



Technical brochure 50 Hz

Flygt submersible pumps and mixers

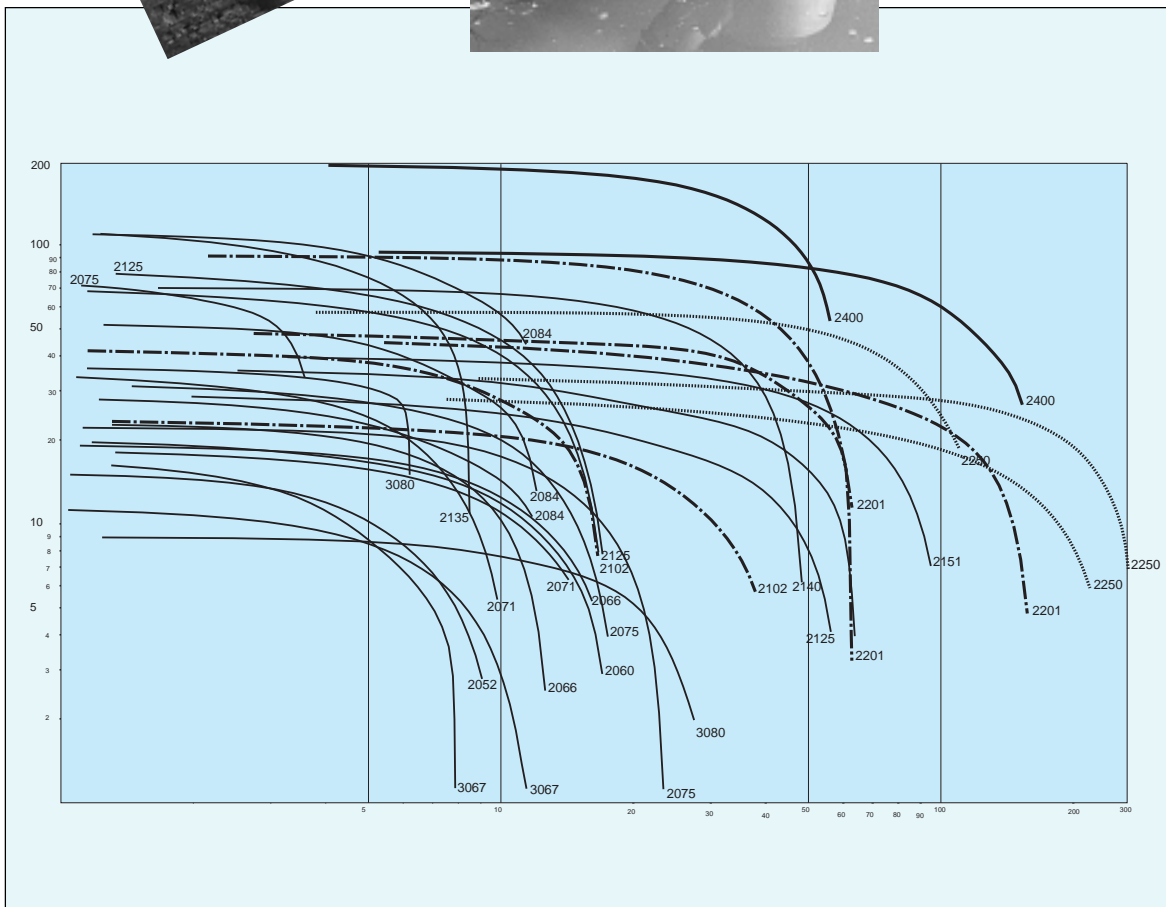


Flygt



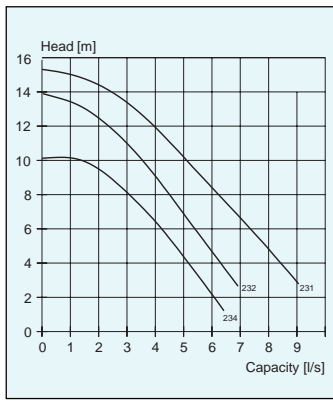
ITT Industries
Engineered for life

B-PUMPS • 50 Hz

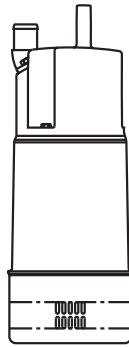


The B-pump has a multi-vaned, open or semi-open channel impeller available in different materials. It is specifically designed to handle media containing highly abrasive material, such as clay, sand, drilling mud, etc.



