INDUSTRIAL SOURCING CATALOGUE

ABL Integrated Nigeria Ltd

Factory supplies, OEM specifications and indent procurement

BEARINGS · DRIVE · FLUID · SAFETY · HIRE

At ABL Integrated Nigeria Ltd, we aim to help your production lines improve uptime and equipment reliability and control operating costs, safely. We support mills, food processing and packaging plants, production factories, distilleries and breweries, and factories with OEM-specified and engineered equipment spares, equipment overhaul, electric motor rewind, project materials, equipment installation and commissioning, and equipment hire (trucks, forklifts, mobile cranes, generators and air compressors). Equipment overhaul, electric motor rewind, installation and commissioning are carried out by our in-house technical team; equipment hire is arranged through our partners. All services are subject to ABL's written quotation.

How We Work

- We source locally through established suppliers and distributors in Nigeria.
- We source internationally through our network of international supply partners.
- We have an experienced in-house technical team to support your needs.
- Tell us the OEM part/model number or machine type, duty/rating, and environment classification — we help identify a suitable part for your equipment, for your confirmation before ordering.
- Enquiries: contact@ablintegratednigeria.com · www.ablintegratednigeria.com

About This Volume

Prepared for reception, procurement and plant offices

This catalogue presents the wide range of production equipment spares ABL can source, including Original Equipment Manufacturer (OEM)-specified parts — bearings, electric motors, alternators, power-transmission belts, chain drive, industrial valves, air compressors, pumps, air and oil filters, Personal Protective Equipment (PPE), and office stationery.

What This Volume Covers

Family	Specifications	ABL category
Bearings	ISO designation, dimension, seals and clearance, rotational speed	Bearings & Housings
Electric Motors and Alternators	Power (hp), Speed (rpm), Duty Cycle, Voltage, Frequency, Phase, Efficiency Class, Frame Size, Number of Poles and Mounting, Enclosure Type, Hazardous Area Classification	Motors, Drives & Electrical
Power-Transmission Belts *(Classical V-Belt, Narrow V-Belt (Wedge), Metric V-Belt, Synchronous Belts)*	Belt Type, Design Power, Driven and Drive Speeds, Centre Distance, Pulley Sizes	Belts, Chains & Drives
Chain Drive	ANSI Standard (B29.1), ISO/British Standard (ISO 606), Design Power, Sprocket Sizes, Shaft RPM, Centre Distance, Lubrication System (Type A, B, and C)	Belts, Chains & Drives
Industrial Valves	Function, Operating Parameters (fluid, pressure, temperature, flow rate, actuation method), Materials and Connection Types (body material, trim materials, end connection)	Valves, Pipes & Fittings
Compressor and Pump	Type (dynamic and positive displacement), Volumetric Flow Rate, Pressure Profile (suction and discharge pressure), Fluid Type and Properties	Rotating Equipment
Air and Oil Filters	Filter Media Type, Sizing, Efficiency Ratings, Connection Interface	Filters & Seals
Safety Items / PPE	Helmet, Steel-Toe Footwear, Safety Glasses, Ear Plugs and Ear Muffs, Gloves, Face Shield, FR Clothing	Safety & PPE
Equipment Hire	Special Tools, Forklifts, Mobile Cranes, Air Compressors, Generators and Trucks	Plant Equipment

Technical information is for general guidance only. Always confirm against the OEM's data sheet or a qualified engineer before ordering. Hazardous-area classification and the suitability of any item for a hazardous area must be confirmed by the customer or a qualified engineer.

Contents of This Volume

01 Bearings 5

02 Electric Motors and Alternators 8

03 Power-Transmission Belts 10

04 Chain Drive (Roller Chain) 13

05 Industrial Valves 14

06 Air Compressors and Pumps 16

07 Air and Oil Filters 18

08 Safety Items / PPE 19

09 Office Stationery 20

10 Equipment Hire 21

11 Spare Inventory Management and Optimisation Services 22

12 How to Order 23

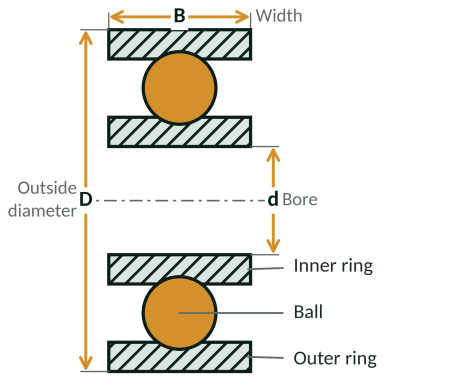
ENQUIRIES

contact@ablintegratednigeria.com

www.ablintegratednigeria.com

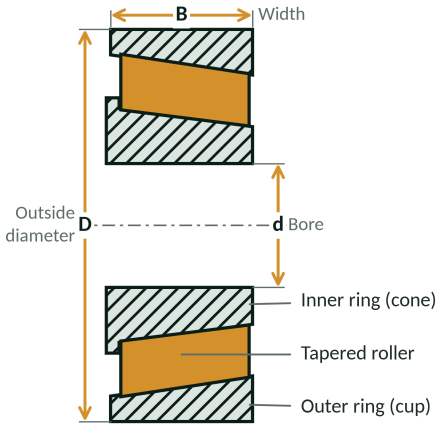
01 Bearings

A clear bearing enquiry gives the full designation (or a photo of the stamp), the duty, and any constraints so the correct bearing can be quoted without guesswork.



