



Clean water



Domestic use



Civil use



※ Quiet, energy-efficient stainless steel multi-stage pumps

- ※ Pump body: **Stainless steel AISI 304**
- ※ Cover: **Stainless steel AISI 304**
- ※ Impellers: **Stainless steel AISI 304**
- ※ Shaft: **Stainless steel AISI 431**

PERFORMANCE RANGE

- Flow rate up to **130 l/min** (7.8 m³/h)
- Head up to **67 m**

APPLICATION LIMITS

- Manometric suction head up to **7 m**
- Liquid temperature between **-10 °C** and **+60 °C**
- Ambient temperature up to **+40 °C**
- Maximum working pressure **7 bar**

INSTALLATION AND USE

Designed to transfer clean water free from abrasive particles and liquids that will not damage the pump's components. Highly reliable and quiet, they are suitable for domestic applications.

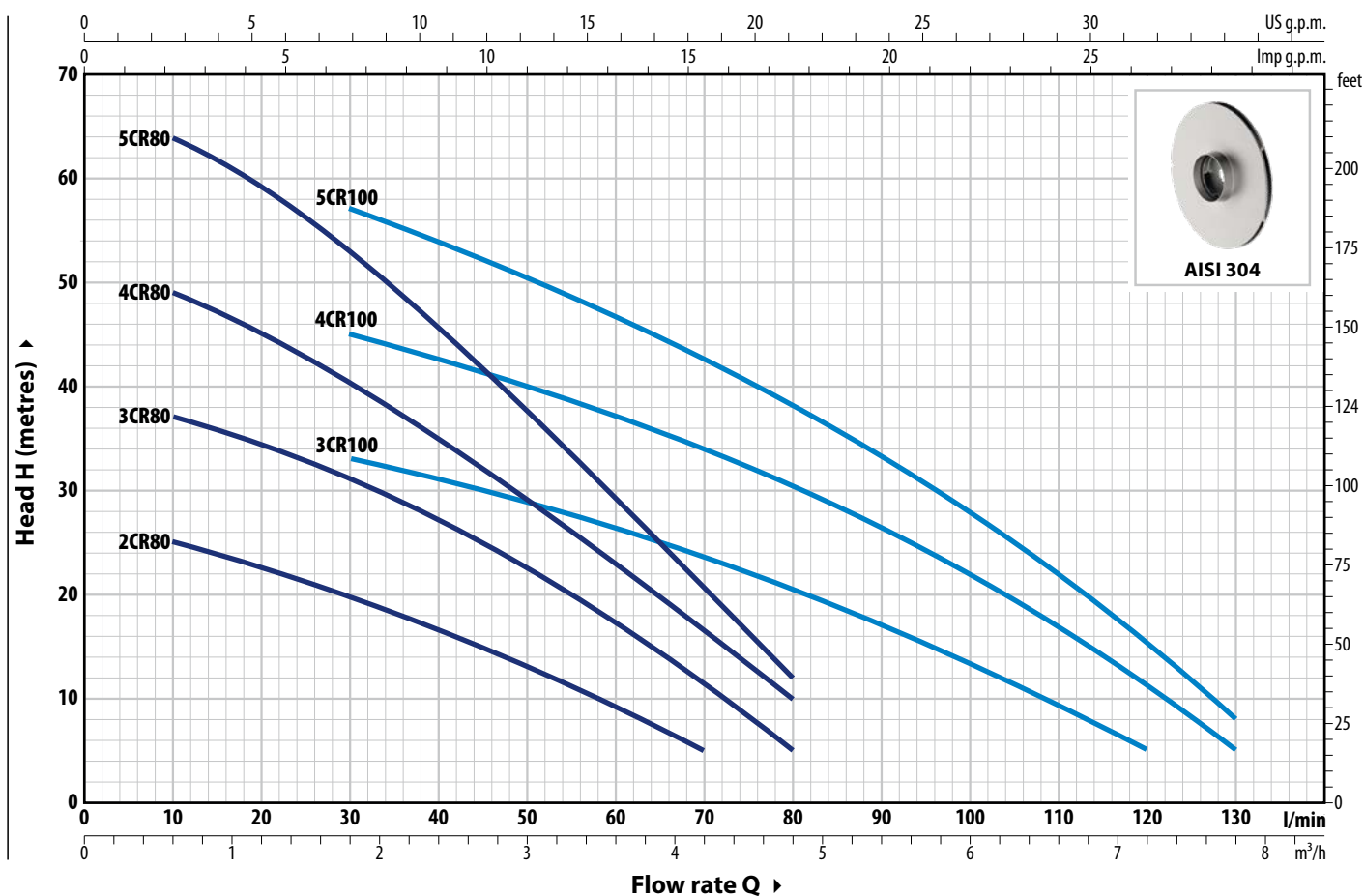
They work seamlessly with pressure tanks, offering an ideal setup for all irrigation requirements.

