



DWC PUMP SERIES

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New DWC pump range, for domestic use (DWC-N),
refrigeration and industrial water supply (DWC-V)

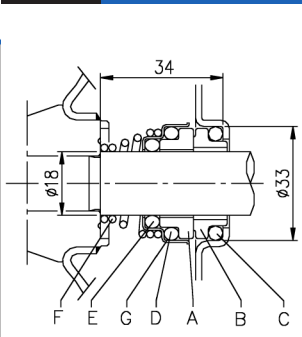
- 1 New centrifugal pumps with stainless steel AISI 304 components** suitable for domestic and industrial water supply, washing systems, chillers, refrigeration, conditioning and heating.
- 2 Compatibility with several kind of liquids.**
Hydraulic part in stainless steel for clean water, moderately aggressive fluids, glycol solutions.
- 3 Sturdy construction.**
Pump casing with Ebara exclusive patent volute.
- 4 No additional fittings.**
Increased delivery diameter.
- 5 Easy installation.**
Connections:
 - Victaulic
 - Threaded
 - Hose-end fitting
- 6 Insulated casing to avoid condensation.**
Insulation standard issue.
- 7 Reliable.**
EPDM mechanical seal and elastomers as standard.



PUMP		
Liquid handled	Kind of liquid	Clean water, moderate aggressive fluids, glycol solutions, other industrial fluids after a check by our sales network
	Temperature [°C]	-15 °C ÷ +90 °C +110 °C H version
Maximum working pressure [MPa]		0,8
Construction	Impeller	Close centrifugal type
	Shaft seal type	Mechanical seal
	Bearing	Sealed ball bearing
Pipe connection	Suction	DWC-V Victaulic connection ø 2" (60,3mm)
		DWC-N G 2 (Threaded)
	Discharge	DWC-V Victaulic connection ø 2" (60,3mm)
		DWC-N G 2 (Threaded)
Material	Casing	EN 1.4301 (AISI 304)
	Impeller	EN 1.4301 (AISI 304)
	Casing cover	EN 1.4301 (AISI 304)
	Shaft seal	Ceramic / Carbon / EPDM
	Shaft	EN 1.4301 (AISI 304) (Part in contact with liquid)
	Bracket	Aluminium
Applicable standard of test		ISO 9906 - Annex A

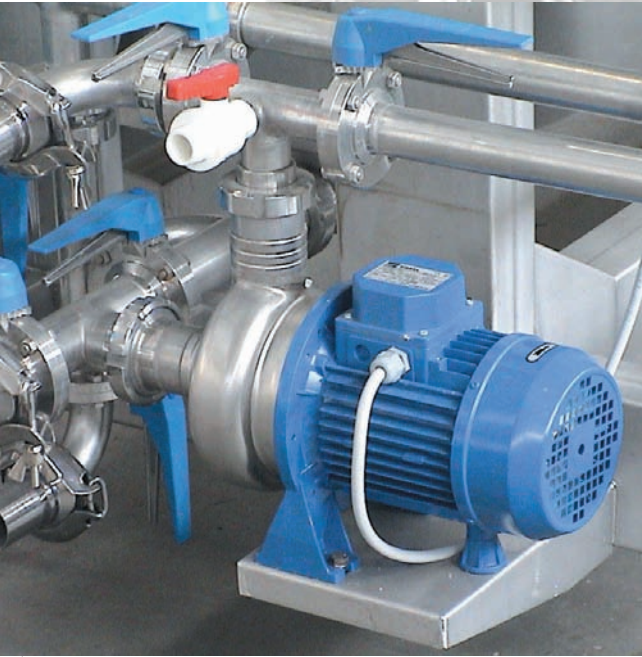
MOTOR			
Type	TEFC	Frequency [Hz]	50
	Three phase	Voltage [V]	230 / 400 + 10%
N° of poles	2	Over load protection	User provide
r.p.m. [min-1]	3000	Casing material	Aluminium
Insulation class	F	Motor support / base material	Aluminium
Protection degree	IP 55	Dimensions cable entry	PG11 - PG13.5
Power rating	[kW]	1.1 ÷ 3	
	[HP]	1.5 ÷ 4	

