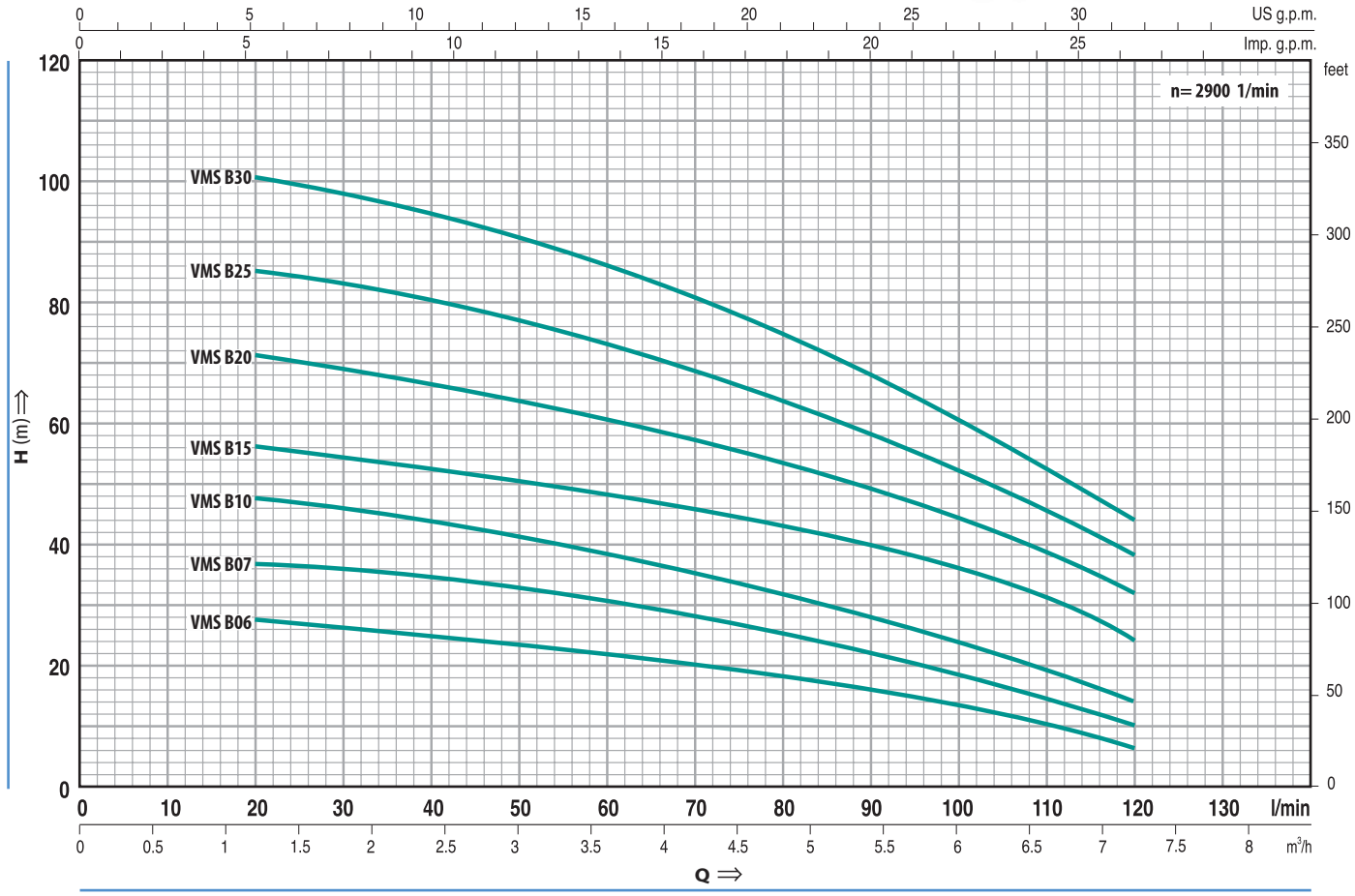
VMS B

vertical multi-stage pumps



Q = Flow rate **H** = Total manometric head

Tolerance of the performance curves according to EN ISO 9906 App. A.