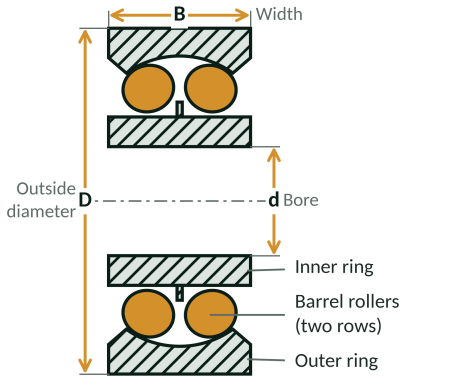
Section through the bearing axis (schematic, not to scale)

Deep Groove Ball Bearing



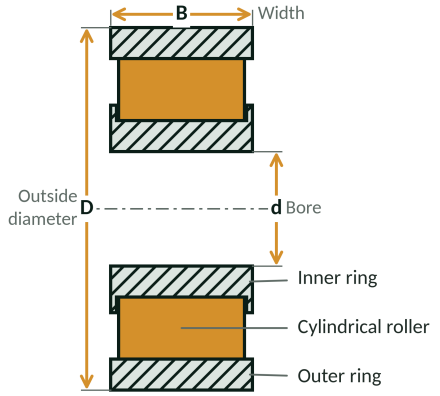
Section through the bearing axis (schematic, not to scale)

Tapered Roller Bearing



Section through the bearing axis (schematic, not to scale)

Spherical Roller Bearing



Section through the bearing axis (schematic, not to scale)

Cylindrical Roller Bearing

Illustrations: ABL Integrated Nigeria Ltd

Rolling Element Bearing Selection

If the dominant need is	First choice	Also consider
High speed, moderate radial, some axial	Deep groove ball	Angular contact, paired
Combined radial and one-way axial	Angular contact ball	Tapered roller
Shaft deflection or housing misalignment	Spherical roller	Self-aligning ball
Very high radial, limited axial	Cylindrical roller NU / NJ	Needle roller
High radial and high axial, adjustable	Tapered roller	Angular contact pair
Very compact radial section	Needle roller	Thin-section 68 / 69
Pure axial load	Thrust ball or roller	Angular contact 40°
Dirty, wet or poorly aligned drive	Spherical + plummer block	Sealed DGBB or Y-unit

ISO Designation

A typical designation has three main parts:

1. **Type / series code** (prefix or leading digits) — identifies the bearing family and series.
2. **Size code** — related to the bore diameter (and, with the series, defines the outside diameter and width according to ISO boundary dimensions).
3. **Suffixes** — describe seals, shields, clearance, cage, bore taper, precision class, etc.

Common Series and Type Codes

Series / Prefix	Bearing type	Typical use
60, 62, 63	Deep-groove ball	General purpose, high speed
72, 73	Angular-contact ball	Combined radial + axial loads
32	Double-row angular contact	Combined loads, compact
NU, NJ, NUP	Cylindrical roller	High radial load; NU floats, NJ locates one way, NUP locates both
302, 303, 322, 323	Tapered roller	High radial + axial, adjustable
213, 222, 223	Spherical roller	Misalignment, heavy radial
511, 512	Thrust ball	Pure axial load
292, 293, 294	Spherical roller thrust	High axial + some radial
HK, NK	Needle roller	Very compact radial section

Bore Size Code (Common Rule of Thumb)

- Codes 04 and above: bore (mm) ≈ code × 5 (e.g. 05 → 25 mm, 08 → 40 mm, 10 → 50 mm).
- Smaller codes (00–03) have special bore sizes.

Common Suffixes (Features)

Feature	Common letters	Meaning
Contact seals both sides	2RS, 2RSR, DDU	Contact seals; better sealing, lower speed
Shields both sides	2Z, ZZ	Non-contact metal shields
One seal + one shield	RSZ, DUZ	Mixed
Increased clearance	C3	Common on motors and hot housings
Greater clearance	C4	Higher temperature or large differentials
Glass-fibre cage	TN, TVP, T	Light, high-speed capable
Machined brass cage	M, MA, MP	Higher strength / temperature
Tapered bore 1:12	K	For adapter sleeve mounting
Tapered bore 1:30	K30	Steeper taper
Adapter sleeve	H 3xx	Used with tapered-bore spherical (e.g. 22216 + H 316)
Paired arrangement	DB, DF, DT	Back-to-back, face-to-face, tandem (angular contact)

Quick Reference Examples (From Typical Plant Use)

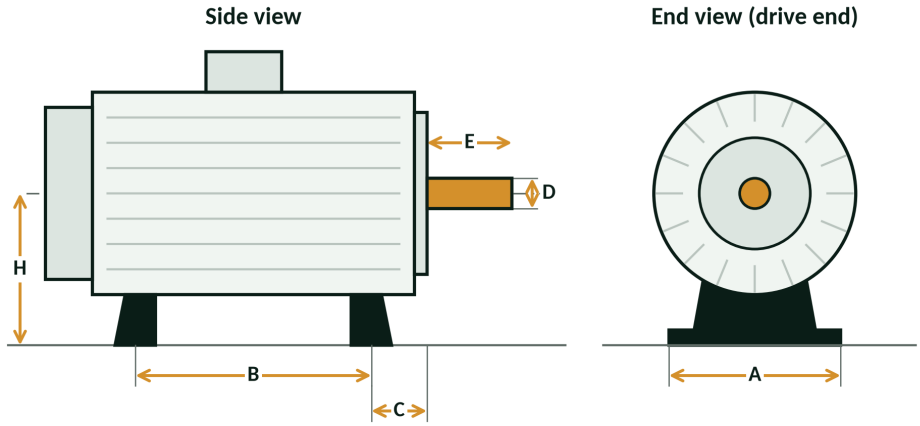
- 6205-2RS/C3 — 25 mm deep-groove ball, sealed, C3 clearance
- 22208 — 40 mm spherical roller
- 30208 — 40 mm tapered roller (cup + cone)

Minimum Information Required in the Quotation

Item	What to state	Why it matters
Full designation	e.g. 6205-2RS/C3, 22208, 30208, NU 308	Identifies type, size, seals and clearance
Bore / size	Shaft diameter or ISO size code	Confirms envelope
Type	Deep groove, spherical, tapered, angular contact, cylindrical, needle, thrust	Defines the bearing family
Seals / shields	2RS, 2Z, open, etc.	Affects sealing and speed
Clearance	C3, C4, or Normal	Critical for motors and temperature
Quantity	Number required	—
Constraint	Must-match manufacturer or substitute allowed	Protects warranty and critical applications
Duty / environment	Load, speed, temperature, contamination, washdown	Helps confirm suitability

02 Electric Motors and Alternators

A clear motor enquiry gives the supplier everything needed to quote the correct machine (or a substitute acceptable to you) without guesswork. Use the nameplate as the primary source and add duty and constraint information.



