

THE COMPLETE SOLUTION FOR

MINING

GENERAL CATALOGUE • VALVES & PARTS

1st EDITION

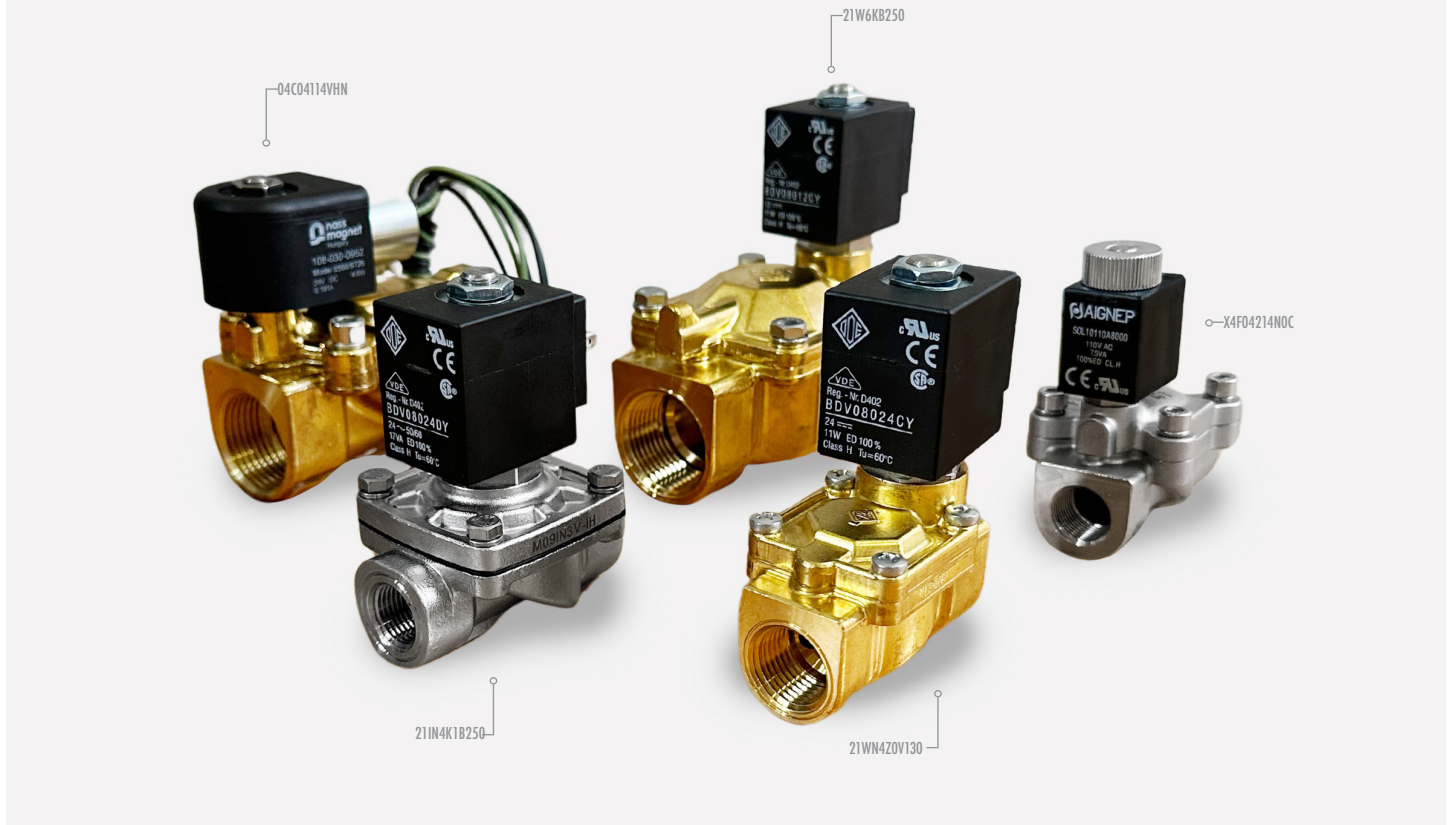
QUALITY PRODUCTS



**PREMIUM FLUID
CONTROL
SOLUTIONS**

THE COMPLETE SOLUTION

MINING



Certain valves may not be depicted in the image above. Please reach out to us for further information.

DESCRIPTION

Mining operations rely on the precise control of fluids, and Elite Valves' knife, gate, and butterfly valves are pivotal in ensuring the efficiency and safety of these processes.

Knife valves excel in regulating abrasive slurries and thick fluids, while gate valves prove indispensable in bulk material handling and fluid management. Butterfly valves are versatile, **cost-effective choices for controlling various fluids in mining operations**, particularly in ventilation systems and dust control.

In parallel, ODE's solenoid valves are key components in mining equipment, enabling rapid and remote fluid flow control, essential for heavy machinery and water management. AIGNEP's solenoid valves are **trusted for their robustness and reliability, playing essential roles in pneumatic systems and safety mechanisms throughout mining operations**. These valves collectively underpin the mining industry, optimizing safety, efficiency, and productivity while conserving resources.