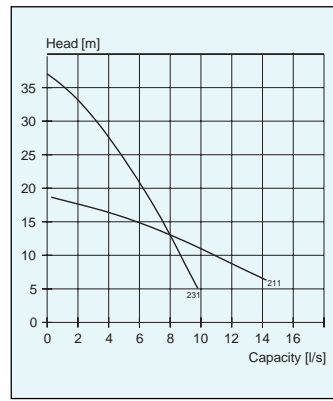


BIBO 2052



Technical data	MT	MT	MT
IMPELLERCODE	231	232	234
PHASE	3-	1-, 3-	1-, 3-
SPEED OF ROTATION	2700rpm	2700rpm	2700rpm
OUTPUT POWER	1.0kW	0.75kW, 1.0kW	0.75kW, 1.0kW
INPUT POWER	1.4kW	1kW, 1.4kW	1kW, 1.4kW
WEIGHT	18kg	18kg	18kg

Poly-Life® version available

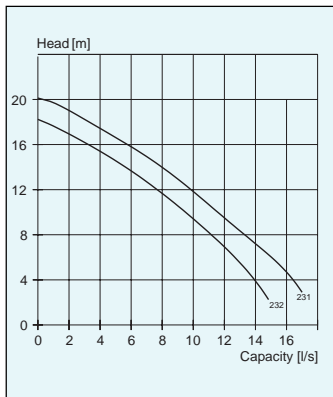


BIBO 2071

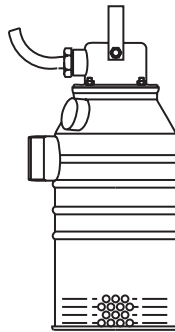


Technical data	MT	LT
IMPELLERCODE	231	211
PHASE	3-	3-
SPEED OF ROTATION	2800rpm	2800rpm
OUTPUT POWER	3kW	3kW
INPUT POWER	3.9kW	3.9kW
WEIGHT	31kg	28kg

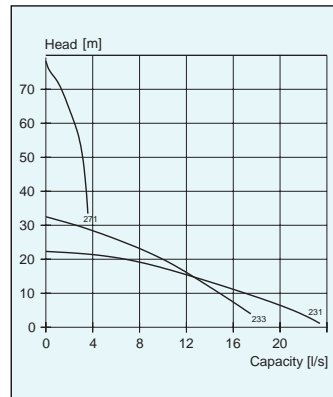
Poly-Life® version available



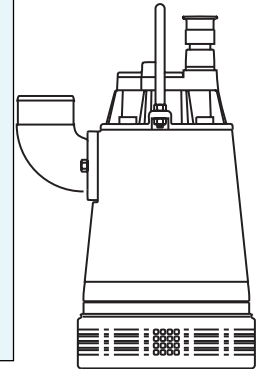
BIBO 2060



Technical data	MT	HT
IMPELLERCODE	231	232
PHASE	3	3
SPEED OF ROTATION	2800rpm	2800rpm
OUTPUT POWER	2.2kW	2.2kW
INPUT POWER	2.8kW	2.8kW
WEIGHT	32kg	32kg



BIBO 2075

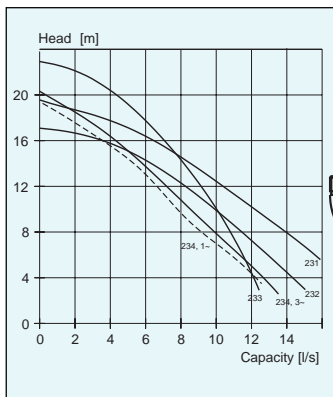


Technical data	MT	HT	ST
IMPELLERCODE	231	233	271
PHASE	3-	3-	3-
SPEED OF ROTATION	2800rpm	2800rpm	2800rpm
OUTPUT POWER	3.7kW	3.7kW	5.5kW
INPUT POWER	4.6kW	4.6kW	7.3kW
WEIGHT	73kg ¹⁾ 40kg ²⁾	73kg ¹⁾ 40kg ²⁾	90kg ¹⁾ 64kg ²⁾

