



EMPOWERED PERFORMANCE

OMAL USA Corp.

PRODUCT OVERVIEW



ANNIVERSARY
1981 / 2021



EMPOWERED PERFORMANCE

OMAL USA Corp.

PRODUCT OVERVIEW



OMAL®
AUTOMATION

EMPOWERED PERFORMANCE



VISION & MISSION

PASSION
SENSE OF DUTY
RESPECT

The right balance between human and environment improves the quality of life, ensuring a better world to future generations.

We ensure a better world to our children. Thanks to our products we take care of the environment and we improve the quality of life making safer and more reliable plants.

OMAL GROUP

OMAL is a leading Italian company specialized in the automation of flow control.

We design, manufacture and sell our manual and automated process valves to virtually every industry including oil&gas, chemical processing, gas generation, HVAC, automotive, food and beverage.

Founded in 1981 in Italy, where it still has its headquarters and production units, OMAL currently operates worldwide through a strong network of distributors and since 2021, has established a presence in the North American market with our new site near Cincinnati, OH.

THE VALVES





OMAL[®]
AUTOMATION

EMPOWERED PERFORMANCE

THE AUTOMATION



THE POWER OF AUTOMATION



ONAL
AUTOMAZIONE

ONAL
AUTOMAZIONE

OMAL Sp.A.
Rodengo Saiano
Brescia ITALY

Type: DAN006040S F05-F07
P.nom. 5.5 bar
T.min. -20°C

P.max. 8.4 bar
T.max. +80°C

LKR06600CB40A000000
OA 006610720
CE II 2D Ex h IIC T4BFC 1279PG DA 4

ONAL
AUTOMAZIONE

Code: VKR06600CB40A000000

Temp. max. 80°C

Date: 05/20

Serial N°

63NJ
1073M



OUR PRODUCTS

- PNEUMATIC ACTUATORS
- ELECTRIC ACTUATORS

- PNEUMATIC VALVES
- BALL VALVES
- BUTTERFLY VALVES



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

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:**
 - Heavy duty option
 - Dosing
 - Integrated handwheel
 - 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

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



OMAL RACKON
RACKON

OMAL
CE 1115

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



VIP EVO[®]
OMAL[®]
AUTOMATION



VECH0JBBA1BCA00006
DN25 1" GAS PN40
NBR T: -20°C / +80°C
N.C. P: 4/8.5 bar
Date: 05/20

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

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 (TFM 1600)
 - 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:**
 - 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:**
 - DN 15 ÷ DN 200 [mm]
 - 1/2" ÷ 8" [inch]
- Body material:**
 - A105 Carbon steel
 - 316 Stainless steel
- Available seats:**
 - PTFE (TFM 1600)
 - PTFE Glass filled
 - PTFE Carbon filled
 - Devlon
 - PEEK
- End connections:**
 - Flanged RF
- Pressure class:**
 - ANSI 150-300; PN 16-40
 - ANSI 600; PN 63-100 (DN≤100)
- Options:**
 - 3-Ways (DN≤100)
 - Mono-directional ball
 - Locking device
 - Stem Extension
 - Bottom tank
 - Oxygen use (on request*)
 - Hydrogen use (on request*)
- Certifications:**
 - 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:**
 - DN 15 ÷ DN 200 [mm]
 - 1/2" ÷ 8" [inch]
- Body material:**
 - A105 Carbon steel
 - 316 Stainless steel
 - CF8M s.s. (CL 150-300)
- Available seats:**
 - PTFE (TFM 1600)
 - PTFE Glass filled
 - PTFE Carbon filled
 - Devlon
 - PEEK
- End connections:**
 - Flanged RF (RTJ on request)
- Pressure class:**
 - ANSI 150-300
 - ANSI 600; PN 63-100 (DN≤100)
 - ANSI 900-1500 (DN≤50)
- Options:**
 - 3-Ways (DN≤100)
 - Reduced bore
 - Mono-directional ball
 - Locking device
 - Stem Extension
 - Oxygen use (on request*)
 - Hydrogen use (on request*)
- Certifications:**
 - ATEX 2014/34/EU
 - PED 2014/68/EU
 - UKCA
 - Up to SIL3
 - TA Luft & Fugitive emission
 - 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

