

**OERTZEN®***... for a cleaner world* ☀

# E 240 Ex

## Coldwater explosion proof high-pressure cleaner

**Technical data**

Standard voltage

Electric consumption

Amperage

Protection class

Water consumption

Working pressure

Dimensions (LxWxH mm)

Weight

Order No.

E 240 Ex

400V/ 3~50/60 Hz

8,1 kW

16 A

Ex II 2G T3

23 l/min

210 bar

820 x 700 x 800

120 kg

10.000.329

**Standard equipment**

10 m high-pressure hose (500 bar, blue) with hose swivel connector, servo spray gun, insulated handle and spray wand with HIP flat spray nozzle. 5 m electric cable without plug.

**Special models**

INOX version

Order No.

E 240 Ex-VA

10.000.699

Models up to 450 bar, special voltage and Ex II 2G T4 on demand.

# The Power of Water OERTZEN E Series

A productive tool beyond comparison - that's what E Series are presenting to their users.

High-pressure water proves its efficiency in many jobs of surface treatment. This may be de-rusting, removal of paint, high-pressure cleaning or drain cleaning and unclogging.

Five power classes from 160 to 500 bar guarantee perfect adaption of the machine to the required job.

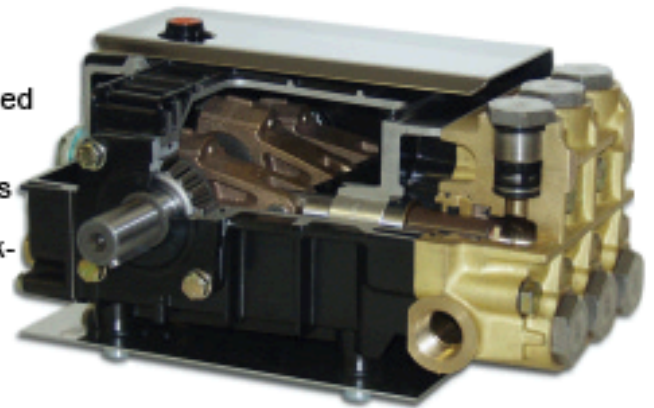
A high value was set on extreme durability and reliability. This was achieved by high reserves for all components in construction process.

Electric motors are designed for 100 % continuous operation. High-pressure water inline plunger pumps are equipped with splash-oil lubricated, forged crankshafts, wear-free ceramic plungers, forged brass cylinder heads and stainless steel valves.

Motor and pump are directly flanged to ensure perfect alignment and maintenance-free operation - with just one oil change every year.

A thermostatic relief valve protects each machine's pump against overheating if unit is run at closed spray gun for a longer time.

Operating is very easy and the



Cut-away-view of a typical inline plunger high-pressure pump

layout of machine is very robust - it is designed for rough handling in construction and contracting.

The attached CE sign ensures that all machines of E Series comply with national and European safety regulations.

Technical Data	E 200-16/-23	E 240	E 320	E 334	E 400	E 500-17
Water consumption (adjustable)	1.000/1.380 l/h	1.380 l/h	1.320 l/h	2.000 l/h	1.320 l/h	1.020 l/h
Unloading pressure	180/250 bar	250 bar	330 bar	230 bar	405 bar	550 bar
Working pressure (adjustable)	160/230 bar	230 bar	310 bar	210 bar	385 bar	500 bar
Hydrodyn. capacity (l/min x bar)	3.450/3.680 HDE	5.290 HDE	6.820 HDE	6.650 HDE	8.470 HDE	8.500 HDE
Standard voltage (50 Hz)	3-400V	3-400V	3-400V	3-400V	3-400V	3-400V
Electric power	7,5 HP/6,5 kW	10 HP/8,9 kW	15 HP/12,5 kW	15 HP/12,5 kW	22,5 HP/16,6 kW	20 HP/15 kW
Pump rpm	1.420 1/min	1.420 1/min	1.420 1/min	1.420 1/min	1.420 1/min	1.420 1/min
Amperage	14 A	16 A	22 A	24 A	30 A	25 A
Suction height	1/2 m	2 m	-	-	-	-
Water fault cut-out	-	-	serial	-	serial	serial
Dimensions (LxWxH mm)	630x540x630	700x600x720	700x600x720	780x690x800	800x600x745	800x600x800
Weight (net)	77 kg	96 kg	112 kg	146 kg	153 kg	159 kg
Order-No.	10.000.201/200	10.000.328	10.000.304	10.000.334	10.000.238	10.000.517

Technical data are subject to alterations without notice.

Serial equipment: 10 m PANZERJET safety high-pressure hose (500 bar), hose swivel, insulated spray gun, double spray lance with pressure regulation, 5 m electric cable with 16 A or 32 A CEE plug.

E 400/E 500-17: single lance



For food processing industries E Series (photo: E 320 VA) are available in stainless steel design with non-marking wheels.



E Series as modular stationary units to supply pipeline systems - for wall mounting or on racks (photo: S 334 VA / S 350 VA).



For chemical and pharmaceutical industries E Series can be designed explosion proof (photo: E 240 EX) - special voltage on request.

OERTZEN appointed dealer:



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