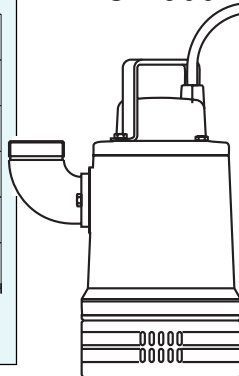
¹⁾ Model 324 in cast iron

²⁾ Model 334 in hydraulic aluminum

Poly-Life® version available

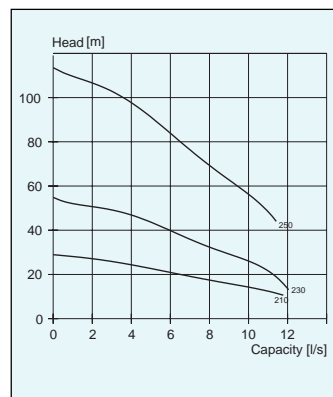


BIBO 2066

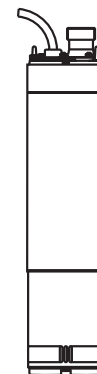


Technical data	MT	HT	HT
IMPELLERCODE	231, 232	233, 234	234-
PHASE	3-	3-	1-
SPEED OF ROTATION	2800rpm	2800rpm	2900rpm
OUTPUT POWER	2.2kW	2.2kW	1.5kW
INPUT POWER	2.8kW	2.8kW	1.9kW
WEIGHT	30kg	30kg	30kg

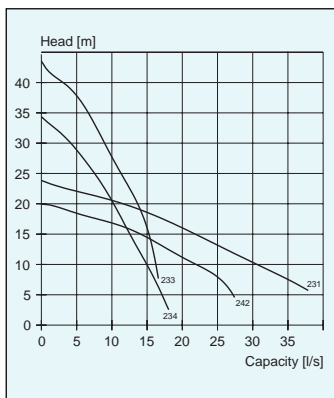
Poly-Life® version available



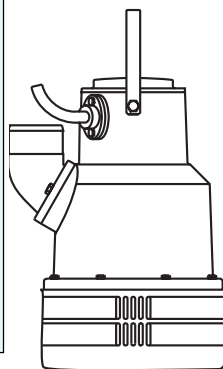
BIBO 2084



Technical data	MT	HT	LT
IMPELLER CODE	230	250	210
PHASE	3-	3-	3-
SPEED OF ROTATION	2880 rpm	2870 rpm	2850 rpm
OUTPUT POWER	7.5 kW	14 kW	3.7 kW
INPUT POWER	8.9 kW	16.4 kW	4.5 kW
WEIGHT	75 kg	110 kg	55 kg

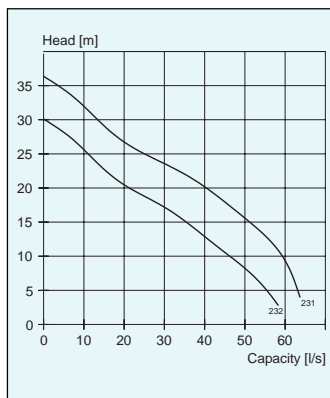


BIBO 2102

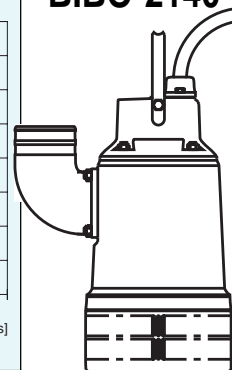


Technical data	MT	MT	HT	HT
IMPELLERCODE	242	231	234	233
PHASE	3~	3~	3~	3~
SPEED OF ROTATION	2850 rpm	2850 rpm	2850 rpm	2850 rpm
OUTPUT POWER	3.7 kW	5.2 kW	3.7 kW	5.2 kW
INPUT POWER	4.5 kW	6.3 kW	4.5 kW	6.3 kW
WEIGHT	48 kg	48 kg	48 kg	48 kg

