

MC 20/50 kanalhjul avloppspump

Artikelnr Beteckning

111254 MC 20/50:1,5/3x400/G65

Installation

Vikt	42,0 kg
Styrning	Manuell
Ansl. ut	G65 inv

Övrigt

Max Tryck	18 mVp
Max Flöde	15,0 l/sek

Elektrisk Data

Effekt	1,50 kW
Märkström	5,0 A
Spänning	3x400



Pedrollo MC Kanalhjul Avloppspump

PEDROLLO MC är en serie högeffektiva, dränkbara avloppspumpar med konstruktion i gjutjärn.

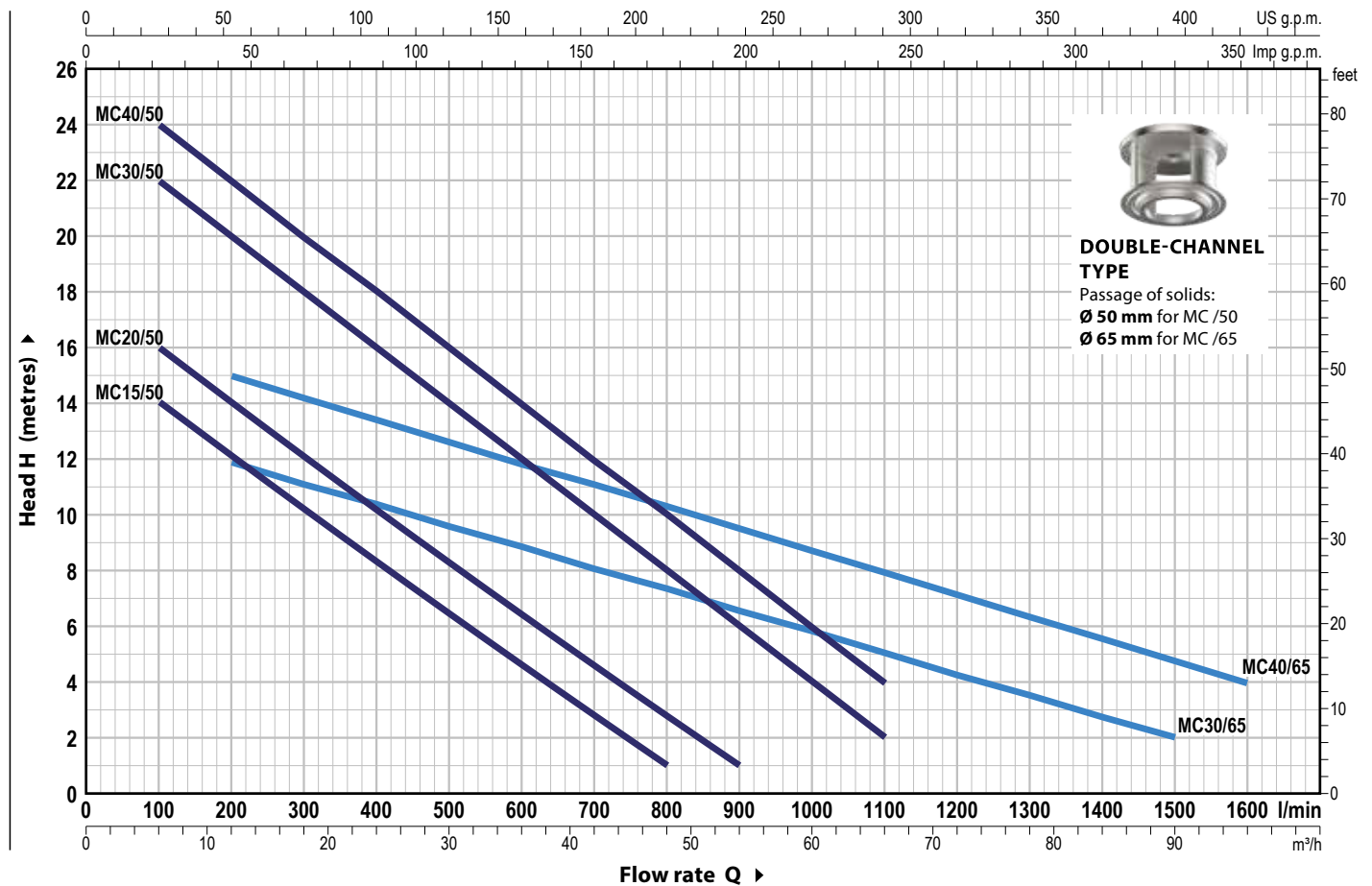
Kanalhjul säkerställer problemfri hantering av svart-, BDT-, grå- och dränvatten med fritt genomlopp på upp till 50 mm som tillåter passage av stora partiklar, samtidigt som man bibehåller hög effektivitet.

