



TSURUMI PUMP

200BYK 3-phase 50Hz

BYK-Series 200mm discharge, dry installation
Sewage pump with closed
double-channel-impeller

A closed double-channel impeller ensures, that
sewage water containing sludge and fibrous
substances can be pumped efficiently without
clogging.





Closed double-channel impeller

The channel impeller prevents clogging by solid-matters and fibrous components in the medium.

Optional Accessories:

- duck-foot for guide-rails:
 - guide support
 - duck-foot
 - Bend
 - Stand set for free-standing version
- Optionally available with guide-rail-installation kit.



Available options

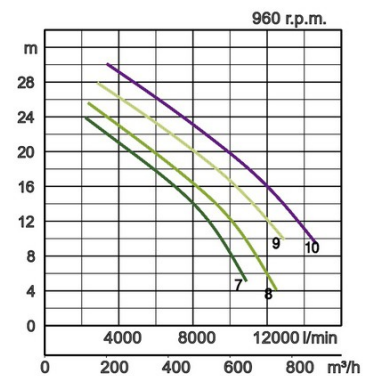
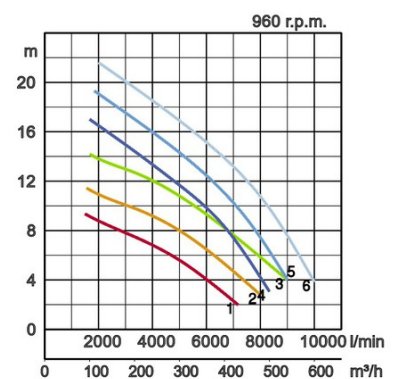
- Explosion proof version
- Oil sensor
- All pumps can be operated with soft-starter and frequency-converter



Specifications:

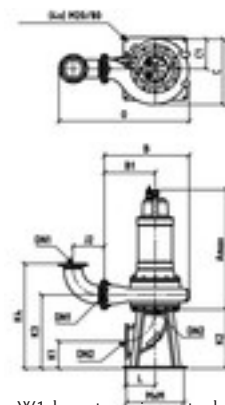
Model	Colour code curve	Bore mm	Power output kW	Phases	r.p.m.	Head max. m	Capacity max. l/min	Starting method	Dry weight kg without cable	Impeller passage mm
200BYMK67.3	1	200	7,3	3	960	9,4	7167	star/delta	318,0	100
200BYMK610	2	200	10	3	960	11,5	8000	star/delta	332,0	100
200BYMK613.6	3	200	13,6	3	960	14,2	9000	star/delta	348,0	100
200BYMK616.8	4	200	16,8	3	960	17,0	8333	star/delta	681,8	100
200BYMK619.5	5	200	19,5	3	960	19,3	9000	star/delta	700,0	100
200BYMK622.6	6	200	22,6	3	960	21,6	10000	star/delta	726,0	100
200BYMK625.8	7	200	25,8	3	960	23,9	10883	star/delta	730,9	100
200BYMK633.2	8	200	33,2	3	960	25,6	12500	star/delta	859,7	100
200BYMK640.5	9	200	40,5	3	960	27,9	12917	star/delta	1061,9	100
200BYMK649.5	10	200	49,5	3	960	30,1	14667	star/delta	1087,9	100

ø Discharge bore mm			200mm
Pumping Fluid	Temperature		0-40°C
	Type of Fluid		Municipal sewage
Pump	Compo- nents	Impeller	Dual channel impeller
		Shaft Seal	Double mechanical seal
		Bearings	Shielded ball bearings
	Material	Impeller	Grey iron casting EN-GJL-250
		Casing	Grey iron casting EN-GJL-250
		Shaft Seal	SiC, upper in oil bath
		Wearring	Bronze
Motor	Type, Poles		Induction motor, 6 poles, IP68
	Lubrication		Turbine oil (ISO VG32)
	Phase / Voltage		3-phase / 400V / 50Hz / s.d.
	Insulation		Insulation class H
	Motor Protector (built-in)		Miniature protector
	Material	Casing	Grey iron casting EN-GJL-250
		Shaft	Stainless steel EN-X14Cr-Mo-S17, Stainless steel EN-X20Cr13
Cable		Rubber, 10m H07RN8-F	
Discharge Connection			Flange DIN/ANSI DN200 (PN10)
Optional Accessories			Horizontal installation / Vertical installation



