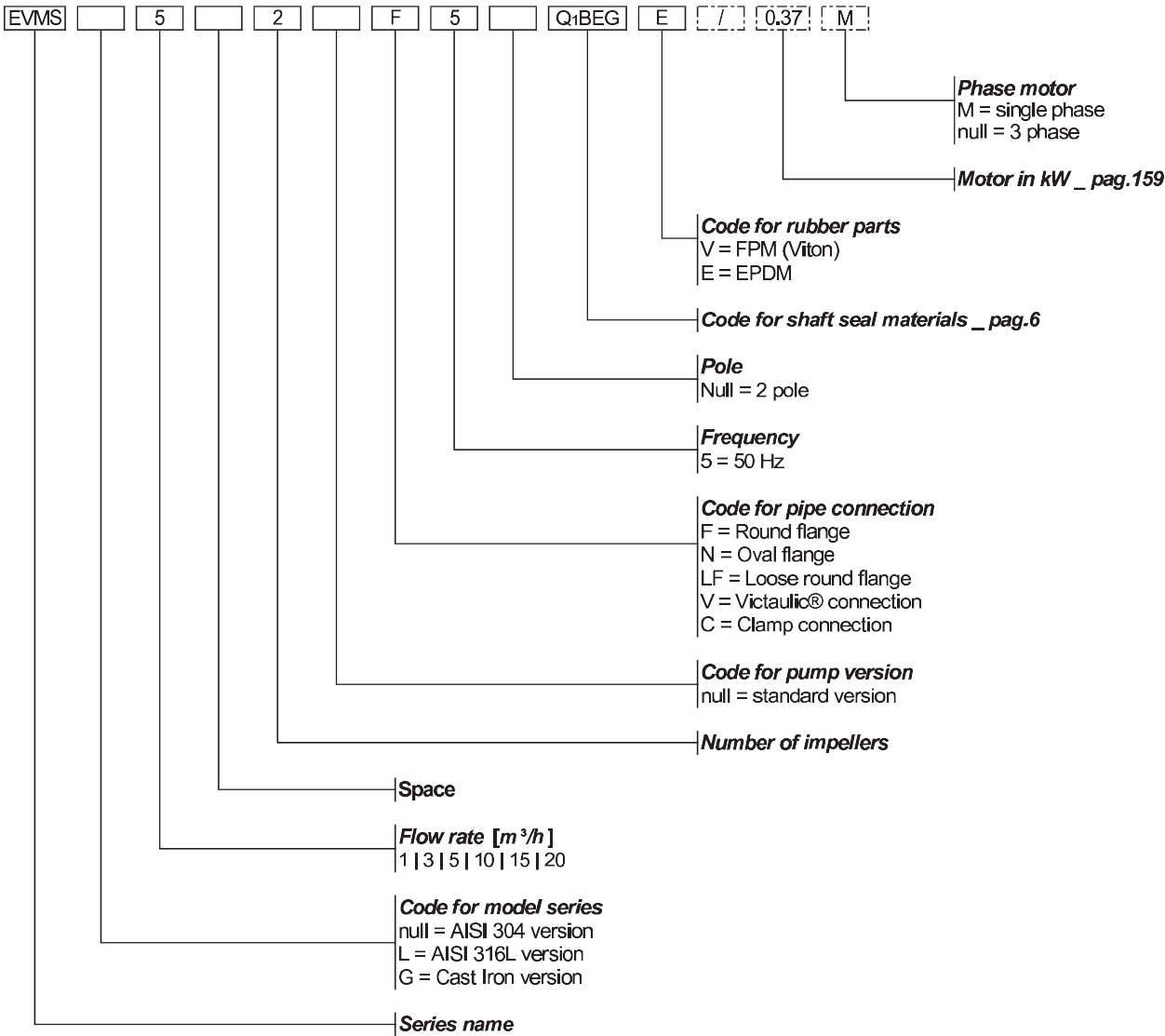


TYPE KEY
EVMS(.)1-3-5-10-15-20



Example for pump without motor:
EVMS5 2F5Q1BEGE

Example for pump with motor:
EVMS5 2F5Q1BEGE/0.37M

NAMEPLATE

 EBARA Pumps Europe S.p.A. Via Campo Sportivo, 30 38023 Cles (TN), ITALY Phone +39 0444 706811 VAT: 0123456789  MADE IN ITALY			
TYPE			
⊕ P/N'		⊕	
Hmax	m	Hmin	m
Q	l/min	H	m
P2	kW	HP	
Hz		min ⁻¹	
MEI >		Hyd. eff.	%