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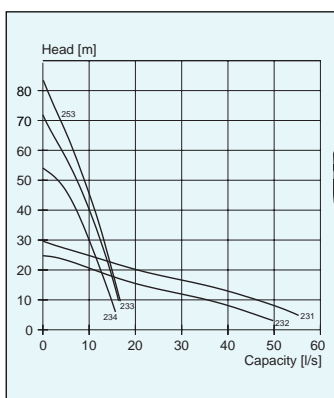


BIBO 2140

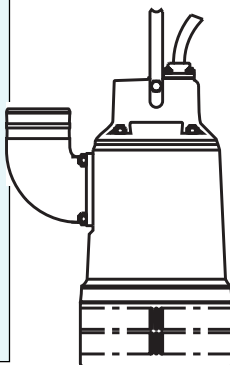


Technical data	MT
IMPELLERCODE	231/232
PHASE	3~
SPEED OF ROTATION	2875 rpm
OUTPUT POWER	12.0 kW
INPUT POWER	13.0 kW
WEIGHT	82 kg

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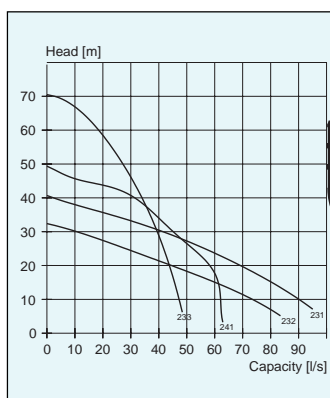


BIBO 2125

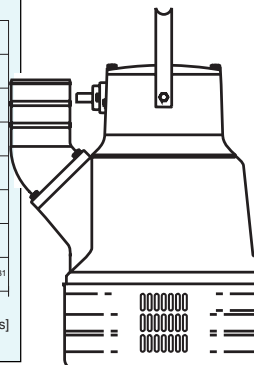


Technical data	MT	HT	SH
IMPELLERCODE	231/232	233/234	253
PHASE	3~	3~	3~
SPEED OF ROTATION	2875 rpm	2875 rpm	2915 rpm
OUTPUT POWER	8 kW	9.7 kW	11.1 kW
INPUT POWER	9.5 kW	11.1 kW	12.7 kW
WEIGHT	77 kg	80 kg	164 kg

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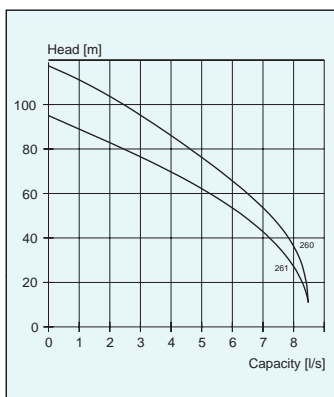


BIBO 2151

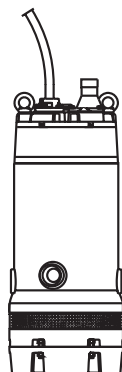


Technical data	MT	HT	LT
IMPELLERCODE	241	233	231/232
PHASE	3~	3~	3~
SPEED OF ROTATION	2900 rpm	2900 rpm	2900 rpm
OUTPUT POWER	20 kW	20 kW	20 kW
INPUT POWER	23 kW	23 kW	23 kW
WEIGHT	165 kg	165 kg	165 kg

Poly-Life® version available

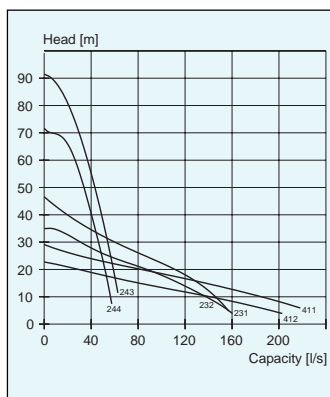


BIBO 2135

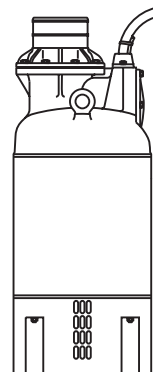


Technical data	HT
IMPELLERCODE	260
PHASE	3~
SPEED OF ROTATION	2920 rpm
OUTPUT POWER	13.5 kW
INPUT POWER	15.4 kW
WEIGHT	250 kg

