

MULTICUT 08

SEWAGE PUMP

Submersible sewage pumps fitted with the all new optimised cutting system, ideal for pumping untreated wastewater and providing back pressure protection where no sewer systems exist or gravity systems are unsuitable.



KEY FEATURES

- New optimised cutting system
- External, adjustable cutting mechanism
- SiC mechanical seal
- Installed motor protection
- Moisture sealed cable inlet

Introducing

PENTAIR JUNG PUMPEN

MULTICUT 08

SEWAGE PUMP

NEW CUTTING SYSTEM



Reliable. Durable. Unique.

208,800 CUTS PER MINUTE

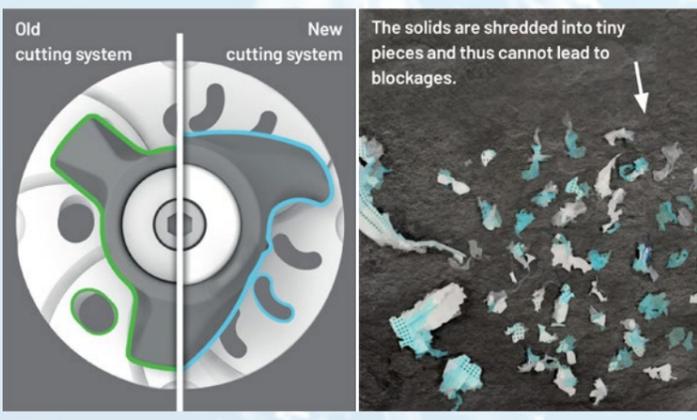
- ✓ Modified cutting geometry – 12 curved holes
- ✓ Three times as many cuts – solids & debris cut finer
- ✓ Easy change cutting system
- ✓ 1:1 replaceable on existing pumps

THE OPTIMISED MULTICUT CUTTING SYSTEM ENSURES MAXIMUM OPERATIONAL RELIABILITY WITH OUTSTANDING PERFORMANCE.

Fitted with a hardened stainless steel cutter plate and a three-bladed cutter, the Multicut disintegrates solids with more than 200,000 cutting processes per minute. The improved design of the cutter and cutter plate result in two cuts per hole and a threefold increase in cuts made. The position of the cutting system remains in front of the pump hydraulics, ensuring that only shredded solids can enter the pump and the Multicut can continue to provide its renowned reliability.

FEATURES

- New optimised cutting system
- External, adjustable cutting mechanism
- Easy change cutting system
- SiC mechanical seal independent of sense of rotation
- Installed motor protection
- Moisture sealed cable inlet



MECHANICAL DATA	
Pump	Vertical single-stage
Bearing	Ball bearings, grease-lubricated
Seal on motor side	Duplex rotary shaft seal
Oil chamber	Yes
Seal on medium side	SiC mechanical seal
Dry run protection	Yes
Impeller	Vortex impeller, GFK
Pump housing	Grey cast iron
Submersible	Yes
Pressure outlet	DN 32

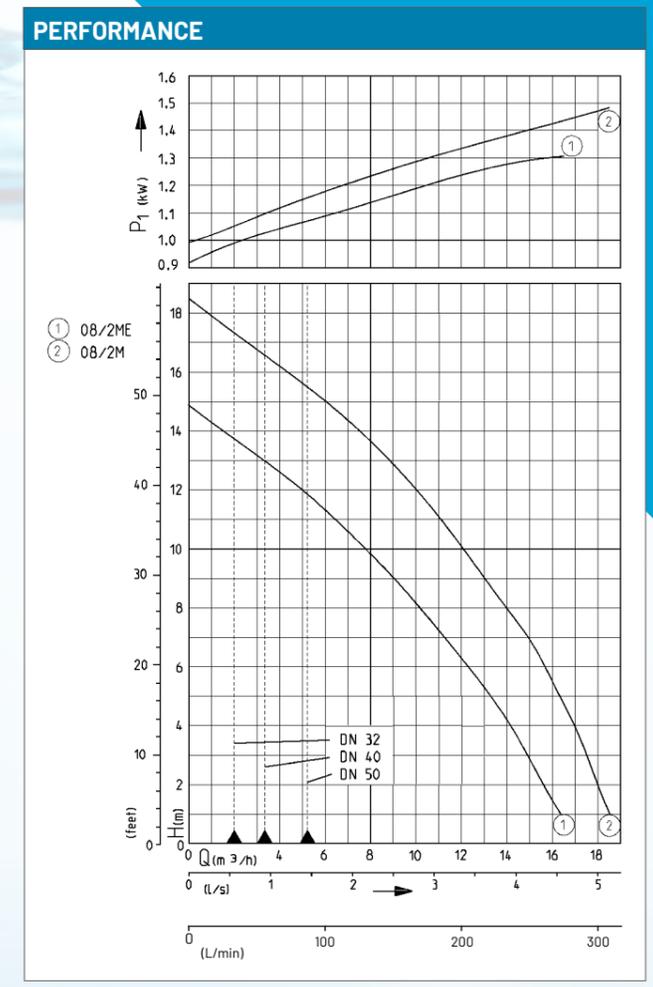
ELECTRICAL DATA	
Cable	10m H07RN-F with AU plug (ME & MES models only)
Type of enclosure	IP 68
Winding thermostat	Yes

