel
Available seats:	<ul style="list-style-type: none"> PTFE (TFM 1600) PTFE Glass filled PTFE Carbon filled Devlon PEEK
End connections:	<ul style="list-style-type: none"> Flanged RF
Pressure class:	<ul style="list-style-type: none"> PN 16-40
Options:	<ul style="list-style-type: none"> Mono-directional ball Locking device Stem Extension Oxygen use (on request*)
Certifications:	<ul style="list-style-type: none"> ATEX 2014/34/EU PED 2014/68/EU AD2000 HPO / A4 UKCA TA Luft 60000 cycles Fugitive emission Fire safe API 607 / ISO 10497 Up to SIL3

HERCULES



HIGH PRESSURE BALL VALVES

SPECIFICATIONS

Size:	<ul style="list-style-type: none"> DN 6 ÷ DN 25 [mm] 1/8" ÷ 1" [inch]
Body material:	<ul style="list-style-type: none"> Carbon steel 316 Stainless steel
Available seats:	<ul style="list-style-type: none"> Devlon Pom
End connections:	<ul style="list-style-type: none"> ISO 228-1 NPT (ANSI B1.20.1)
Max pressure:	<ul style="list-style-type: none"> PN 500 (varied by size) 7250 PSI (varied by size)
Certifications:	<ul style="list-style-type: none"> ATEX 2014/34/EU PED 2014/68/EU UKCA Up to SIL3

KRATOS



HIGH PRESSURE BALL VALVES

SPECIFICATIONS

Size:	<ul style="list-style-type: none"> DN 8 ÷ DN 50 [mm] 1/4" ÷ 2" [inch]
Body material:	<ul style="list-style-type: none"> A350-LF2 Carbon steel 316 Stainless steel
Available seats:	<ul style="list-style-type: none"> PTFE Carbon filled Devlon PEEK
End connections:	<ul style="list-style-type: none"> ISO 228-1 NPT (ANSI B1.20.1)
Max pressure:	<ul style="list-style-type: none"> PN 414 (varies by size) 6000 PSI (varies by size)
Options:	<ul style="list-style-type: none"> Oxygen use (on request*) Hydrogen use (on request*) Mono-directional ball BW / SW connection Stem Extension
Certifications:	<ul style="list-style-type: none"> ATEX 2014/34/EU PED 2014/68/EU UKCA Fugitive emission Up to SIL3 Fire safe API 607 / ISO 10497

SUPREME TRUNNION



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:**
 - ATEX 2014/34/EU
 - PED 2014/68/EU
 - UKCA
 - Fire safe API 607 / ISO 10497
 - Up to SIL3
 - Fugitive emission
 - API6D on request

ITEM 101



2 PIECES BRASS BALL VALVES

SPECIFICATIONS

- Size:**
 - DN 10 ÷ DN 80 [mm]
 - 3/8" ÷ 3" [inch]
- Body material:**
 - Brass
- Available seats:**
 - PTFE (TFM 1600)
- End connections:**
 - ISO 7/1
 - NPT (ANSI B1.20.1)
- Max pressure:**
 - PN 63 (varies by size)
 - 913 PSI (varies by size)
- Certifications:**
 - ATEX 2014/34/EU
 - PED 2014/68/EU
 - UKCA

ITEM 400



2 PIECES STAINLESS STEEL BALL VALVES

SPECIFICATIONS

- Size:**
 - DN 10 ÷ DN 100 [mm]
 - 3/8" ÷ 4" [inch]
- Body material:**
 - CF8M / 1.4408 Stainless steel
- Available seats:**
 - PTFE (TFM 1600)
 - PTFE Glass filled
 - PTFE Carbon filled
- End connections:**
 - ISO 7/1
 - NPT (ANSI B1.20.1)
- Max pressure:**
 - PN 100 (varies by size)
 - 1450 PSI (varies by size)
- Certifications:**
 - ATEX 2014/34/EU
 - PED 2014/68/EU

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 (TFM 1600)
 - 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:**
 - ATEX 2014/34/EU
 - PED 2014/68/EU
 - UKCA

BUTTERFLY VALVES



BUTTERFLY VALVES

SPECIFICATIONS

- Size:**
 - DN 40 ÷ DN 600 [mm]
 - 1 1/2" ÷ 24" [inch]
- Body material:**
 - Cast iron
 - Stainless steel
 - PVC
- Disc material:**
 - Cast iron
 - CF8M
 - Bronze aluminium
 - PVC
- Available seats:**
 - EPDM
 - NBR
 - FKM
 - PTFE
- End connections:**
 - Wafer
 - Lug
 - Clamp
 - Threaded
 - Butt welded
- Pressure class:**
 - ANSI 150, PN 10-16, PN 6
- Options:**
 - Pneumatic actuation
 - Electric actuation
- Certifications:**
 - ATEX 2014/34/EU
 - PED 2014/68/EU
 - UKCA