PRODUCT SERIES

ODE

- 21IN Series
- 21WN Series

AIGNEP

- 04C Series
- X4C Series
- 01VS Series
- 08VS Series

ELITE VALVES

- E5600 KNIFE VALVE Series
- BUTTERFLY VALVE CLASS 150

SUITABLE VALVES



ODE

INDIRECT ACTING | 2/2 WAY
GENERAL PURPOSE SOLENOID VALVES

With a robust construction, these valves are built to withstand demanding industrial environments, ensuring long-lasting performance and reliability. The 21A series boasts precise flow control, providing optimal efficiency in various applications.

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

Product Code*	Pipe Size	Direction	Min. Pressure	Max Pressure
21WN3Z0V130	1/4" BSP	N.O	0.2 bar	16 bar
21WA4K0B130	1/2" BSP	N.C	0.2 bar	16 bar
21WN5KF190	3/4" NPT	N.C	0.2 bar	16 bar
21W4KB250	1" BSP	N.O	0.2 bar	16 bar
21WN7KE350	2" BSP	N.C	0.2 bar	10 bar
21WN8ZB400	1-1/2" NPT	N.O	0.2 bar	10 bar
21W7KV500-MR	2" BSP	N.C	0.2 bar	10 bar
21IN4K1E160-IH	1/2" NPT	N.C	0 bar	14 bar
21IN5K1V1200-IH	3/4" NPT	N.C	0 bar	14 bar
21IN3Z1V150-IH	3/8" NPT	N.O	0.2 bar	10 bar
21IN8K1B400-IH	1-1/2" BSP	N.O	0.2 bar	14 bar



Maximum pressure is depicted by the highest pressure configuration. Other configurations are available. Please reach out to us for further information.

MATERIAL

Body Material Brass - UNI EN 12165 CW617N

Available Seals B=NBR (Nitrile Rubber)
V=FKM (Fluoroelastomer)

FEATURES

- Superior Quality
- High Mechanical Performance
- Unrivalled Precision
- Enhanced Chemical Resistance

AIGNEP



INDIRECT ACTING
2/2 WAY & 5/2 WAY
EXPLOSION-PROOF SOLENOID VALVES

AIGNEP valves are trusted components in the mining industry, where their robustness and reliability shine. These valves are crucial for controlling pneumatic systems in mining equipment, ensuring precise and safe movement. AIGNEP valves are also integrated into safety systems to regulate gas or fluid flow, enhancing safety in environments like underground mines and maintain

TECHNICAL SPECIFICATIONS

Product Code*	Pipe Size	Direction	Min. Pressure	Max Pressure
04C09125VHN	1" NPT	N.C	0.15 bar	16 bar
04C03110VHN	1/4" NPT	N.C	0.15 bar	16 bar
04C04114VHN	3/8" NPT	N.C	0.15 bar	16 bar
X4F04214N0C	3/8" BSP	N.O	0.15 bar	10 bar
01VS050005N	1/2" NPT	N.C	2 bar	10 bar
08VS050003N	1/4" NPT	N.C	2 bar	10 bar

MATERIAL

Body Material Brass - UNI EN 12165 CW617N
AISI 316 Stainless Steel

Available Seals T=PTFE (Polytetrafluorethylen)
V=FKM (Fluoroelastomer)

FEATURES

- Superior Quality
- High Mechanical Performance
- Unrivalled Precision
- Enhanced Chemical Resistance

CERTIFICATIONS



ELITE VALVE



DIRECT & INDIRECT ACTING
2/2 WAY
INDUSTRIAL GRADE VALVES

Elite Valves offers a wide range of valves that are trusted in various industries for their precision, durability, and performance. Their knife valves are designed for precision control in applications requiring reliable isolation. Gate valves from Elite Valves are known for their robust construction and ability to effectively control the flow of fluids. Meanwhile, their butterfly valves offer versatile and efficient flow control solutions. Elite Valves continues to be a top choice for those seeking dependable valve solutions.

CERTIFICATIONS



TECHNICAL SPECIFICATIONS

Product Code*	Pipe Size	Direction	Min. Pressure	Max Pressure
E5600	1/2" NPT	N.O	0.5 bar	10 bar
CLASS 150	3/4" NPT	N.O	0.5 bar	10 bar

MATERIAL

Body Material Cast 316SS & High Alloys 316 Stainless Steel

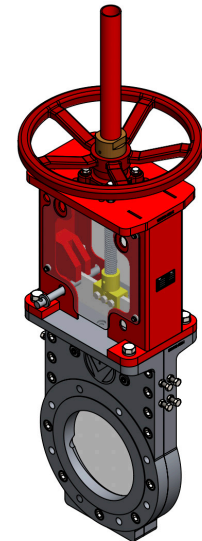
Pressure Rating Size 3" - 24" 285 Psi Shutoff, Carbon Steel Full Asme Rated Suitable For Dead-End Service.

Flange Drilling ANSI 150 Face -to-Face: TAPPI, & MSS-

Available Seals E=EPDM (Ethylene-Propylene)
V=FKM (Fluoroelastomer)

FEATURES

- Unmatched Quality
- Industrial Grade Performance
- Full Port Opening Allows Maximum Throughput
- Bidirectional Flow/Shutoff For Zero Downstream Leakage
- Canadian CRN Registered





138-13085 Yonge St. BLDG 19
Richmond Hill, ON L4E 0K2 Canada

Tel: 1-800-936-2819

Fax: 888-745-6559

E-mail: contact@hydronicsdepotinc.com

Web: www.hydronicsdepotinc.com

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