DIMENSIONS 08/2 M

25981-09

Typ	A	B	C	D	E	F	G	H	J	K	P	R
08/2M +ME	445	235	230	-	-	100	128	60	265	90	-	-
08/2MS+MES	445	340	-	115	140	100	128	60	265	90	190	305

Units in mm



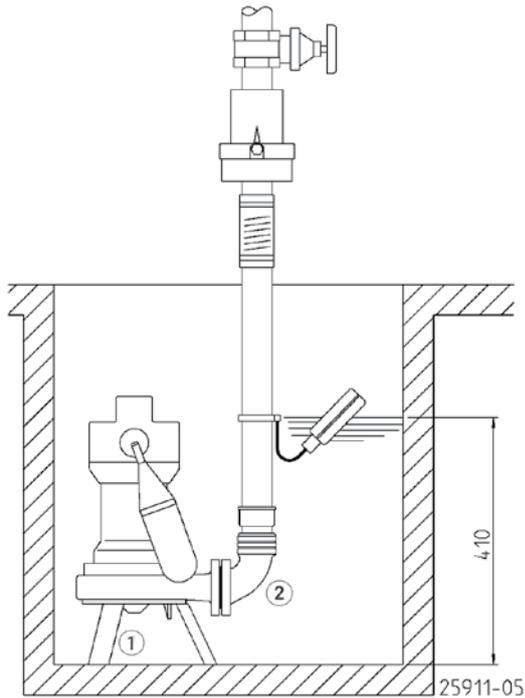
MULTICUT 08											
Type	Code No.	Voltage	Motor rating		Current	Wires	Motor Protection	Plug	S3	Motor Housing	Weight
			P1	P2							
Without level control											
08/2 ME	JP50348	1/N/PE~230 V	1.37 kW	0.98 kW	6.0 A	3G1,0	In motor	AU	10 %	Stainless steel	16.2 kg
08/2 M	JP50344	3/PE~400 V	1.65 kW	1.24 kW	2.8 A	4G1,0	In motor	N/A	10 %	Stainless steel	16.5 kg
With built-in level control											
08/2 MES	JP50347	1/N/PE~230 V	1.37 kW	0.98 kW	6.0 A	3G1,0	In motor	AU	10 %	Stainless steel	16.6 kg
08/2 MS	JP50345	3/PE~400 V	1.65 kW	1.24 kW	2.8 A	4G1,0	In motor	N/A	10 %	Stainless steel	17.2 kg

SPECIFICATIONS																	
Type	Delivery head H [m]	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
08/2 ME/MES	Flow rate Q [m³/h]	16.5	15.5	15.0	14.0	13.0	12.0	11.0	10.0	9.0	7.5	6.5	5.0	3.5	1.5		
08/2 M/MS		18.5	18.0	17.5	17.0	16.5	15.5	15.0	14.0	13.0	12.0	11.0	10.0	9.0	7.5	6.0	4.5