"TYPE"	Pump model
"P/N"	Pump item number
"Hmax"	Maximum head
"Hmin"	Minimum head
"Q"	Indicates upper and lower flow rate limits
"H"	Indicates head limits corresponding to minimum and maximum flow rate
"P2"	Rated power of the motor (output at shaft)
"HP"	Rated power of the motor expressed in HP (Horse Power)
"Hz"	Frequency
"min ⁻¹ "	Speed of rotation
"MEI"	Index of the pump's quality in relation to its efficiency
"Hyd. Eff."	Hydraulic efficiency of the pump

PRODUCT SPECIFICATIONS

EVMS(.)1-3-5-10-15-20

PUMP																				
Version		EVMSG						EVMS						EVMSL						
Operating range	Nominal flow rate (m³/h)	1	3	5	10	15	20	1	3	5	10	15	20	1	3	5	10	15	20	
	Maximum working pressure	1.6 / 2.5 MPa (16 / 25 bar)																		
	Liquid temperature range	-30°C to 140°C																		
Key Components Material	Impeller	EN 1.4301 (AISI 304)												EN 1.4404 (AISI 316L)						
	Intermediate casing	EN 1.4301 (AISI 304)												EN 1.4404 (AISI 316L)						
	Liner ring	EN 1.4301 (AISI 304) + PPS												EN 1.4404 (AISI 316L) + PPS						
	Bottom casing	Cast Iron						EN 1.4301 (AISI 304)						EN 1.4404 (AISI 316L)						
	Casing cover	EN 1.4301 (AISI 304)												EN 1.4404 (AISI 316L)						
	Shaft	EN 1.4301 (AISI 304)	EVMSG / EVMS 1-3-10 . EVMSG / EVMS 5-15-20 (depend on models)																	
		EN 1.4404 (AISI 316L)	EVMSL 1-3-10 . EVMSL 5-15-20 (depend on models)																	
		EN 1.4462 (AISI 329A)	EVMSG / EVMS / EVMSL 5-15-20 (depend on models)																	
	Shaft sleeve bearing	Tungsten carbide																		
	Shaft Seal	See the shaft seal options																		
	O-ring	EPDM	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		FPM	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Outer casing	EN 1.4301 (AISI 304)												EN 1.4404 (AISI 316L)						
	Motor Bracket	Cast Iron																		
	Tie rod	EN 1.4057 (AISI 431)																		
	Coupling	up to 4.0 kW	Die cast aluminium																	
		from 5.5 kW	Cast Iron																	
Base	Cast Iron						Die cast aluminium													
Pipe connection	Oval flange	up to 16 bar		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Round flange (DIN)	up to 16 bar		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
		from 16 bar to 25 bar		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Loose round flange (DIN)	up to 16 bar								●	●	●	●	●	●	●	●	●	●	
		from 16 bar to 25 bar								●	●	●	●	●	●	●	●	●	●	
Victaulic®	up to 16/25 bar								●	●	●	●	●	●	●	●	●	●	●	
Clamp	up to 16/25 bar								●	●	●	●	●	●	●	●	●	●	●	

● Available

MOTOR			
Power Source	Frequency	50 Hz	
	Phase	Single Phase	Three Phase
	Power rating	$\frac{0.37 \div 2.2 \text{ kW}}{0.5 \div 3.0 \text{ HP}}$	$\frac{0.37 \div 18.5 \text{ kW}}{0.5 \div 25 \text{ HP}}$
	Voltage	230 ± 10% V	230/400 ± 10% V (up to 4.0 kW) 400/690 ± 10% V (above 5.5 kW)
Type	Type	IC411 - TEFC	
	Efficiency Level	from 0.37 kW up to 2.2 kW	- : from 0.37 kW up to 0.55 kW IE3 : above 0.75 kW
	No° of poles	2	
	Protection degree	IP55 : up to 11 kW IP56 : above 15 kW	
	Insulation Class	F (temperature rise class B)	
Others	Thermal Protection	-	PTC sensor pre-installed for motors of 1.5 kW and above
	Casing Material	Aluminium	
	Flange mount (IEC motor)	IM B14 : up to 4.0 kW IM B5 : above 5.5 kW	
	Terminal Box fixing	-	Unlosable screw and seating from 0.75 kW to 18.5 kW



Japanese Technology since 1912

EVMS - Vertical Multistage Pumps

Data Book 50Hz



EVMS

1-3-5-10-15-20-32-45-64-90