Poly-Life® version available

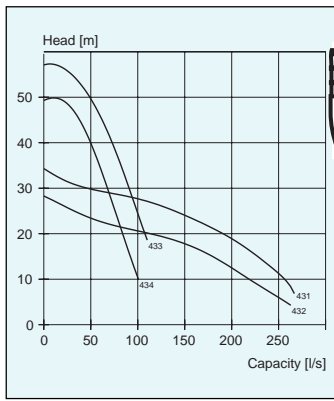


BIBO 2201

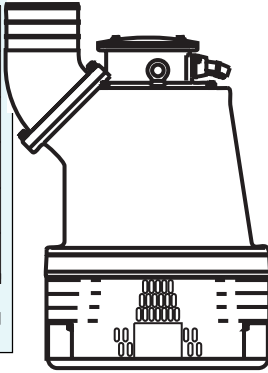


Technical data	MT	HT	LT
IMPELLERCODE	231/232	243/244	411/412
PHASE	3~	3~	3~
SPEED OF ROTATION	2940 rpm	2940 rpm	1465 rpm
OUTPUT POWER	37 kW	37 kW	30 kW
INPUT POWER	41 kW	41 kW	33 kW
WEIGHT	445 kg	350 kg	285 kg

Poly-Life® version available

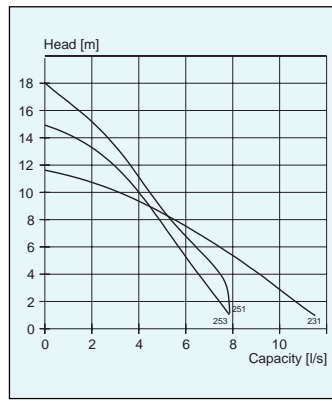


BIBO 2250

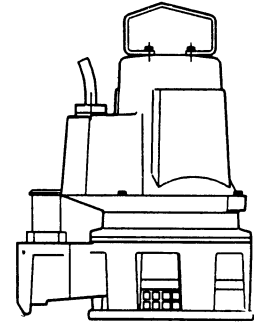


Technical data	MT	HT
IMPELLERCODE	431/432	433/434
PHASE	3~	3~
SPEED OF ROTATION	1475rpm	1475rpm
OUTPUT POWER	54kW	54kW
INPUT POWER	59kW	59kW
WEIGHT	540kg	540kg

Poly-Life® version available



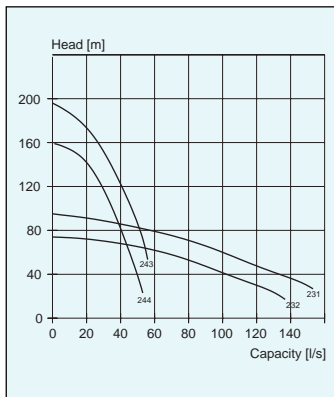
BIBO 3067



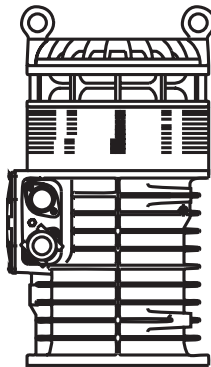
Impeller code	No. of vanes	Outlet dia mm CP vers.	Through-let, mm	Motor rating kW	rpm	Available versions
253	3	38	10	0.9*	2815	BP/BS
251	3	38	10	1.2	2815	BP/BS
231	6	38	10	1.2	2815	BP/BS