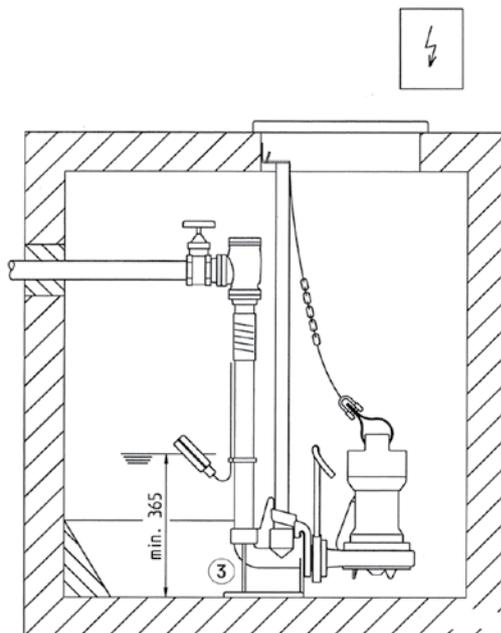
OPERATING CONDITIONS	
Max Temperature	40° C max liquid operating temperature
Submerged Motor	Continuous operation (S1)
Emerged Motor	Intermittent operation (S3) (e.g. 20% = 2 min. operation, 8 min. break)

INSTALLATION EXAMPLES

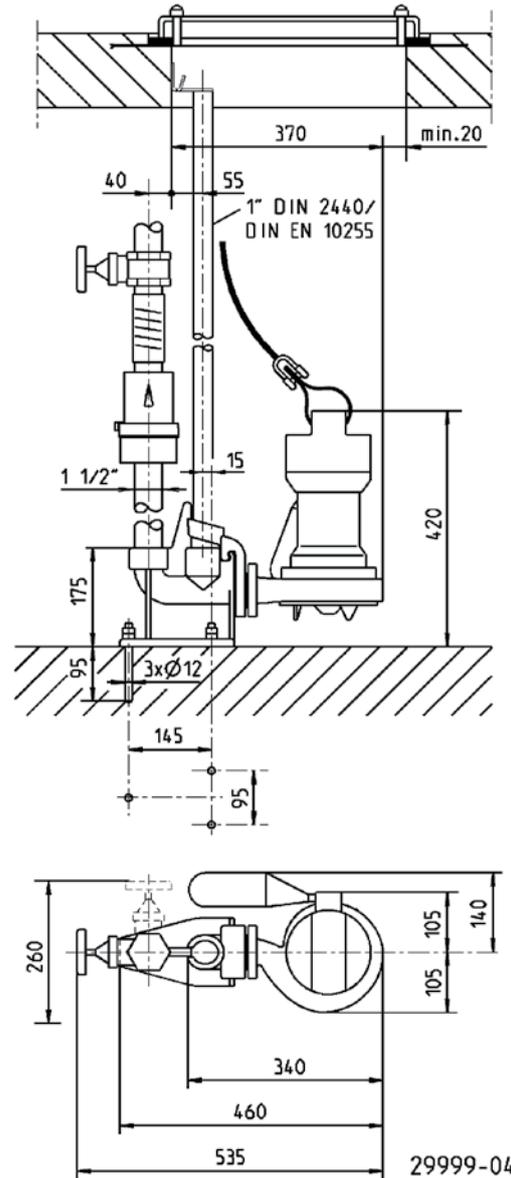
Example of pump base installation



Example of guide rail installation



Example of guide rail installation



Single unit - min. sump (cm)
 without GR: 40x40
 with GR and swing-type check valve: 40x65
 with GR and ball-type check valve: 40x65

COMMON ACCESSORIES

Code No.

- | | | | |
|---|--------------------------|---|----------------|
| ① | Pedestal feet | Supplied with pump (for 08 MES and MS models only) | JP44759 |
| ② | Discharge elbow | 1 1/4" (female thread) | JP16870 |
| ③ | Guide rail system | 1 1/2" female thread for MultiCut 08 without Ex-proof | JP29953 |

NOTE: Single and dual pump controllers available. Contact Pentair customer service at au.sales@pentair.com



1-21 Monash Drive | Dandenong South, VIC 3175 | Australia | 1300 137 344 | pentair.com.au

Information contained here-in remains the property of Pentair under Australian copyright law. Content may not be reproduced or transmitted without our prior written permission.

© 2023 Pentair. All rights reserved. This document is subject to change without notice.