VIP



PNEUMATIC COAXIAL VALVES PN 10 / 145 PSI

SPECIFICATIONS

- Size:**
 - DN 10 ÷ DN 50 [mm]
 - 3/8" ÷ 2" [inch]
- Body material:**
 - Brass
- Available seats:**
 - FKM
 - NBR
 - EPDM
- End connections:**
 - NPT (ANSI B1.20.1)
 - ISO 7/1
- Max pressure:**
 - 10 bar
 - 145 PSI
- Variations:**
 - Double acting
 - Spring return N.C. - N.O.
- Options:**
 - Limit switch
 - Oxygen use (on request*)
- Certifications:**
 - ATEX 2014/34/EU
 - PED 2014/68/EU
 - UKCA

VIP EVO®



PNEUMATIC COAXIAL VALVES PN 40 / 580 PSI

SPECIFICATIONS

- Size:**
 - DN 10 ÷ DN 50 [mm]
 - 3/8" ÷ 2" [inch]
- Body material:**
 - Aluminium - brass
- Available seats:**
 - PTFE Glass filled
 - Sealing: FKM, NBR, EPDM
- End connections:**
 - NPT (ANSI B1.20.1)
 - ISO 7/1
- Max pressure:**
 - PN 40
 - 580 PSI
- Variations:**
 - Double acting
 - Spring return N.C. - N.O.
- Options:**
 - Namur plate
 - Limit switch
 - Oxygen use (on request*)
- Certifications:**
 - ATEX 2014/34/EU
 - PED 2014/68/EU
 - Up to SIL3
 - UKCA

ARES



PNEUMATIC ANGLE SEAT VALVES

SPECIFICATIONS

- Size:**
 - DN 15 ÷ DN 50 [mm]
 - 3/8" ÷ 2" [inch]
- Body material:**
 - Stainless steel
- Available seats:**
 - PTFE (TFM 1600)
 - 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:**
 - ATEX 2014/34/EU
 - PED 2014/68/EU
 - UKCA

ZEUS



PNEUMATIC ANGLE SEAT VALVES

SPECIFICATIONS

- Size:**
 - DN 15 ÷ DN 50 [mm]
 - 3/8" ÷ 2" [inch]
- Body material:**
 - Bronze
- Available seats:**
 - PTFE (TFM 1600)
 - FKM
 - NBR
 - EPDM
- End connections:**
 - NPT (ANSI B1.20.1)
 - ISO 228-1
- Max pressure:**
 - PN 16
 - 230 PSI
- Variations:**
 - Double acting
 - Spring return N.C. - N.O.
 - Manual operated
- Options:**
 - Oxygen use (on request*)
 - Namur plate
 - Limit switch box
- Certifications:**
 - ATEX 2014/34/EU
 - PED 2014/68/EU
 - 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:**
 - ATEX 2014/34/EU
 - Up to SIL3
 - UKCA

AGC®

HANDWHEEL



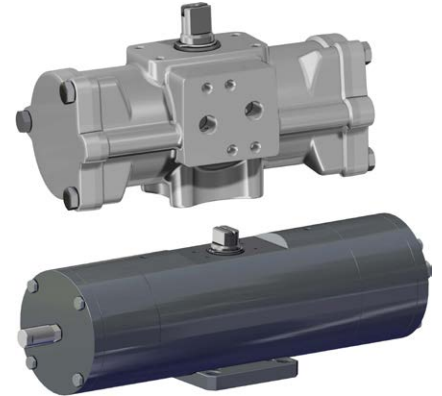
PNEUMATIC ACTUATORS WITH INTEGRATED HANDWHEEL

SPECIFICATIONS

- ✓ **Type:**
 - Scotch yoke
- ↻ **Nominal torque:**
 - DA (Double acting):
60 Nm ÷ 3840 Nm
531 in-lbs ÷ 33986 in-lbs
 - SR (Spring return):
30 Nm ÷ 1920 Nm
265 in-lbs ÷ 16993 in-lbs
- ↗ **Size:**
 - DANV 60 ÷ DANV 3840
 - SRNV 30 ÷ SRNV 1920
- 🔧 **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
 - Surface treatments
- 🏆 **Certifications:**
 - ATEX 2014/34/EU
 - Up to SIL3
 - UKCA