MECHANICAL SEAL					
Ref.	Part name	Product Standard	Material		
			H version	W version	Option
A	Rotary seal ring	Ceramic	Ceramic	SiC	Ceramic
B	Stationary seal ring	Carbon graphite	Carbon graphite	Tungsten carbide	Carbon graphite
C	O-Ring	EPDM	FPM	FPM	NBR
D	O-Ring	EPDM	FPM	FPM	NBR
E	O-Ring	EPDM	FPM	FPM	NBR
F	Self driving spring	AISI 316	AISI 316	AISI 316	AISI 316
G	Frame	AISI 304	AISI 304	AISI 304	AISI 304



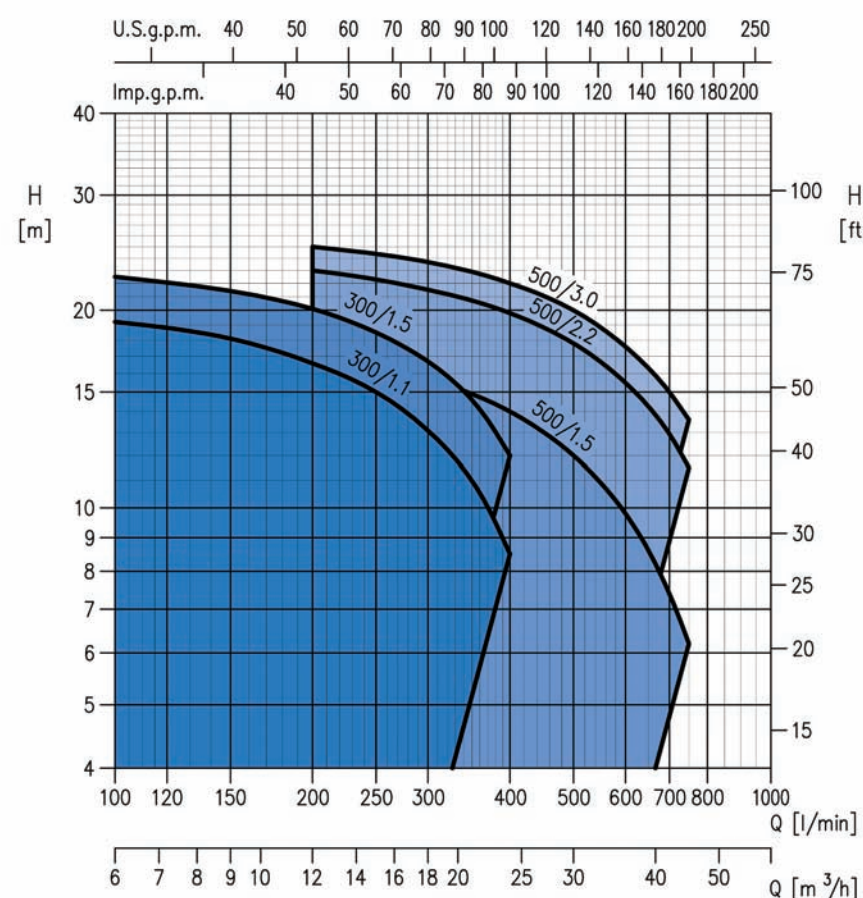
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Singlephase centrifugal pumps with hydraulic part
in AISI 304 stainless steel.



- APPLICATIONS**
- Handling of moderately aggressive fluids
 - Water treatment systems
 - Refrigeration
 - Conditioning
 - Heating systems
 - Chiller

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PERFORMANCE RANGE

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EBARA PUMPS EUROPE S.p.A. reserves the right to make modifications without prior notice: all specifications could be subject to change

cod. 479705382 REV 02/06



DWC SERIES



NEW

**Centrifugal pumps for domestic use,
 refrigeration and
 industrial water supply**

EBARA