H shaft height (floor to shaft centre) D shaft diameter E shaft extension length
A foot spacing across B foot spacing along C shaft shoulder to nearest foot holes

Illustration: ABL Integrated Nigeria Ltd

Minimum Information Required in the Quotation

Item	What to state	Why it matters
Output	kW (or hp)	Defines the power rating
Speed / poles	Poles (2, 4, 6, 8…) and/or rated r/min	A 5.5 kW 2-pole is not a 5.5 kW 4-pole
Voltage & frequency	e.g. 400/415 V 50 Hz (confirm your site supply) or 400 V Δ / 690 V Y	Determines the winding
Efficiency class	IE2, IE3, IE4 (or IE5)	IE3 is the usual plant default; higher classes cost more
Mounting	B3 (foot), B5 (flange), B35 (foot + flange), or V1 (vertical)	Affects frame and flange drilling
Frame size	IEC frame if known (e.g. 132, 160)	Useful but not sufficient alone
Enclosure	TEFC, IP55, IC411, Class F rise B (typical industrial)	Confirms protection and cooling
Nameplate photo or product code	Full maker code from the plate	Prevents wrong series or special features

Electric Motors — Types

TEFC, process, hazardous area, brake and VSD

Common IEC Frames

IEC frame	Typical kW, 4-pole	Shaft Ø mm	Usual plant duty
80 / 90	0.55 – 1.5	19 / 24	Small fan, dosing, light conveyor
100 / 112	2.2 – 4	28	Pump, mixer, packaging line
132	5.5 – 7.5	38	Workhorse plant motor
160 / 180	11 – 22	42 / 48	Compressor, large fan, mill auxiliary
200 / 225	30 – 45	55 / 60	Process pump, large fan
250 / 280 / 315	55 – 132	65 / 75 / 80	Main process — IE4 retrofit zone

Hazardous-area (Ex) motors are supplied only with the manufacturer's Ex certification for the zone and gas or dust group you specify. ABL does not certify hazardous-area equipment.

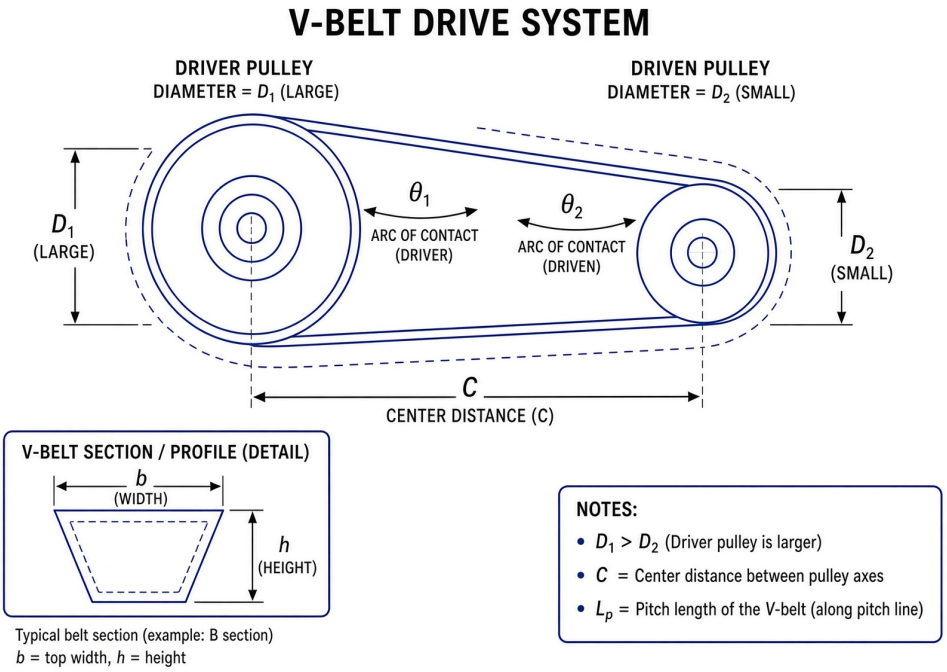
Common NEMA Frames

NEMA frame	Typical HP (4-pole, 1800 r/min)	Shaft diameter (approx.)	Typical applications
48 / 56	0.25 – 1	0.5 – 0.625 in	Small fans, pumps, conveyors, appliances, light machinery
143T / 145T	1 – 2	0.875 in	Small pumps, fans, compressors, packaging equipment
182T / 184T	3 – 5	1.125 in	Pumps, blowers, conveyors, machine tools, light process equipment
213T / 215T	7.5 – 10	1.375 in	Industrial pumps, fans, compressors, mixers, general plant drives
254T / 256T	15 – 20	1.625 in	Larger pumps, compressors, conveyors, HVAC, process machinery
284T / 286T	25 – 30	1.875 in	Heavy conveyors, large fans, compressors, industrial process equipment
324T / 326T	40 – 50	2.125 in	Large pumps, compressors, mills, heavy conveyors, process drives
364T / 365T	60 – 75	2.375 in	Heavy industrial process, large fans, pumps, crushers, mills
404T / 405T	100	2.875 in	Large process pumps, compressors, main drives, heavy machinery
444T / 445T	125 – 150	3.375 in	High-power process equipment, large compressors, industrial mills
447T / 449T	200	3.375 – 3.625 in	Very large process drives, heavy industrial applications

03 Power-Transmission Belts

Section and pitch length before maker

A clear belt enquiry gives the supplier the section, length and construction so the correct belt (or matched set) can be quoted without guesswork. Always measure the belt itself rather than relying on marks written on the pulley guard.



Key Dimensional Definitions (As Shown in the Schematic)

Symbol	Meaning	Reference
C	Centre distance between pulley shafts	ISO 5292, RMA IP-20/IP-22
D1, D2	Pitch diameters of driver and driven pulleys	ISO 5292
Lp	Belt pitch length (measured along the pitch line)	ISO 1081, ISO 4184
θ1, θ2	Arc of contact on each pulley	ISO 5292 (affects power capacity)
b, h	Belt section width and height	ISO 4184, RMA IP-20/IP-22

Primary Standards

- **ISO 1081** — Vocabulary for V-belts and V-ribbed belts (defines pitch length, effective length, and related terms).