AVAILABLE UPON REQUEST

- ※ Technopolymer impeller (cost-effective version)
- ※ Mechanical seal options available
- ※ Different voltage or frequency
- ※ Certified pumps 

CURVES AND PERFORMANCE DATA – HS=0 m

60 Hz



TYPE		POWER (P ₂)		3~	Q	m³/h l/min	0	0.3	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8
Single-ph.	Three-ph.	kW	HP				0	5	10	20	30	40	50	60	70	80	90	100	110	120	130
2CRm 80	2CR 80	0.37	0.50	IE2	H m	27	26	25	22.5	20	16.5	13	9	5							
3CRm 80	3CR 80	0.45	0.60			40	38	37	34.5	31	27	22.5	17	11	5						
4CRm 80	4CR 80	0.55	0.75			52	50	49	44.5	40	34	28.5	22.5	16	10						
5CRm 80	5CR 80	0.75	1	IE3		67	66	64	59	53	45.5	37.5	29.5	20.5	12						
3CRm 100	3CR 100	0.55	0.75	IE2		38	37	36	34.5	33	31	28	26	23	20	17	13.5	10	5		
4CRm 100	4CR 100	0.75	1	IE3		50	50	49	47	45	42	39.5	37	34	30.5	26.5	22	17	11	5	
5CRm 100	5CR 100	1.1	1.5			63	62	61.5	59.5	57	53.5	50.5	46.5	42.5	38	33	28	22	15	8	

Q = Flow rate H = Total manometric head HS = Suction height

Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

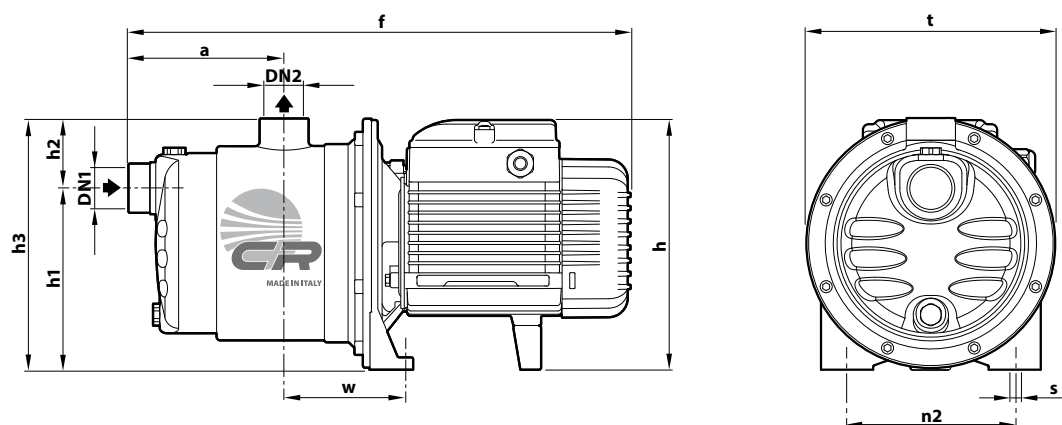
2-5CR

ABSORPTION

TYPE	VOLTAGE	
	220 V	110 V
2CRm 80	2.4 A	5.0 A
3CRm 80	3.4 A	6.9 A
4CRm 80	4.5 A	9.0 A
5CRm 80	5.3 A	12.0 A
3CRm 100	5.0 A	10.0 A
4CRm 100	6.2 A	12.0 A
5CRm 100	6.6 A	–

TYPE	VOLTAGE	
	220 V - Δ	380 V - 人
2CR 80	1.7 A	1.0 A
3CR 80	2.4 A	1.4 A
4CR 80	2.8 A	1.6 A
5CR 80	4.3 A	2.5 A
3CR 100	2.8 A	1.6 A
4CR 100	4.5 A	2.6 A
5CR 100	4.8 A	2.8 A

DIMENSIONS AND WEIGHT



TYPE		PORTS		DIMENSIONS mm										kg		
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	h2	h3	t	n2	w	s	1~	3~	
2CRm 80	2CR 80	1"	1"	113	367	182	132	51	183	182	120	87	9	6.9	6.9	
3CRm 80	3CR 80													7.9	7.9	
4CRm 80	4CR 80													9.1	8.4	
5CRm 80	5CR 80			138	410	202 *							10	11.8	11.8	
3CRm 100	3CR 100													9	8.6	7.9
4CRm 100	4CR 100													10	11.6	11.6
5CRm 100	5CR 100														12.4	11.7

(*) h=221 mm for single-phase 110V versions

PALLET CAPACITY

TYPE		GROUPAGE	CONTAINER
Single-phase	Three-phase	n. pumps	n. pumps
2CRm 80	2CR 80	84	120
3CRm 80	3CR 80	84	120
4CRm 80	4CR 80	84	120
5CRm 80	5CR 80	72	108
3CRm 100	3CR 100	84	120
4CRm 100	4CR 100	72	108
5CRm 100	5CR 100	72	108

MATERIALS AND COMPONENTS

1 Pump body	Stainless steel AISI 304 , provided with ISO 228/1 threaded ports		
2 Cover	Stainless steel AISI 304		
3 Impellers	Stainless steel AISI 304		
4 Diffusers	Noryl™ complete with wear rings		
5 Mechanical seal	Seal AR-13	Shaft Ø 13 mm	Materials Ceramic / Graphite / NBR
6 Motor shaft	Stainless steel AISI 431		
7 Electric motor	2-5CRm : single-phase 220 V - 60 Hz with winding integrated thermal motor protection 2-5CR : three-phase 220/380 V - 60 Hz – The three-phase pumps are fitted with high performance motors up to P2=0.55 kW in class IE2 and from P2=0.75 kW in class IE3 (IEC 60034-30-1) – Continuous running duty S1		