AGC®

CF8M - 316 - A105



INOX AND CARBON STEEL PNEUMATIC ACTUATORS

SPECIFICATIONS

- ✓ **Type:**
 - Scotch yoke
- ↻ **Nominal torque:**
 - DA (Double acting):
15 Nm ÷ 1920 Nm
133 in-lbs ÷ 16993 in-lbs
 - SR (Spring return):
15 Nm ÷ 960 Nm
133 in-lbs ÷ 8496 in-lbs
- ↗ **Size:**
 - DA 15 ÷ DA 1920
 - SR 15 ÷ SR 960
- 🔧 **Body material:**
 - Stainless steel
 - Carbon steel
- ⚙️ **Variations:**
 - Double acting
 - Spring return N.C. - N.O.
- ⚙️ **Options:**
 - Low temp. version:
-50°C / -58°F
 - High temp. version:
+150°C / +302°F
 - Surface treatments
- 🏆 **Certifications:**
 - ATEX 2014/34/EU
 - Up to SIL3
 - UKCA

AGC® TWO STAGE



TWO STAGE PNEUMATIC ACTUATORS

SPECIFICATIONS

- ✓ **Type:**
 - Scotch yoke
- 🔄 **Nominal torque:**
 - DDN:
30 Nm ÷ 480 Nm
265 in-lbs ÷ 4250 in-lbs
- ↗ **Size:**
 - DDN 30 ÷ DDN 480
- 🏗 **Body material:**
 - Aluminium
- 🔧 **Variations:**
 - Double acting two stage
- 🏆 **Certifications:**
 - ATEX 2014/34/EU
 - UKCA

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:**
 - ATEX 2014/34/EU
 - Up to SIL3
 - UKCA

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:**
 - ATEX 2014/34/EU
 - Up to SIL3
 - UKCA

AE - AM - EA



ELECTRIC ACTUATORS

SPECIFICATIONS

- ✓ **Type:**
 - Electric actuator "AE" on-off rotary type
 - Electric actuator "AM" rotary modular type
 - Electric actuator "EA" on-off rotary type
- ↻ **Nominal torque:**
 - 10 Nm ÷ 1960 Nm
 - 88 in-lbs ÷ 17350 in-lbs
- ↗ **Size:**
 - AE 10 ÷ AE 2000
 - AM 20 ÷ AM 2000
 - EA0035 ÷ EA0240
- 🔧 **Body material:**
 - Aluminium
- ⚙️ **Variations:**
 - ON-OFF
 - Modulating
- ⚙️ **Options:**
 - 115 Vac
 - 230 Vac
 - 24 Vdc
 - Torque limiter
 - Space heater
 - R/I converter
 - Speed controller

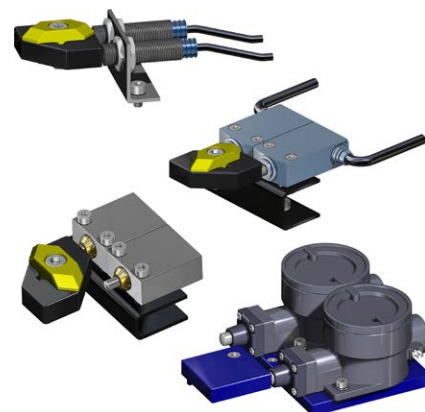
SOLENOIDS



SPECIFICATIONS

- ✓ **Type:**
 - Namur 3/2 - 5/2: mono and bistable
 - Electropilots 3/2: monostable
- 🔧 **Body material:**
 - Aluminium
- 🔧 **Pneumatic connections:**
 - 1/8" GAS-F
 - 1/4" GAS-F
 - 1/2" GAS-F
- 🔧 **Electrical connections:**
 - PG9
 - M20x1.5
 - 1/2" NPT-F
- 🌡️ **Supply pressure:**
 - 3 ÷ 10 bar (45 ÷ 150 PSI)
- ⚡ **Supply voltage:**
 - 24 ÷ 230 V ac/dc
- 🌡️ **Temperature range:**
 - -20°C ÷ +80°C / -4°F ÷ +176°F
- 🛡️ **IP Grade:**
 - IP 65
- ⚙️ **Options (on request):**
 - Pneumatic connections NPT
 - Body material in 316 S.S.
- 🏆 **Certifications:**
 - ATEX 2014/34/EU
 - Up to SIL3
 - More on request

