

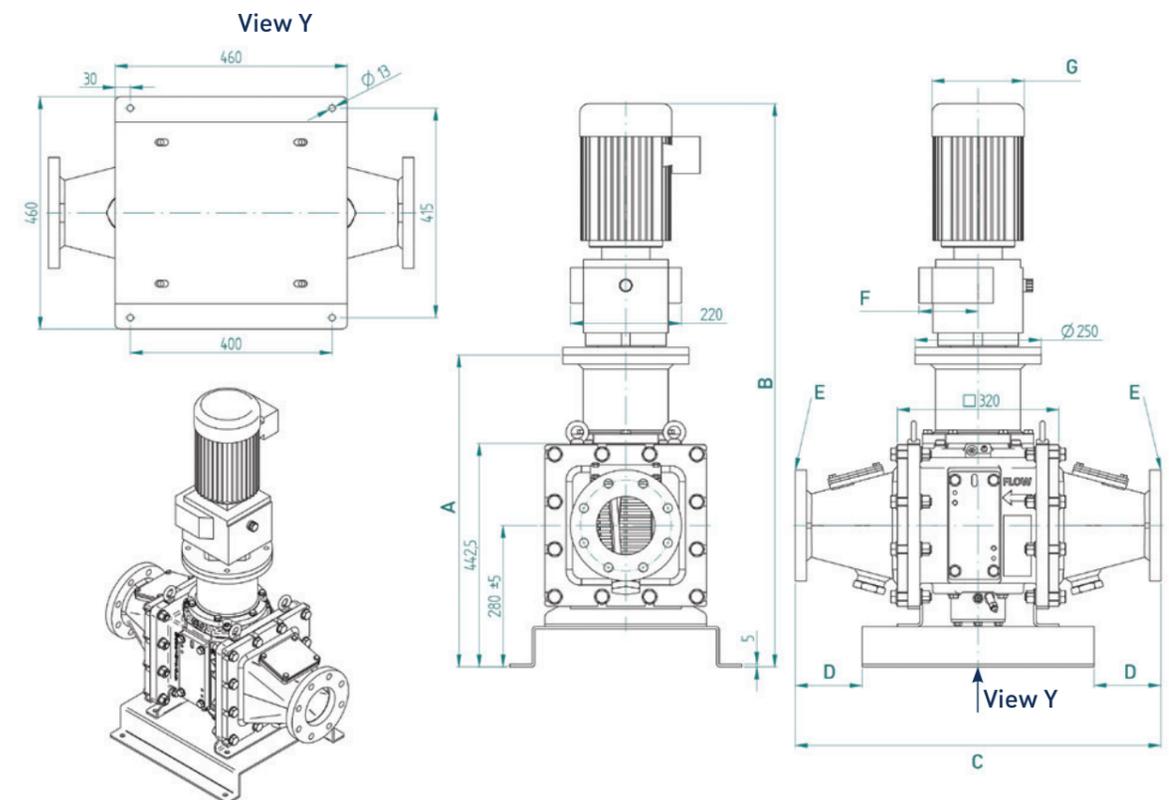


PCM X-GUARD

► PROTECT YOUR
DOWNSTREAM EQUIPMENT
AND INVESTMENTS

www.pcm.eu

CONSTRUCTION



	Capacity	A	B	C	D	E	F	G
PCM X-Guard 1.5 kW	up to 15 l/sec (54m ³ /h)	617.5 mm	1 115 mm (+/- 5)	724 mm (+/- 5)	132 mm	DN100/DIN2501/PN16	117.1 mm	Ø 183 mm
PCM X-Guard 2.2 kW	up to 20 l/sec (72m ³ /h)	617.5 mm	1166.1 mm	724 mm (+/- 5)	132 mm	DN100/DIN2501/PN16	117.1 mm	Ø 183 mm
PCM X-Guard 3 kW	up to 40 l/sec (144m ³ /h)	617.5 mm	1166.1 mm	724 mm (+/- 5)	132 mm	DN150/DIN2501/PN16	117.1 mm	Ø 183 mm
PCM X-Guard 4 kW	up to 65 l/sec (234m ³ /h)	637.5 mm	1258 mm (+/- 5)	732 mm (+/- 5)	136 mm	DN200/DIN2501/PN16	144 mm	Ø 218 mm

PCM X-GUARD

THE NEW ULTIMATE IN-LINE GRINDER TO SHRED SOLID PIECES IN FLUIDS BEFORE THEY CAN DAMAGE YOUR DOWNSTREAM EQUIPMENT

The PCM X-Guard in-line grinder reduces tough wastewater solids to fine particles. It grinds and shreds rags, pieces of wood, plastics, or any other solid or semi-solid pieces that could otherwise clog valves, damage pumps or any other downstream treatment equipment.

PCM X-Guard prevents from costly damages, time consuming repairs, or unplanned maintenance operations. Furthermore, PCM X-Guard can contribute to a better performance of the sludge treatment or dewatering equipment in helping to better precondition the sludge.

ADVANTAGES

Particles reduced to 5-6 mm

- High torque / low speed
- Heat treated steel cutters

Simple maintenance

- Single shaft design
- Cutters cartridge design
- Slide inspection hatch

Multi-brand drive mounting

- Bearing drive mounting with elastic coupling

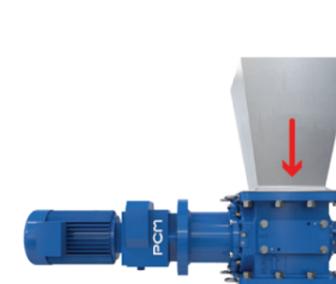
Low impact on hydraulics

- Less than 0.5 bar head loss

- Option:**
- Anti-clogging autoreverse control through control panel and automation
 - 190 mm square entry



VERSATILE CONFIGURATIONS



Hopper installation



In-line installation



INDUSTRIES AND APPLICATIONS



› WASTE WATERS

Alternative to two stage screening, pump stations, septage receiving, grease receiving, primary scum, primary secondary sludge, RAS (Return Activated Sludge), WAS (Waste Activated Sludge), dewatering equipment protection, heat exchanger protection, pump protection



› COMMUNITIES

Waste water processing



› MINING

Clothes, rags, stones



› AGRICULTURE

Food destruction, preconditioning organic waste for composting, manure processing



› FRUITS & VEGETABLES WASTES

Long fibers, pulps, stones



› MEAT & FISH WASTES

Animal wastes, bones, long fibers, pulps