Term	Symbol (common)	Definition / Meaning
Pitch length	Lp or Lw	Length of the belt measured along the pitch line (the neutral axis of the belt). Preferred length designation for metric wedge belts (SPZ, SPA, SPB, SPC).
Effective length	Le	Length measured along the effective diameter of the pulleys. Used mainly with classical V-belts in some systems.
Outside length	Lo	Length measured along the outside circumference of the belt.
Inside length	Li	Length measured along the inside circumference of the belt.
Pitch diameter	dp or D	Diameter of the pulley measured at the pitch line of the belt.
Effective diameter	de	Diameter of the pulley at the effective line of the belt.
Centre distance	C	Distance between the axes of the driver and driven pulleys.
Arc of contact	θ	Angle (in degrees or radians) through which the belt contacts a pulley. Affects power transmission capacity.
Belt section	—	The cross-sectional profile of the belt (e.g. SPZ, SPA, SPB, SPC, A, B, C).
Top width	b	Width of the belt measured at the top of the V-section.
Height	h	Radial height of the belt section.
Pitch line	—	The neutral axis of the belt (line that does not change length when the belt bends).
Datum length	—	Older term sometimes used interchangeably with pitch length in certain classical belt systems.
Matched set	—	A group of belts of the same section and length supplied together for multi-strand drives so that they share the load equally.
Banded belt	—	Multiple V-belts joined by a common band (also called joined or multi-strand). Must be replaced as a complete set.
Raw-edge cogged belt	—	Belt with moulded cogs on the inner surface and cut (raw) side edges. Higher flexibility and power capacity than wrapped belts of the same section.
Wrapped belt	—	Belt with a fabric cover over the entire outer surface. Standard construction for many industrial V-belts.

- **ISO 4184** — Classical and narrow V-belts (dimensions of belt sections and length designations).

Narrow (Metric Wedge) V-Belts — SPZ, SPA, SPB, SPC

Section	Top width b (mm)	Height h (mm)	Pitch length designation	Typical use
SPZ	9.7	8	SPZ xxx Lw	Light drives, small pulleys
SPA	12.7	10	SPA xxx Lw	Medium-light industrial drives
SPB	16.3	13	SPB xxx Lw	Most common plant workhorse
SPC	22	18	SPC xxx Lw	Heavy industrial drives

- Length is designated as **pitch length** (Lp or Lw) in millimetres.
- Example: **SPB 2500 Lw** = SPB section, 2500 mm pitch length.

Classical V-Belts — Z, A, B, C, D, E

Section	Top width b (mm)	Height h (mm)	Common length designation	Typical use
Z	10	6	Z xxx	Very light duty
A	13	8	A xxx	Light industrial / older machines
B	17	11	B xxx	General industrial (older equipment)
C	22	14	C xxx	Medium-heavy duty
D	32	19	D xxx	Heavy duty
E	38	25	E xxx	Very heavy duty

Classical belts are still found on older machinery. Metric wedge sections (SPZ–SPC) are preferred for new designs.

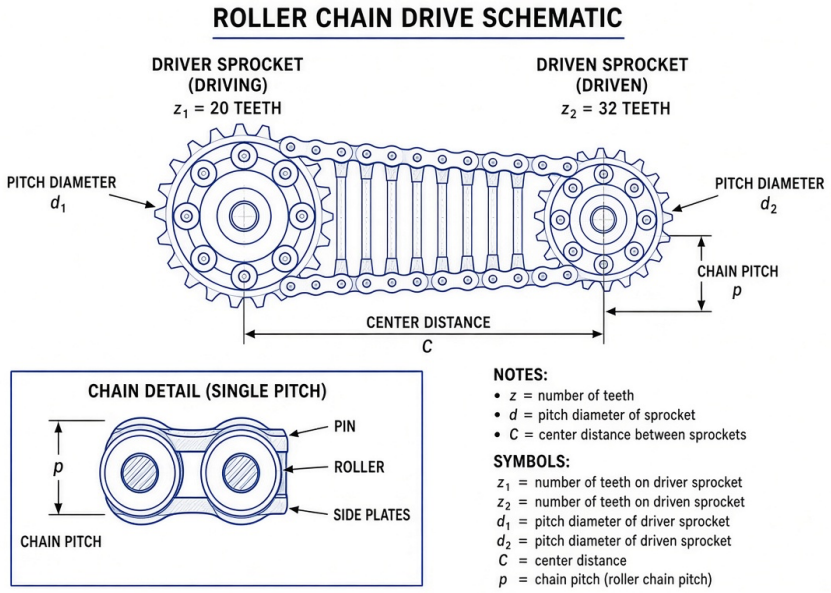
Minimum Information Required in the Quotation

Item	What to state	Why it matters
Section	SPZ, SPA, SPB, SPC, XPZ, or classical A/B/C	Defines the belt profile
Length	Pitch length in millimetres (Lw)	e.g. SPB 2500 Lw
Construction	Wrapped, raw-edge cogged, banded/joined	A cogged XPZ is not the same as a wrapped SPZ of the same length
Quantity / set	Single belt or number of strands in a banded set	Banded belts must be supplied as a matched set
Type	V-belt (wedge or classical) or timing belt	Timing belts need pitch, length and width

04 Chain Drive (Roller Chain)

BS or ANSI size, pitches and links before maker

A clear roller-chain enquiry must state the size standard (BS or ANSI), the chain number, the number of pitches or length, and whether connecting links or half-links are required. BS and ANSI chains are not interchangeable by number alone.