HERCULES



HIGH PRESSURE BALL VALVES

SPECIFICATIONS

- Size:**
 - DN 6 ÷ DN 25 [mm]
 - 1/8" ÷ 1" [inch]
- Body material:**
 - Carbon steel
 - 316 Stainless steel
- Available seats:**
 - Devlon
 - Pom
- End connections:**
 - ISO 228-1
 - NPT (ANSI B1.20.1)
- Max pressure:**
 - PN 500 (varied by size)
 - 7250 PSI (varied by size)
- Certifications:**
 - ATEX 2014/34/EU
 - PED 2014/68/EU
 - UKCA
 - Up to SIL3

KRATOS



HIGH PRESSURE BALL VALVES

SPECIFICATIONS

- Size:**
 - DN 8 ÷ DN 50 [mm]
 - 1/4" ÷ 2" [inch]
- Body material:**
 - A350-LF2 Carbon steel
 - 316 Stainless steel
- Available seats:**
 - PTFE Carbon filled
 - Devlon
 - PEEK
- End connections:**
 - ISO 228-1
 - NPT (ANSI B1.20.1)
- Max pressure:**
 - PN 414 (varies by size)
 - 6000 PSI (varies by size)
- Options:**
 - Oxygen use (on request*)
 - Hydrogen use (on request*)
 - Mono-directional ball
 - BW / SW connection
 - Stem Extension
- Certifications:**
 - ATEX 2014/34/EU
 - PED 2014/68/EU
 - UKCA
 - Fugitive emission
 - Up to SIL3
 - Fire Safe (on request)

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

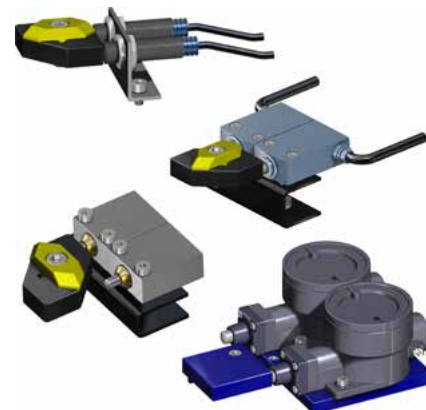
SOLENOIDS



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

THE POWER OF SOLUTIONS TO SATISFY MANY SECTORS



THE POWER OF THE GROUP



OMAL S.p.A.

HEADQUARTERS

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

PRODUCTION SITE

Via Brognolo, 12 - 25050
Passirano (BS) ITALY

Ph. +39 030 8900145

Fax +39 0308900423

info@omal.it - www.omal.com



OMAL USA Corp.

HEADQUARTERS

1835 Airport Exchange Blvd, Suite 100
41018 Erlanger, KY - USA

Ph. +1 (859) 900-2108

info@omal.com - www.omal.com

ACTUATECH S.p.A.

HEADQUARTERS

Via San Lorenzo, 70 - 25069
Villa Carcina (BS) ITALY

Ph. +39 030 8908142

Fax +39 030 8908143

actuatech@actuatech.com

www.actuatech.com



THE POWER OF OUR EXPERIENCE





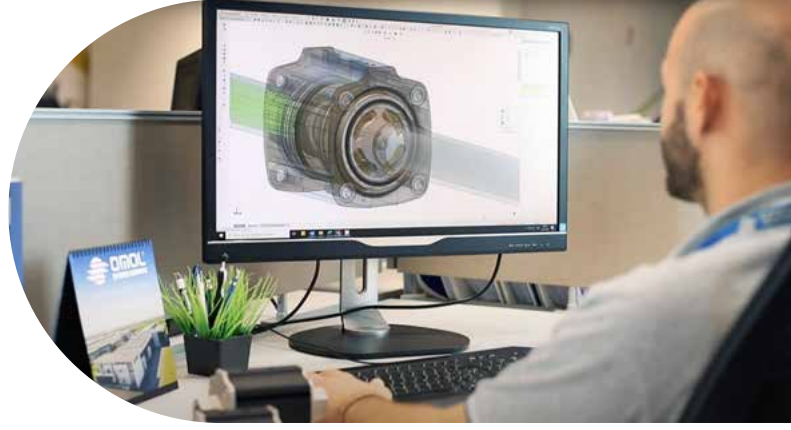
THE POWER OF FULLY INTEGRATED IN-HOUSE PROCESS





DIE CASTING DEPARTMENT

DESIGN DEPARTMENT



MOULDING OF PLASTIC MATERIALS

QUALITY DEPARTMENT



TESTING AREA

PRODUCTION AREA



THE POWER TO WALK THE TALK

OMAL's certifications: quality, environment, products and processes.