LIMIT SWITCH



SPECIFICATIONS

- ✓ **Type:**
 - Electromechanical
 - Magnetic
 - Inductive
 - Pneumatic
- 🔧 **Body material:**
 - Aluminium
 - Plastic
- 🔧 **Connections:**
 - PG11
 - 1/2" NPT-F
 - With integrated cable
 - Pipe 4x2mm (pneumatic)
- 🌡️ **Temperature range:**
 - -25°C ÷ +70°C / -13°F ÷ +158°F
- 🛡️ **IP Grade:**
 - IP 65 ÷ 68
- 🔧 **Mounting kit:**
 - Included
- ⚙️ **Options (on request):**
 - With integrated LED
 - Electrical conn.: M20x1.5
- 🏆 **Certifications:**
 - ATEX 2014/34/EU

LIMIT SWITCH BOX



SPECIFICATIONS

✓ **Type:**

- Electromechanical
- Magnetic
- Inductive

📄 **STD:**

- VDI/VDE 3845 (EN15714-3)

🔧 **Body material:**

- Aluminium
- Plastic

⚡ **Electrical connections:**

- M20x1.5
- 1/2" NPT-F

🌡️ **Temperature range:**

- -40°C ÷ +80°C
- -40°F ÷ +176°F

🛡️ **IP Grade:**

- IP 65 ÷ 67

🔧 **Mounting kit:**

- Included

⚙️ **Options (on request):**

- Body material in 316 S.S.

🏆 **Certifications:**

- ATEX 2014/34/EU
- IEC Ex 60079
- Up to SIL3
- More on request

POSITIONERS



SPECIFICATIONS

✓ **Type:**

- Pneumatic
- Electropneumatic
- Smart hart

🔧 **Body material:**

- Aluminium

⚡ **Pneumatic connections:**

- 1/4" NPT-F

⚡ **Electrical connections:**

- M20x1.5

🌡️ **Supply pressure:**

- Up to 7 barg (105 psig)

⚡ **Electrical input:**

- 4-20 mA (electromechanical / smart hart)

🌡️ **Temperature range:**

- -40°C ÷ +80°C
- -40°F ÷ +176°F

🛡️ **IP Grade:**

- IP 65

🔧 **Mounting kit:**

- Included

⚙️ **Options (on request):**

- With feedback signal
- Body material in 316 S.S.
- IP 66 Grade
- T. range up to +100°C / +212°F

🏆 **Certifications:**

- ATEX 2014/34/EU

EMERGENCY MANUAL GEARBOX



SPECIFICATIONS

✓ **Type:**

- Declutchable Gear Operators

🔄 **Nominal torque:**

- 150 Nm ÷ 8300 Nm
- 1330 in-lbs ÷ 73460 in-lbs

🔧 **Body material:**

- Cast iron painted

PRODUCT CERTIFICATES

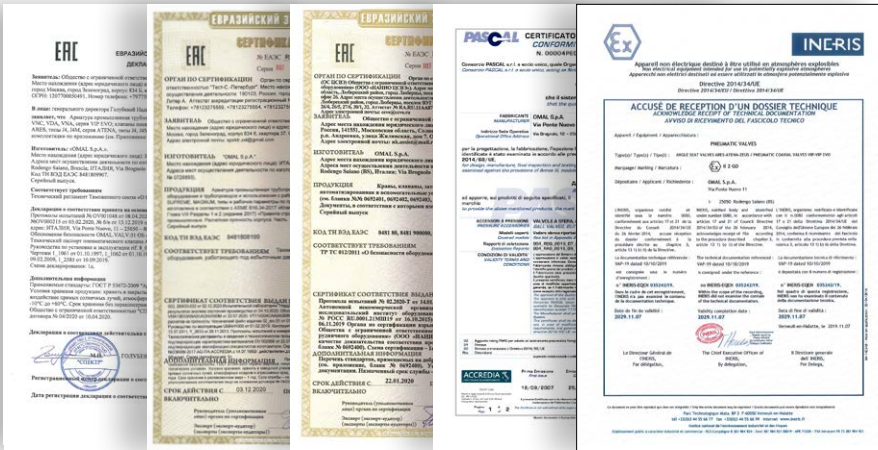
BALL VALVES



BUTTERFLY VALVES



PNEUMATIC VALVES



PNEUMATIC ACTUATORS





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HEADQUARTERS

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

Coordinates:

Lat: 45° 35' 53" North; Lon: 10° 05' 21" East

PRODUCTION SITE

Via Brognolo, 12 - 25050 Passirano (BS) ITALY

Coordinates:

Lat: 45° 35' 51" North; Lon: 10° 05' 18" East