Common BS and ANSI Sizes (Quick Reference)

BS size	Pitch mm	Nearest ANSI	Usual plant duty
08B-1	12.70	40	Packaging and small conveyor
10B-1	15.875	50	Light machine drive
12B-1	19.05	60	General machine drive
16B-1 / 16B-2	25.40	80 / 80-2	Plant workhorse
20B-1	31.75	100	Elevator and heavy conveyor
24B-1 / 32B-1	38.10 / 50.80	120 / 160	Mill and large fan

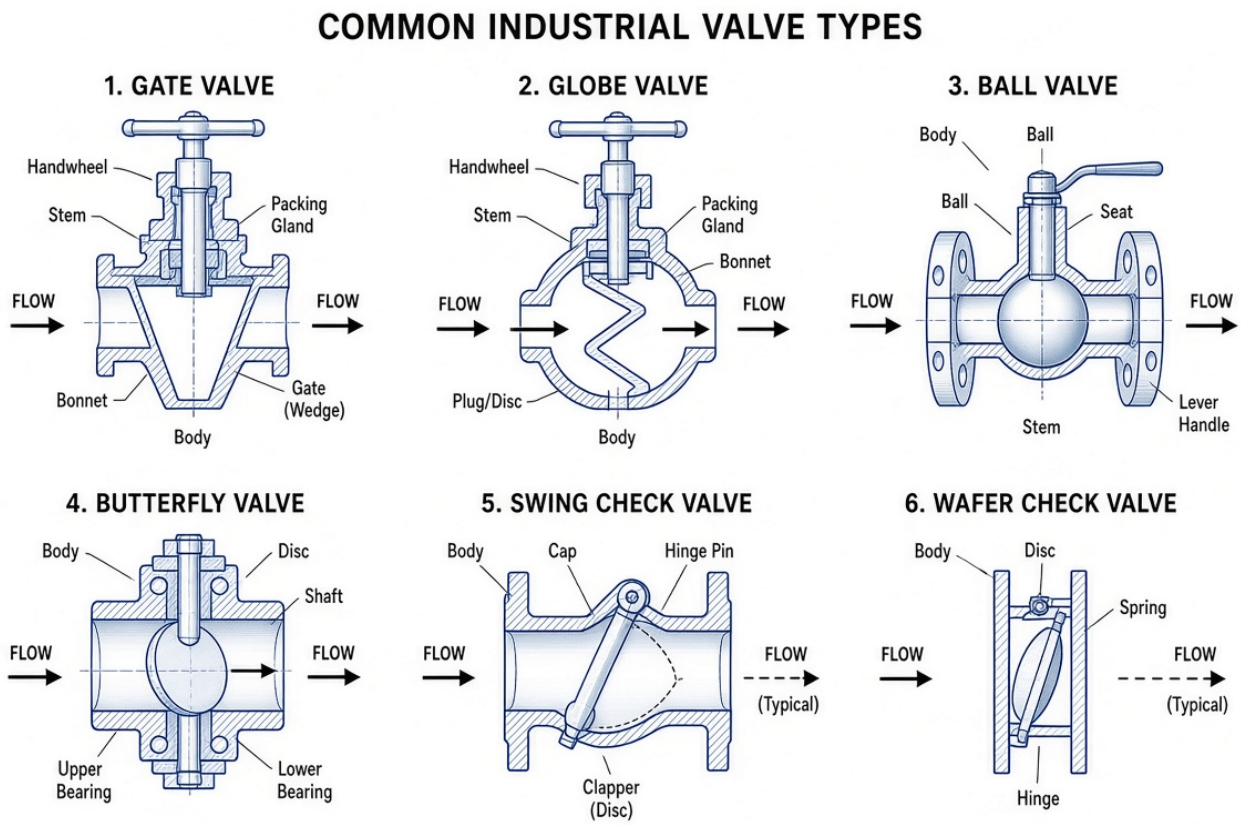
Minimum Information Required in the Quotation

Item	What to state	Why it matters
Standard	BS (ISO 606) or ANSI	The two systems use different numbering and are not interchangeable
Chain size	e.g. 12B-1, 16B-1, 40, 50, 60, 80	Defines pitch and strength
Strands	Simplex (-1), duplex (-2), triplex (-3)	Number of strands side by side
Length	Number of pitches, or total length in mm / links	Determines how much chain is needed
Connecting links	Standard connecting link, half-link, or offset link	Required for installation and adjustment
Quantity	Number of lengths or total metres	—

05 Industrial Valves

Function, size, rating, ends, body and trim

A clear valve enquiry must define the function, size, pressure class, end connection, materials, and service conditions. This allows a supplier to quote the correct valve (or a substitute acceptable to you) without ambiguity.



Minimum Information Required in the Quotation

Item	What to state	Why it matters
Function / type	Gate, globe, ball, butterfly, check, control, diaphragm, safety/relief	Defines the valve duty
Nominal size	DN (e.g. DN50, DN80, DN100) or NPS	Determines the bore
Pressure class	PN16, PN40, Class 150, Class 300, etc.	Sets the pressure rating and flange facing
End connection	Flanged, wafer, lugged, threaded, butt-weld, socket-weld	Affects installation and facing
Body material	Cast iron, ductile iron, carbon steel, stainless steel (e.g. CF8M), etc.	Matches fluid and temperature
Trim / seat / liner	Disc, seat, liner material (EPDM, PTFE, metal, etc.)	Critical for sealing and fluid compatibility
Actuator	Lever, gear, pneumatic, electric, or bare stem	Determines how the valve is operated
Fluid & conditions	Fluid, temperature, pressure, and any special requirements	Confirms suitability

Common Specification Examples

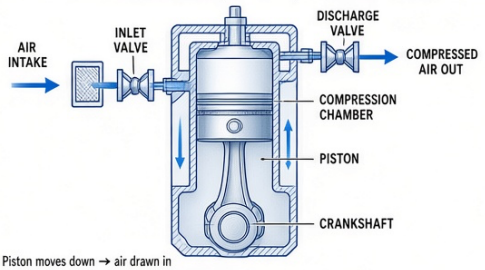
Plant request	Write on the enquiry
DN80 PN16 wafer butterfly	PN16 DN80 wafer butterfly, body, disc, liner, lever, fluid
DN50 globe control	DN50 globe control, PN or Class, trim, actuator, fluid and temperature
DN25 Class 150 ball	DN25 Class 150 flanged or threaded ball, body, seats, lever or gear
DN100 gate PN16	DN100 PN16 gate, ends, body and trim
DN80 swing check PN16	DN80 PN16 swing check, ends and body

06 Air Compressors and Pumps

Quote the machine model on the nameplate, as a kit

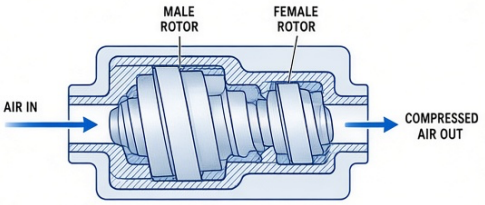
A clear enquiry for compressors or pumps must define the duty, capacity, pressure, fluid, and drive arrangement so the correct machine (or an equivalent acceptable to you) can be quoted.