Some OMAL's corporate certifications.



CERTIFICATE
TUV SUD-DG-0364.2016.002
Manufacturer: OMAL S.p.A.
Via Ponte Nuovo 11 IT - 25050 Rodengo Saiano (BS)



GREEN HOUSE GAS INVENTORY VERIFICATION STATEMENT
OMAL Business Assurance ha verificato, in conformità alla norma ISO 14064, una guida per la verifica delle emissioni riguardanti i gas serra emesse in data 21 Febbraio 2019 emessa da OMAL S.p.A.



MANAGEMENT SYSTEM CERTIFICATE
This is to certify that the management system of OMAL S.p.A. - Sede Legale e Oly Via Ponte Nuovo, 11/1 - 25050 Rodengo Saiano (BS) - Italy and the sites as mentioned in the appendix accompanying this has been found to conform to the Quality Management System ISO 9001:2015



MANAGEMENT SYSTEM CERTIFICATE
OMAL S.p.A.
Sede Legale: Via Ponte Nuovo, 11/1 - 25050 Rodengo Saiano (BS) - Italy
UNI EN ISO 14001:2015 (ISO 14001:2015)
Design and production of pneumatic actuators, electric actuators, pneumatic valves 2-way and 3-way, butterfly valves, Angle seat valves coaxial through assembly (IAP 18)

▲ AD2000

▲ GHG

▲ ISO 9001

▲ ISO 14001

Some OMAL's product certifications.



ATEX Ball Valves
Appareil non électrique destiné à être utilisé en atmosphère explosive...
Directive 2014/34/UE / Direttiva 2014/34/UE



EAC TR CU 032/2013 - Butterfly Valves
Сертификат соответствия № БАЭС - RU - СТ.СД.В.0117220
Согласно ТУ 02524741



ATEX Pneumatic Valves
Appareil non électrique destiné à être utilisé en atmosphère explosive...
Directive 2014/34/UE / Direttiva 2014/34/UE



SIL EN 61508 Pneumatic Actuators
CERTIFICATE
This certifies the company Omal S.p.A. Via Ponte Nuovo, 11 25050 Rodengo Saiano (BS) Italy is authorized to provide the product mentioned below

▲ ATEX Ball Valves

▲ EAC TR CU 032/2013 - Butterfly Valves

▲ ATEX Pneumatic Valves

▲ SIL EN 61508 Pneumatic Actuators DA, SR, DAN, SRN

Certified



Since September 2017 OMAL is a Certified B Corporation®. B Corp TM companies meet the highest standards of overall social and environmental performance, transparency and accountability and aspire to use the power of business to solve social and environmental problems. OMAL S.p.A is the first world's company in the valve and actuator sector certified B Corporation®.



WE SUPPORT

OMAL supports the UN Global Compact programme.



OMAL has achieved Gold membership in the Ecovadis platform, which evaluates suppliers according to their social and environmental practices.



OMAL has been included in the Transparency Rating developed by the Authority Italian Antitrust Authority (AGCM).



Sustainable & Ethical Procurement Category



Cross-Function & Team Procurement Category

OMAL won the Procurement Award 2016 and 2017 in the category "Ethical and Sustainable purchasing practices" and in the category "Cross-function and Team Procurement" 2017.



OMAL measured and compensated its Organizational Carbon Footprint, certifying the process according to ISO 14064 – part I.

THE POWER OF OUR GLOBAL BUSINESS NETWORK





Headquarters



Distributors

Atlantic Ocean



*North
Pacific
Ocean*

*Indian
Ocean*

NOTES:

A series of horizontal dotted lines for writing notes.



OMAL USA Corp.

Ph. +1 (859) 900-2108 - info@omal.com - www.omal.com

HEADQUARTERS

1835 Airport Exchange Blvd, Suite 100 41018 - Erlanger, KY - USA

Coordinates:

Lat: 39° 03' 30.4" North; Lon: 84° 37' 49.4" West