TYPE		POWER		m³/h	0	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2
Single-phase	Three-phase	kW	HP	l/min	**0**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**	**100**	**110**	**120**
VMS B 06M	---	0.45	0.6		30	27	26	25	24	22.5	20.5	18	15.5	13	10	7
VMS B 07M	---	0.55	0.75		40	37	36	34.5	32.5	30	28	25	21.5	18.5	14.5	10
VMS B 10M	VMS B 10	0.75	1		50	48	46	44	41	38	35	32	28	24	19	14
VMS B 15M	VMS B 15	1.1	1.5	**H** metres	60	56	54	52	50	48	46	43	39	36	31	24
VMS B 20M	VMS B 20	1.5	2		75	72	69	66	64	60	57	53	48	43	38	32
VMS B 25M	VMS B 25	1.8	2.5		90	85	83	79	76	73	68	64	58	52	44	38
VMS B 30M	VMS B 30	2.2	3		105	101	98	94	90	86	80	75	67	60	52	44

DIMENSIONS AND WEIGHTS

TYPE		PORTS		N°	DIMENSIONS mm												kg	
Single-phase	Three-phase	DN1	DN2	stages	a	b	c	d	f	h	h1	h2	n	w1	w2	s	1~	3~
VMS B 06M	---	1¼"	1¼"	3	90	81	200	66	223	432	50	382	183	62	88.5	11	10.9	-
VMS B 07M	---			4						506		456					13.0	-
VMS B 10M	VMS B 10			5						530		480					16.3	14.8
VMS B 15M	VMS B 15	1½"		4	100					573	60	513					23.0	21.0
VMS B 20M	VMS B 20			5						603		543					24.1	22.4
VMS B 25M	VMS B 25			6						633		573					25.0	23.4
VMS B 30M	VMS B 30			7						708		648					30.7	26.7

RANGE OF PERFORMANCE
Flow rate up to 120 l/min (7.2 m³/h)
Head up to 105 m

LIMITS OF USE
Manometric suction lift up to 7 m
Liquid temperature up to + 40°C

INSTALLATION AND USE
They are recommended for pumping clean water and liquids that are chemically non aggressive to the materials from which the pump is made.
THEIR RELIABILITY AND QUIET RUNNING MAKE THEM SUITABLE FOR DOMESTIC AND CIVIL APPLICATIONS, BECAUSE THE PUMP IS FULLY SUBMERSIBLE WITH THE MOTOR COOLED BY THE PUMPED LIQUID, IT CAN BE USED SAFELY IN WET ENVIRONMENTS AND IN SPACES WITH INSUFFICIENT VENTILATION.

GUARANTEE 2 YEARS subject to our general terms of sale.

CONSTRUCTION CHARACTERISTICS
- **OUTER CASE AND MOTOR SUPPORT: stainless steel AISI 304** case with threaded ports ISO 228-1.
- **IMPELLERS AND DIFFUSERS**: **technopolymer**.
- **DIAPHRAGMS**: **stainless steel AISI 304,** complete with anti-wear rings.
- **MOTOR SHAFT: stainless steel EN 10088-3-1.4104.**
- **DOUBLE SEAL: mechanical seal silicon carbide-ceramic-NBR**, with oil barrier chamber and inner lip seal to protect the seal in the event of dry running.
- **SCREWS**: **stainless steel AISI 304.**
- **MOTOR:** electric, asynchronous for continuous duty.
  VMS B M: single-phase 220÷240 V - 50 Hz with thermal overload protector built into windings below 1.5 kW. The 1.8 kW motor has an external overload protector (with manual reset) incorporated into the control box.
  VMS B: three-phase 380÷415 V-50 Hz.
- **INSULATION:** class F.
- **PROTECTION:** IP 68.

STANDARD FEATURES:
VMS B M: (single-phase)
- 2 m power cable type "H07 RN-F" with removable connector.
- Control box with capacitor and Schuko plug

VMS B: (three-phase)
- 2 m power cable type "H07 RN-F" with removable connector.

OPTIONS ON REQUEST
⇒ other voltages or frequency 60 Hz

CONSTRUCTION AND SAFETY STANDARDS

EN 60 335-1	EN 60034-1
IEC 335-1	IEC 34-1
CEI 61-150	CEI 2-3

CE

DIMENSIONS