1. RECIPROCATING (PISTON) COMPRESSOR



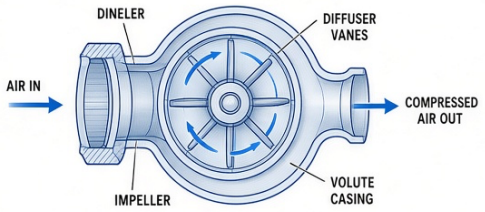
Piston moves down → air drawn in
Piston moves up → air compressed and discharged.

2. ROTARY SCREW COMPRESSOR



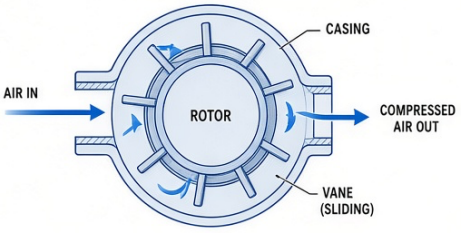
Air is trapped in pockets between the rotors and casing and compressed as it moves toward the discharge end.

3. CENTRIFUGAL COMPRESSOR



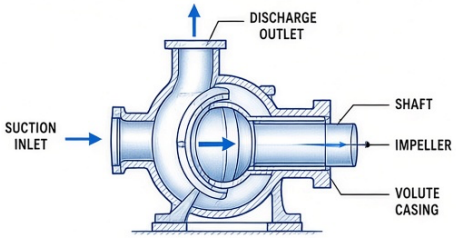
Air is drawn in axially, accelerated radially by the impeller, diffused to increase pressure, and discharged through the volute.

4. ROTARY VANE COMPRESSOR



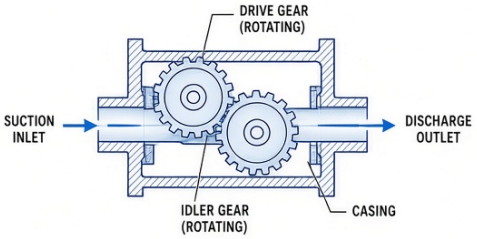
Air is drawn in at the inlet, trapped between vanes, compressed as the chambers decrease in volume, and discharged at higher pressure.

1. CENTRIFUGAL PUMP (END-SUCTION)



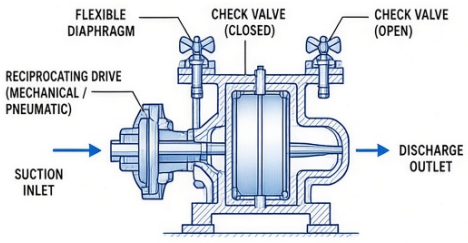
Fluid enters the impeller axially and is accelerated radially by centrifugal force into the volute casing.

2. GEAR PUMP



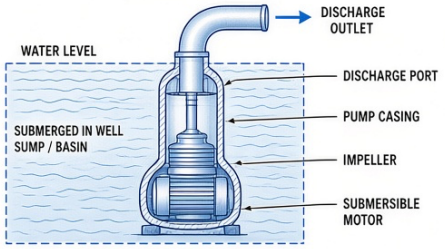
Fluid is trapped between gear teeth and the casing and is transferred from suction to discharge.

3. DIAPHRAGM PUMP



Diaphragm flexes to create suction and discharge strokes. Check valves control flow direction.

4. SUBMERSIBLE PUMP



Pump is submerged in the fluid. Impeller draws fluid in and discharges it through the outlet.

Minimum Information Required in the Quotation

Air Compressors

Item	What to state	Why it matters
Type	Reciprocating, rotary screw, centrifugal, vane, etc.	Defines the machine family
Capacity	Free air delivery (FAD) in m^3/min, cfm, or l/s	Primary sizing parameter
Pressure	Working pressure (bar or psi)	Determines stage and construction
Drive	Electric motor (state kW, voltage, poles) or engine	Affects package and power supply
Cooling	Air-cooled or water-cooled	Affects installation
Duty	Continuous or intermittent; ambient temperature	Influences sizing and cooling
Special requirements	Oil-free, variable speed, receiver size, dryer, filters	Affects scope of supply

