

ISOGate Valve & Cavex Hydrocyclone



WS knife gate valves



Isogate® MP CB



Isogate® MP OB



Isogate® AutoBall



Cavex Hydrocyclone

MODEL	:	WS knife gate valves	Isogate® MP CB,OB	Isogate® AutoBall	Cavex Hydrocyclone
Application	:	On/Off Isolation of low pressure slurry to 10 bar, Cyclone Feed, Flotation, Thickener, Underflow.	On/off or throttling control of slurry.	3 way Check valves for slurry dyties	Classification and separation
Pressure(Max.)	:	10.3 bar	10.3 bar	10.3 bar	0.25 bar
Temp(Max.)	:	120°C	100°C	120°C	80°C
Size	:	50 - 600 mm	15 - 600 mm	80 - 600 mm	40 - 1,200 mm
Material	:	Ductile iron	Mild Steel	Mild Steel	Metal rubber lined

Lightnin Mixers



MODEL : Portable and Fixed Mount
The Enhanced Classic Line (ECL) are fixed mount and portable mixers that offer the highest performance and quality, giving our customers an even stronger and more versatile product.



MODEL : A310/A510

Applications

- Varying tip chord angle allows for further optimization of mixer selection
- Maximizes flow generation while minimizing fluid shear
- The A310 is standard for all Lightnin gear drive portable mixers



MODEL : Series 10
Durable, versatile, cost-effective, the field proven series 10 unit was designed with minimal maintenance in mind. The largest taper roller bearings in a mixer of this class help produce a B10 life of 100,000 hrs. or greater, the integrated “drywell” and casing design eliminate the risk of oil leakage over the tank or into the product.



MODEL : A320/A315

Applications

- High efficiency wide bladed impeller design with high flow/power ratio
- Has also been successfully used for gas handling applications
- Operates at lower torque than a conventional radial flow impeller, thus reducing capital costs



MODEL : Series 70 / 80
The workhorse of the Lightnin mixer drive range with over 40,000 placed in service since its introduction in 1970, the 70 series mechanical design technology is the industry's most proven agitator drive technology.



MODEL : A130

Applications

- Half pipe shaped blades improves gas handling over R100 impeller while reducing torque requirements by up to 40%
- Radial design provides shear to achieve good contacting for liquid-liquid and gas-liquid dispersions and emulsions