Weight, kg	BP	BS
HT / MT	34	34

* Single phase

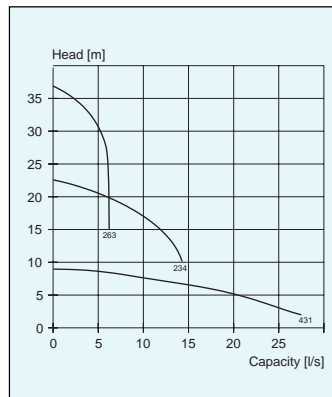


BIBO 2400

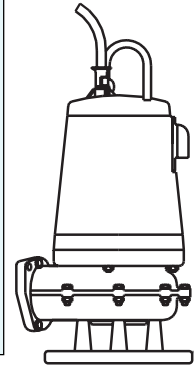


Technical data	MT	HT
IMPELLERCODE	231/232	243/244
PHASE	3~	3~
SPEED OF ROTATION	2970rpm	2970rpm
OUTPUT POWER	90kW	90kW
INPUT POWER	97kW	97kW
WEIGHT	900kg	985kg

Poly-Life® version available

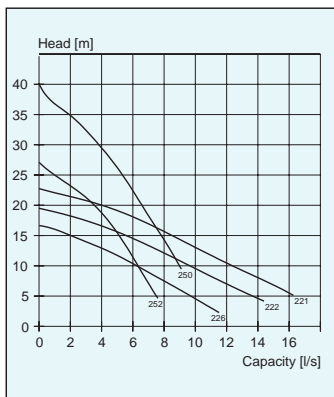


BIBO 3080

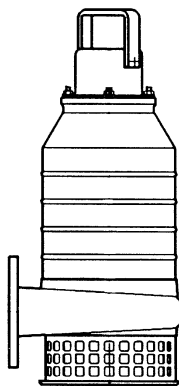


Technical data	MT	HT	ST
IMPELLERCODE	431	234	263
PHASE	3~	3~	3~
SPEED OF ROTATION	1400rpm	2800rpm	2800rpm
OUTPUT POWER	4.0kW	5.5kW	5.5kW
INPUT POWER	5.0kW	7.3kW	7.3kW
WEIGHT	61kg ¹⁾	61kg ¹⁾	105kg ³⁾
	100kg ²⁾	100kg ²⁾	

¹⁾Aluminium ²⁾Castiron ³⁾Alum-bronze

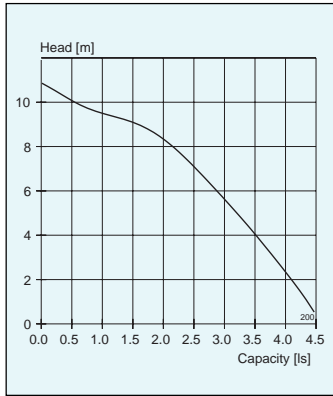


BIBO 3060

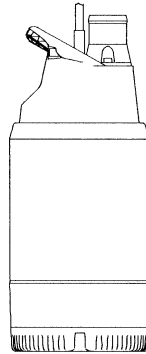


Technical data	MT	HT
IMPELLERCODE	221, 222, 226	250, 252
PHASE	3~	3~
SPEED OF ROTATION	2800rpm	2800rpm
OUTPUT POWER	2.4kW	2.4kW
INPUT POWER	3.3kW	2.3kW
WEIGHT	41kg	41kg

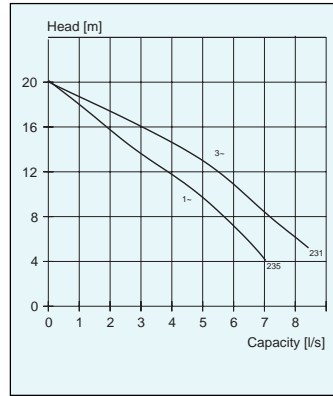
Poly-Life® version available



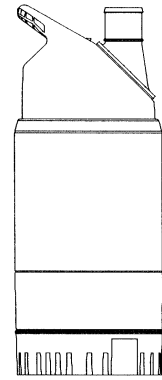
READY 4



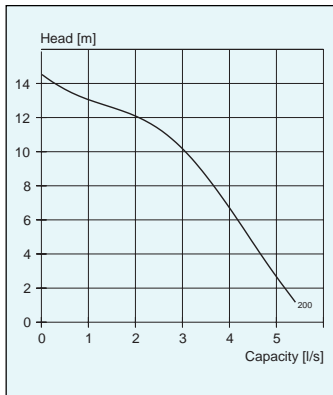
Technical data	MT
IMPELLERCODE	200
PHASE	1~
SPEED OF ROTATION	2700rpm
OUTPUT POWER	0.4kW
INPUT POWER	0.56kW
WEIGHT	9kg
OUTLET DIAMETER mm	Ø50