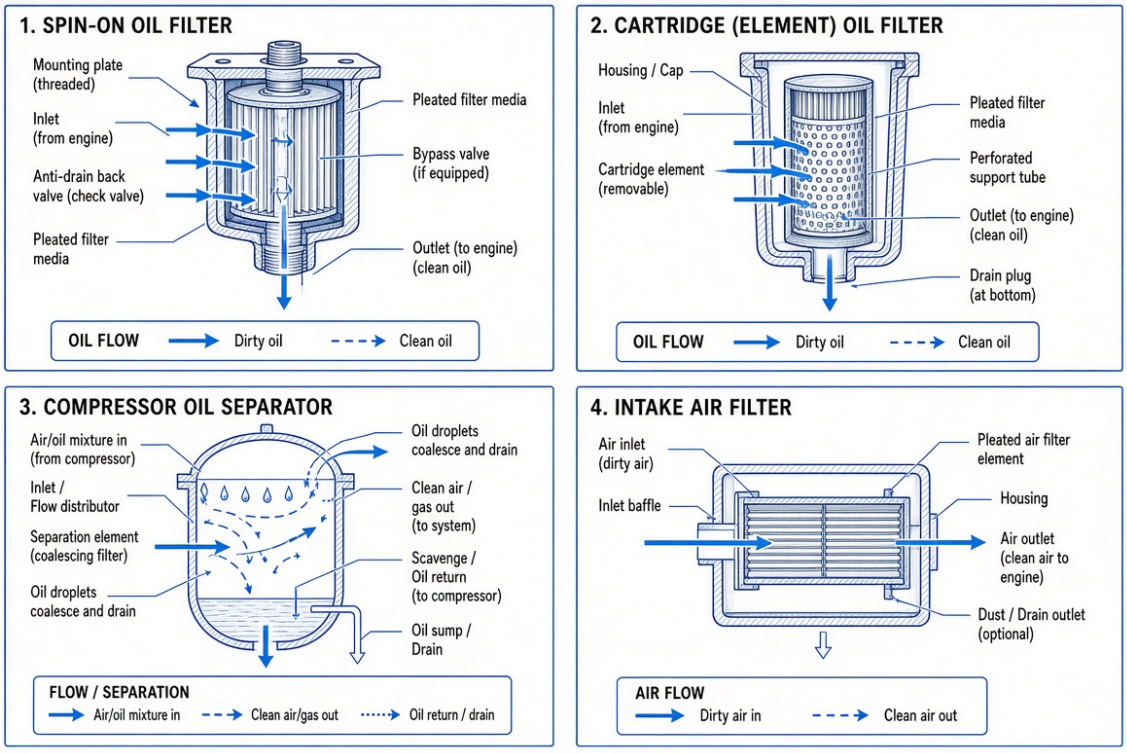
Pumps

Item	What to state	Why it matters
Type	Centrifugal, positive displacement, submersible, gear, diaphragm, etc.	Defines the pump family
Flow rate	m^3/h, l/s, or gpm	Primary capacity
Head / pressure	Total head (m) or discharge pressure (bar)	Determines impeller and power
Fluid	Water, oil, chemical, slurry, temperature, viscosity, solids content	Critical for materials and seal
Suction conditions	Flooded or suction lift; NPSH available if known	Affects selection and cavitation risk
Drive	Electric motor (kW, voltage, poles, mounting) or other	Power and installation
Materials	Casing, impeller, shaft, seal type	Matches fluid and temperature
Duty	Continuous or intermittent	Influences sizing and motor

07 Air and Oil Filters

Oil filter, separator, intake and fluid as one kit

A clear filter enquiry identifies the machine and the exact filter function so the correct element (or complete service kit) can be quoted. For compressors, filters are normally supplied as a kit against the machine model.



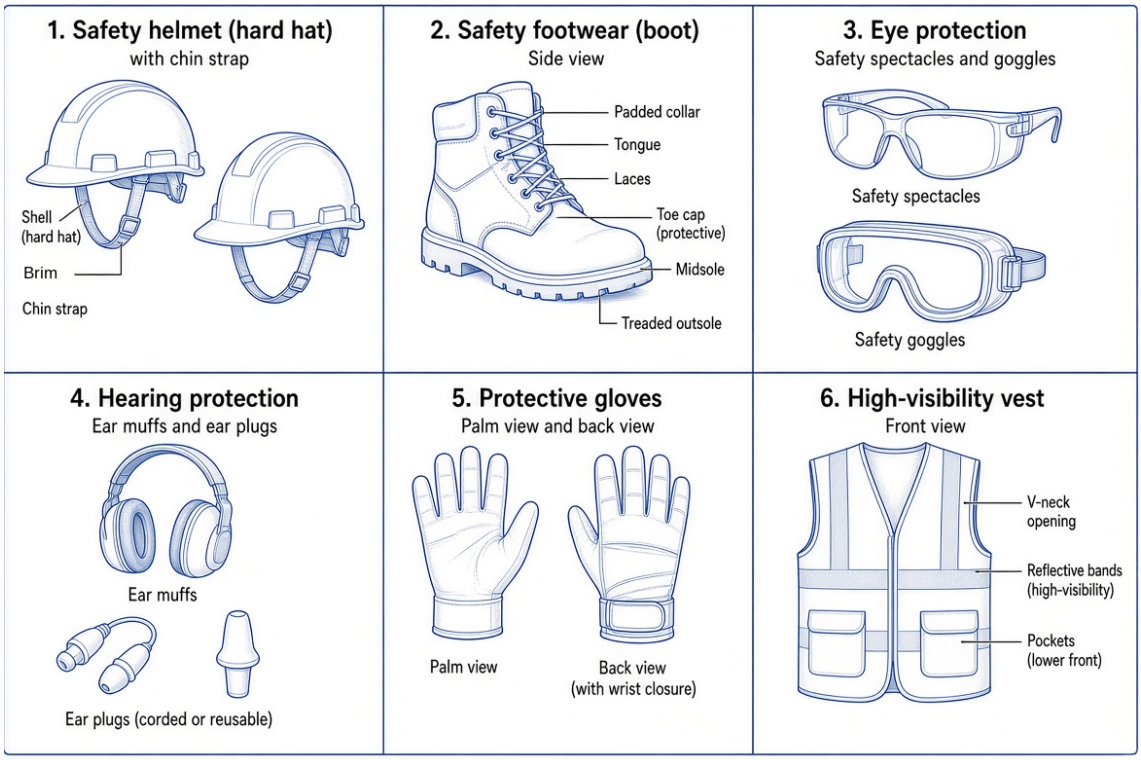
Minimum Information Required in the Quotation

Item	What to state	Why it matters
Machine type & model	Compressor, hydraulic unit, engine, gearbox, etc. + full model from the nameplate	Kits and elements are model-specific
Filter function	Oil filter, oil separator, intake/air filter, fuel filter, hydraulic return filter	Defines which element is required
Part number	OEM or aftermarket number if known (from canister or manual)	Fastest way to identify the correct item
Photo	Clear photo of the installed filter and the machine nameplate	Confirms spin-on vs cartridge and exact model
Quantity	Number of filters or complete kits	—
Service interval / site	Hours, dusty environment, warranty status	Affects recommendation and kit content

08 Safety Items / PPE

Helmet, footwear, eye, hearing, gloves and high-visibility wear

A clear PPE enquiry states the item, the applicable standard, the size or fit, and the working environment. PPE is supplied to the standard named by the customer's site HSE and is not substituted without instruction. The customer's HSE officer or a qualified person confirms that each item is suitable and compliant for the task.