MC-serien lämpar sig väl till pumpning från dräneringsbrunn, parkeringshus och andra avloppsapplikationer som kräver större flöde.

Dubbla axeltätning i kiselkarbid säkerställer en lång livslängd.

- Stort genomlopp – Stora partiklar.
- Genomgående konstruktion i gjutjärn.
- Tillverkad i Italien.

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n= 2900 min⁻¹


MODEL		POWER (P ₂)		Q m ³ /h l/min	0	6	12	18	24	30	36	42	48	54	60	66	72	90	96
Single-phase	Three-phase	kW	HP		0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1500	1600
MCm 15/50	MC 15/50	1.1	1.5	H metres	16	14	12.5	10.5	8.5	6.5	4.5	3	1						
MCm 20/50	MC 20/50	1.5	2		18	16	14	12.5	10.5	8.5	6.5	5	3	1					
MCm 30/50	MC 30/50	2.2	3		24	22	20	18	16	14	12	10	8	6	4	2			
–	MC 40/50	3	4		25	24	22	20	18	16	14	12	10	8	6	4			
MCm 30/65	MC 30/65	2.2	3		13	–	12	11	10.5	9.7	9	8	7.5	6.5	6	5	4.5	2	
–	MC 40/65	3	4		17	–	15	14	13.5	12.5	12	11	10.5	9.5	8.5	8	7	4.8	4

Q = Flow rate H = Total manometric head

Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3B.

POS. COMPONENT CONSTRUCTION CHARACTERISTICS

1 PUMP BODY	Cast iron with an Epoxy Electro Coating treatment, with threaded ports in compliance with ISO 228/1
2 IMPELLER	Precision cast stainless steel AISI 304 DOUBLE-CHANNEL type
3 MOTOR CASING	Cast iron with an Epoxy Electro Coating treatment
4 MOTOR CASING PLATE	Cast iron with an Epoxy Electro Coating treatment
5 MOTOR SHAFT	Stainless steel AISI 431

6 TWO MECHANICAL SEALS SEPARATED BY AN OIL CHAMBER

<i>Seal</i>	<i>Shaft</i>	<i>Position</i>	<i>Materials</i>		
<i>Model</i>	<i>Diameter</i>		<i>Stationary ring</i>	<i>Rotational ring</i>	<i>Elastomer</i>
STA-22	Ø 22 mm	Motor side	Ceramic	Graphite	NBR
STA-20	Ø 20 mm	Pump side	Silicon carbide	Silicon carbide	NBR

7 BEARINGS 6305 CM D 6 / 6204 ZZ - C3
8 ELECTRIC MOTOR

MCm 15-20-30: single-phase 230 V - 50 Hz
with thermal overload protector incorporated into the winding

MC: three-phase 400 V - 50 Hz.
with thermal overload protector incorporated into the winding to be connected to the control box (supplied on demand)

- Insulation: class F
- Protection: IP X8

9 POWER CABLE

10 metres long "H07 RN-F" cable

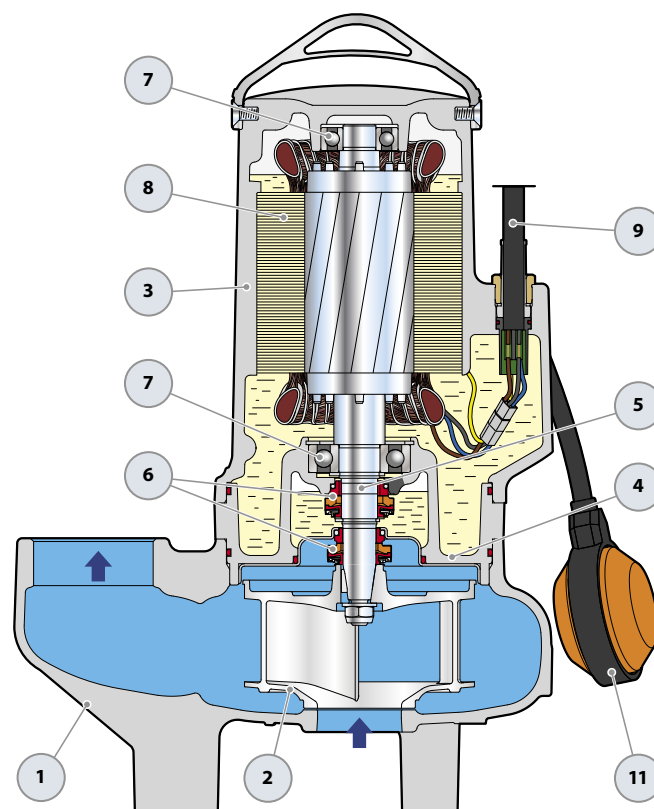
10 CONTROL BOX for MCm 15-20-30

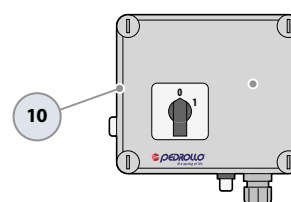
(only for single-phase versions)