Dimensions - vertical installation mm::

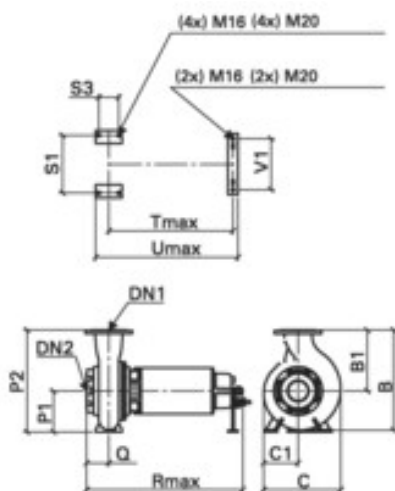
Model	A	B	B1	C	C1	DN1	DN2	J2	K1	K2	K3	K4	L	M	O
200BYMK67.3	990	740	450	547	241	200	250	369	318	692	857	1224	350	680	1364
200BYMK610	1050	740	450	547	241	200	250	369	318	692	857	1224	350	680	1364
200BYMK613.6	1140	740	450	547	241	200	250	369	318	692	857	1224	350	680	1364
200BYMK616.8	1208	900	550	650	291	200	200	369	301	692	842	1209	367	560	1417
200BYMK619.5	1333	878	550	650	291	200	200	369	301	692	842	1209	367	560	1417
200BYMK622.6	1333	900	550	650	291	200	200	369	301	692	842	1209	367	560	1417
200BYMK625.8	1333	900	550	650	291	200	200	369	301	692	842	1209	367	560	1417
200BYMK633.2	1338	900	550	650	291	200	200	369	301	692	842	1209	367	560	1417
200BYMK640.5	1405	1030	600	779	353	200	250	369	318	692	864	1231	350	680	1539
200BYMK649.5	1535	1030	600	779	353	200	250	369	318	692	864	1231	350	680	1539



Dimensions - horizontal installation mm::

Model	B	B1	C	C1	DN1	DN2	P1	P2	Q	R	S1	S3	T	U	V1
200BYMK67.3	760	450	547	241	200	250	310	760	165	1000	380	115	771	876	310
200BYMK610	760	450	547	241	200	250	310	760	165	1060	380	115	831	936	310
200BYMK613.6	760	450	547	241	200	250	310	760	165	1150	380	115	921	1026	310
200BYMK616.8	900	550	650	291	200	200	350	900	150	1220	500	120	993	1103	360
200BYMK619.5	900	550	650	291	200	200	350	900	150	1345	500	120	1118	1228	360
200BYMK622.6	900	550	650	291	200	200	350	900	150	1345	500	120	1118	1228	360
200BYMK625.8	900	550	650	291	200	200	350	900	150	1345	500	120	1118	1228	360
200BYMK633.2	900	550	650	291	200	200	350	900	150	1403	500	120	1156	1266	410
200BYMK640.5	1030	600	779	353	200	250	430	1030	172	1550	450	120	1151	1261	410
200BYMK649.5	1030	600	779	353	200	250	430	1030	172	1550	450	120	1281	1391	410

Horizontal installation



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We reserve the right to change specifications and designs herein for improvement without prior notice. Our pumps are for professional use only. In the event that Tsurumi (Europe) GmbH have, in exceptional cases taken over, a manufacturer's warranty, this entitles the enduser to assert remedy free of charge against Tsurumi (Europe) GmbH due to any defect to the product occurring during the guarantee period (see below), also then when the warranty claims against the seller do not or no longer exist. In the event of malfunction, which is attributable to the improper handling by the enduser, no guarantee claim shall arise. Further claims shall not result from the warranty, unless if something to the contrary has explicitly been determined. The decision as to whether remedy is effected by way of replacement or repair shall be at the choice of Tsurumi (Europe) GmbH. The claims shall be time barred after a period of three months after expiry of the guarantee period, however, not before expiry of the warranty period which is valid towards the seller. In the event of doubt, the warranty period shall correspond with the warranty period which is valid between the end-user and his seller.

sew-BY_K_200mm-EN