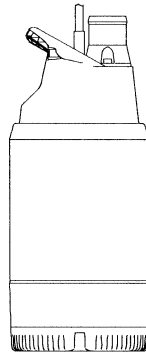
READY 16



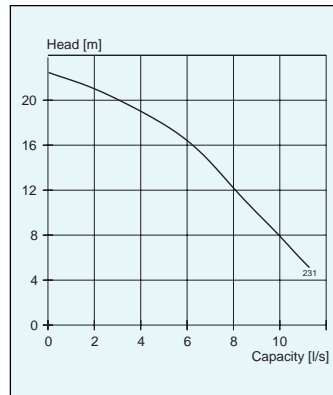
Technical data	MT	MT
IMPELLERCODE	231	235
PHASE	3~	1~
SPEED OF ROTATION	2800rpm	2750rpm
OUTPUT POWER	1.7kW	1.5kW
INPUT POWER	2.3 kW	2.0kW
WEIGHT	18kg	19kg
OUTLET DIAMETER mm	Ø50	Ø75



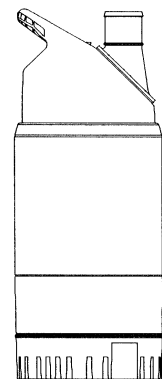
READY 8



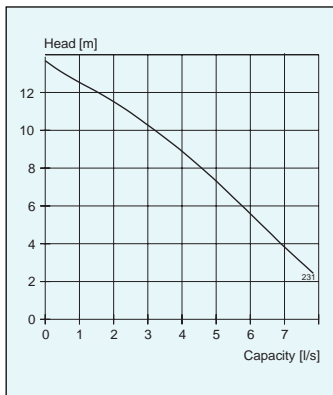
Technical data	MT
IMPELLERCODE	200
PHASE	1~
SPEED OF ROTATION	2800rpm
OUTPUT POWER	0.75kW
INPUT POWER	1.0kW
WEIGHT	11.5kg
OUTLET DIAMETER mm	Ø50



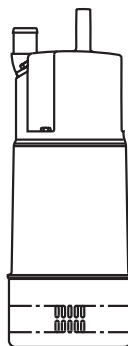
READY 24



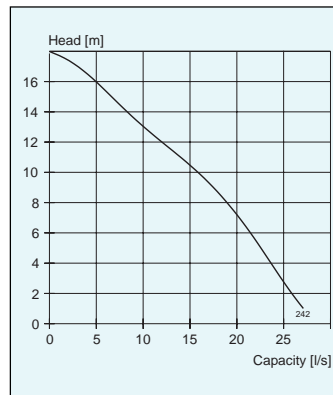
Technical data	MT
IMPELLERCODE	231
PHASE	3~
SPEED OF ROTATION	2700rpm
OUTPUT POWER	2.4kW
INPUT POWER	3.2kW
WEIGHT	19kg
OUTLET DIAMETER mm	Ø50/Ø75



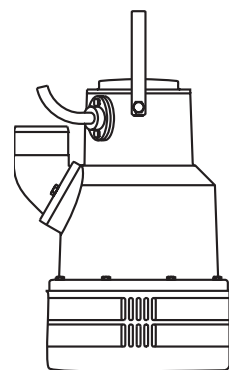
READY 12



Technical data	MT
IMPELLERCODE	231
PHASE	3~
SPEED OF ROTATION	2650rpm
OUTPUT POWER	1.0kW
INPUT POWER	1.4kW
WEIGHT	18kg
OUTLET DIAMETER mm	Ø50



READY 40



Technical data	MT
IMPELLERCODE	242
PHASE	3~
SPEED OF ROTATION	2800rpm
OUTPUT POWER	3.7kW
INPUT POWER	3.2kW
WEIGHT	19kg
OUTLET DIAMETER mm	Ø75/Ø100