Minimum Information Required in the Quotation

Item	Usual standard	What to specify
Safety helmet / hard hat	EN 397	Colour, chin-strap, size/adjustment
Safety footwear	EN ISO 20345 (S1P / S3)	Shoe or boot, toe type, size, male/female
Eye protection	EN 166	Spectacles or goggles, clear or tinted
Hearing protection	EN 352	Ear-plug or ear-muff, SNR if specified
Gloves	EN 388 (mechanical)	Cut, chemical, heat or general; size and duty
High-visibility wear	EN ISO 20471	Class 2 or 3, vest or jacket, size
Respirator / dust mask	Site contaminant rule	Disposable or reusable, filter type
Fall-arrest harness	EN 361	Size, whether a lanyard is included
Coverall / workwear	Site rule	Size, fabric, food-area colour if required

ABL supplies PPE only with the manufacturer's declaration of conformity or test certificate for the stated standard, and, for imported items, SONCAP documentation where required. If these are not available, we will tell you before you order. ABL does not certify PPE. Selection, fit and compliance with site and regulatory requirements remain the responsibility of the customer's HSE function.

09 Office Stationery

Paper, filing, writing, printing and desk supplies

A clear stationery enquiry states the item, the size or specification, any brand preference, the quantity and the delivery location. Common office supplies that can be sourced include:

- A4 copier paper
- Files and folders
- Pens and markers
- Notebooks
- Staplers and staples
- Envelopes
- Printer toner and ink cartridges (by printer model)
- Desk organisers
- Cleaning consumables

Minimum Information Required in the Quotation

Item	What to state	Why it matters
Product	e.g. A4 copier paper, box files, ballpoint pens, toner cartridge	Identifies the product to quote
Size / specification	e.g. paper size and weight (gsm), colour, printer model for toner or ink	Makes sure the correct item is supplied
Brand preference	Preferred brand, if any, or “no preference”	Shows whether alternatives can be offered
Quantity	Number of reams, boxes, packs or pieces	Determines the quotation
Delivery location	Office or site address and contact person	Allows delivery to be planned

Enquiries: contact@ablintegratednigeria.com

10 Equipment Hire

ABL Integrated Nigeria Ltd arranges heavy equipment hire through our partners to support plant operations, shutdowns, construction and project work.

Equipment that can be arranged includes:

- Forklifts of different capacities
- Mobile cranes
- Air compressors
- Generators
- Trucks

Hire can be arranged on a short-term or long-term basis, subject to availability and the terms stated in ABL's written quotation. Please contact us with your required capacity, duration, site location and duty so we can provide a suitable quotation.

Equipment is supplied with or without an operator, as stated in the quotation. Site conditions, lifting plans, permits and supervision are agreed in writing before hire.

> **Enquiries:** contact@ablintegratednigeria.com

11 Spare Inventory Management and Optimisation Services

ABL Integrated Nigeria Ltd has an experienced inventory team who can review your spare-parts usage against optimal stock levels.

The aim is to help ensure capital is not tied up in excess warehouse stock while critical materials remain available when needed.

Contact us to arrange a review of your current holdings and usage patterns.

Enquiries: contact@ablintegratednigeria.com

12 How to Order

When sending a Request for Quotation (RFQ), ensure it contains the information under the "**Minimum Information Required in the Quotation**" section of each of the listed item categories, and other relevant and important information such as, but not limited to:

Primary Equipment Identification

- Equipment / Part Name: e.g. Centrifugal Water Pump, Screw Air Compressor.
- Equipment or Part Manufacturer / Brand: e.g. SKF, Gates, Goulds Pumps, Atlas Copco (examples only).
- Equipment Model Number and Serial Number: This is the most crucial asset tracking detail.
- Technical Information: Relevant OEM technical specifications as contained in the nameplate or OEM manual.
- Internal Plant Tag / Asset ID (Optional): e.g. P-101B, COMP-02.

Specific Spare Part Details

- OEM Part Number: The exact alphanumeric code stamped on the part or found in the original manual.
- Detailed Description: Use technical modifiers.
- Quantity Required / Unit of Measure: State the precise unit of measure (e.g. 5 Pcs, 2 Sets, 3 Metres, Assembly).
- Criticality / Condition: Specify if you require OEM-specified or genuine parts (sourced on request, subject to availability and supplier documentation), or if equivalent/alternative brands are acceptable to save cost.

Commercial and Logistics Requirements

- Target Delivery Date: Specify if the request is an *urgent breakdown or routine stock replenishment*.
- Required Incoterms® 2020 rule: e.g. EXW (collection from the supplier), CIF (to the named port of destination), or DAP/DDP (delivery to your site).
- Delivery Address: The exact warehouse or site location.
- Quotation Deadline: The cut-off date and time for suppliers to submit their bids.
- Bid Validity Period: State the validity you need. The validity period in ABL's written quotation applies.

Technical Documentation Requirements

- Certificate of Conformance (CoC): Supplier or manufacturer documentation confirming that parts are new and as specified, where available.
- Material Test Reports (MTRs): Especially critical for high-pressure industrial valves or pipes.

> Send the RFQ to **contact@ablintegratednigeria.com**.

All brand names, trademarks and part numbers are the property of their respective rights holders and are used for identification purposes only. ABL Integrated Nigeria Ltd is an independent supplier and is not an authorised representative of, or affiliated with, any manufacturer.

ABL Integrated Nigeria Ltd

Factory supplies, OEM specifications and indent procurement

ENQUIRIES

contact@ablintegratednigeria.com

www.ablintegratednigeria.com

RC No. 9643744

Registered office: Office 111, Bethel Ultra Modern Plaza, 117 Shasha Road, Oremeta Bus Stop, Akowonjo, Lagos, Nigeria

BEARINGS · DRIVE · FLUID · SAFETY · HIRE

This catalogue is for information only and is not an offer. Prices, availability and specifications are subject to change without notice. All orders are subject to ABL Integrated Nigeria Ltd's written quotation. Technical data is general guidance only. Confirm against the manufacturer's data before ordering. Errors and omissions excepted (E&OE).

All brand names, trademarks and part numbers are the property of their respective rights holders and are used for identification purposes only. ABL Integrated Nigeria Ltd is an independent supplier and is not an authorised representative of, or affiliated with, any manufacturer.