

# XDK Series

## Air Compressor Motor

### Product advantages

- **High efficiency**  
Reaching above IE5 standard.
- **Low temperature rise**  
Oil-cooled design for effective cooling
- **High Reliability**  
Liquid Cooling & Potting for Harsh Environments.
- **High protection rating**  
IP65 rating ensures reliable performance in various harsh operating conditions.



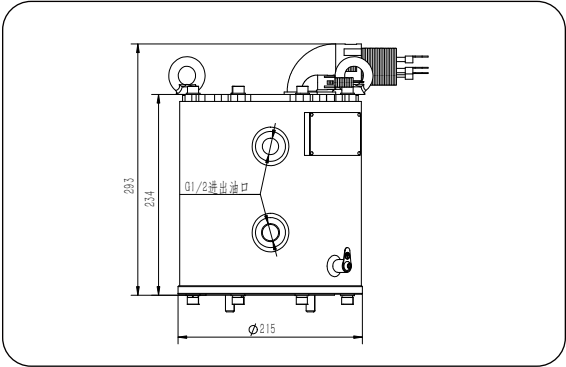
### Main Application Scenarios

- **Screw Air Compressors**  
This is currently the primary application field, especially for variable frequency screw compressors and IE4/IE5 efficiency class screw compressors.
- **Piston Air Compressors**  
Applied in situations requiring frequent start-stop cycles and high starting torque.
- **Centrifugal Air Compressors**  
High-speed permanent magnet motors are also beginning to be used in high-power centrifugal compressors.
- **High Energy Efficiency Requirements and Long Operating Hours**  
Such as factory air stations, textile, chemical, metallurgy, pharmaceutical, and other industries.

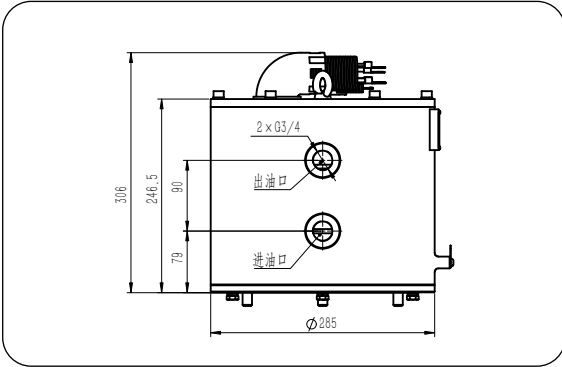
### Technical Data

Motor Type	Rated Power	Rated Speed	Efficiency	Rated Voltage	Current	Rated Frequency	Protection Rating
	kW	RPM	%	V	A	Hz	
XDK2-18C2443J3-WAX	11	4320	94.6	380	25.4	288	IP66
XDK2-18C2556J3-WAX	15	5655	94.0	380	33.0	377	IP66
XDK2-25C6532J3-WAX	22	3210	95.3	380	41.3	214	IP66
XDK2-25C1035K3-WAX	37	3525	95.7	380	69.3	235	IP66
XDK2-29C1527K3-WAX	45	2730	95.4	380	93.3	182	IP66
XDK2-36C2718K3-WAX	55	1895	96.7	380	114.2	126.3	IP66
XDK2-36C2725K3-WAX	75	2570	96.7	380	152.5	171.3	IP66

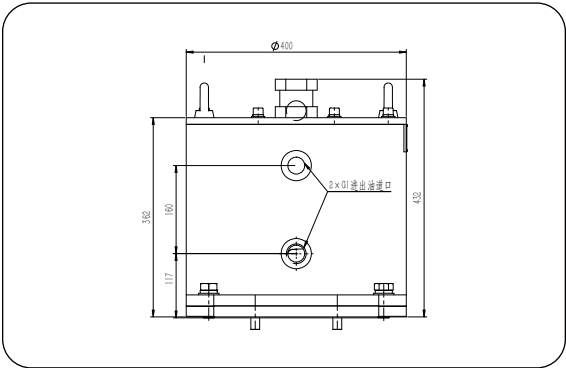
### Outline Drawing



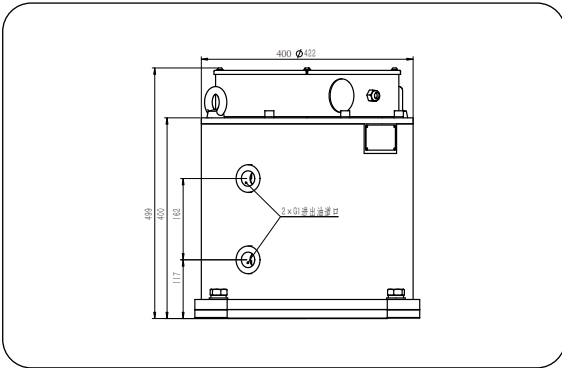
18 Frame



25 Frame



29 Frame



30 Frame