Complete with capacitor and manual reset motor protector

11 FLOAT SWITCH

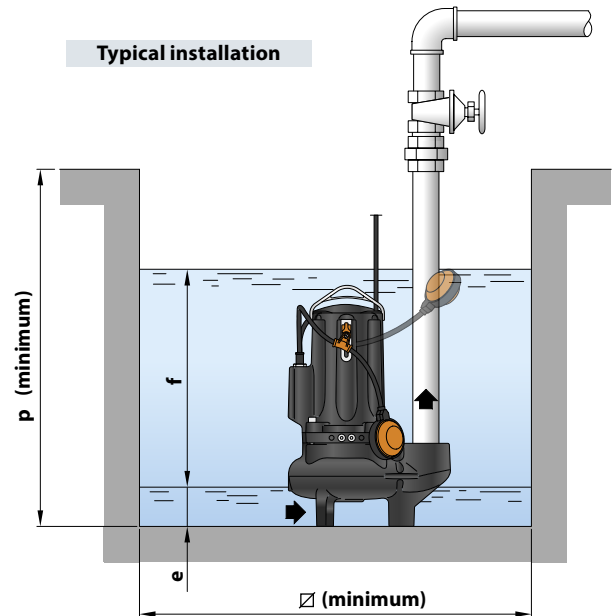
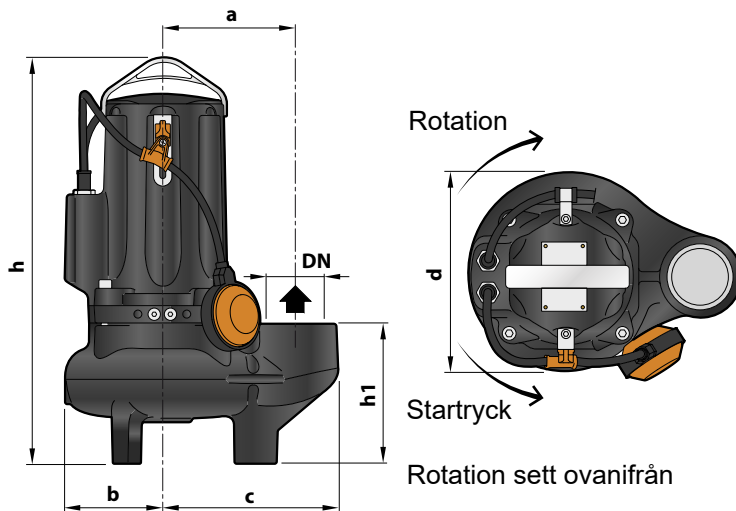
(only for single-phase versions)


OPTIONAL – Supporting Base

Standard Equipment


Control Box
(only for single-phase versions)

DIMENSIONS AND WEIGHT



MODEL		PORT DN	Passage of solids mm	DIMENSIONS mm										kg	
Single-phase	Three-phase			a	b	c	h	h1	d	e	f	p	Ø	1~	3~
MCm 15/50	MC 15/50	2½"	Ø 50	162	119	212	487	167	242	75	variable	800	800	42.0	40.5
MCm 20/50	MC 20/50						513 487							43.0	42.0
MCm 30/50	MC 30/50						513							48.0	43.0
-	MC 40/50						513							-	48.0
MCm 30/65	MC 30/65	3"	Ø 65	180	120	240	547 521	201	246	85	variable	800	800	50.0	45.0
-	MC 40/65						547							-	50.0

ABSORPTION AND CAPACITORS

MODEL	VOLTAGE	
	230 V	240 V
MCm 15/50	10.5 A	10.1 A
MCm 20/50	14.0 A	13.4 A
MCm 30/50	18.0 A	17.3 A
MCm 30/65	14.0 A	13.4 A

MODEL	VOLTAGE		
	230-240 V	400-415 V	690-720 V
MC 15/50	7.8 A	4.5 A	2.8 A
MC 20/50	8.7 A	5.0 A	3.3 A
MC 30/50	10.4 A	6.0 A	4.3 A
MC 40/50	11.2 A	6.5 A	4.8 A
MC 30/65	9.5 A	5.5 A	3.8 A
MC 40/65	13.0 A	7.5 A	5.8 A

MODEL	CAPACITANCE CAPACITORS	
	(230 V o 240 V)	
MCm 15/50	50 µF 450 VL	
MCm 20/50	50 µF 450 VL	
MCm 30/50	60 µF 450 VL	
MCm 30/65	60 µF 450 VL	