



APPLICATION

- Rural water supply and garden irrigation
- HVAC and circulation & pressure boosting for cold and hot water
- Long-distance water transfer or supporting equipment
- Transfer clean water or other liquids similar in physical and chemical properties

PUMP

- Cast iron pump body
- Stainless steel/Brass impeller
- AISI 304 shaft
- Max liquid temperature: +40 °C

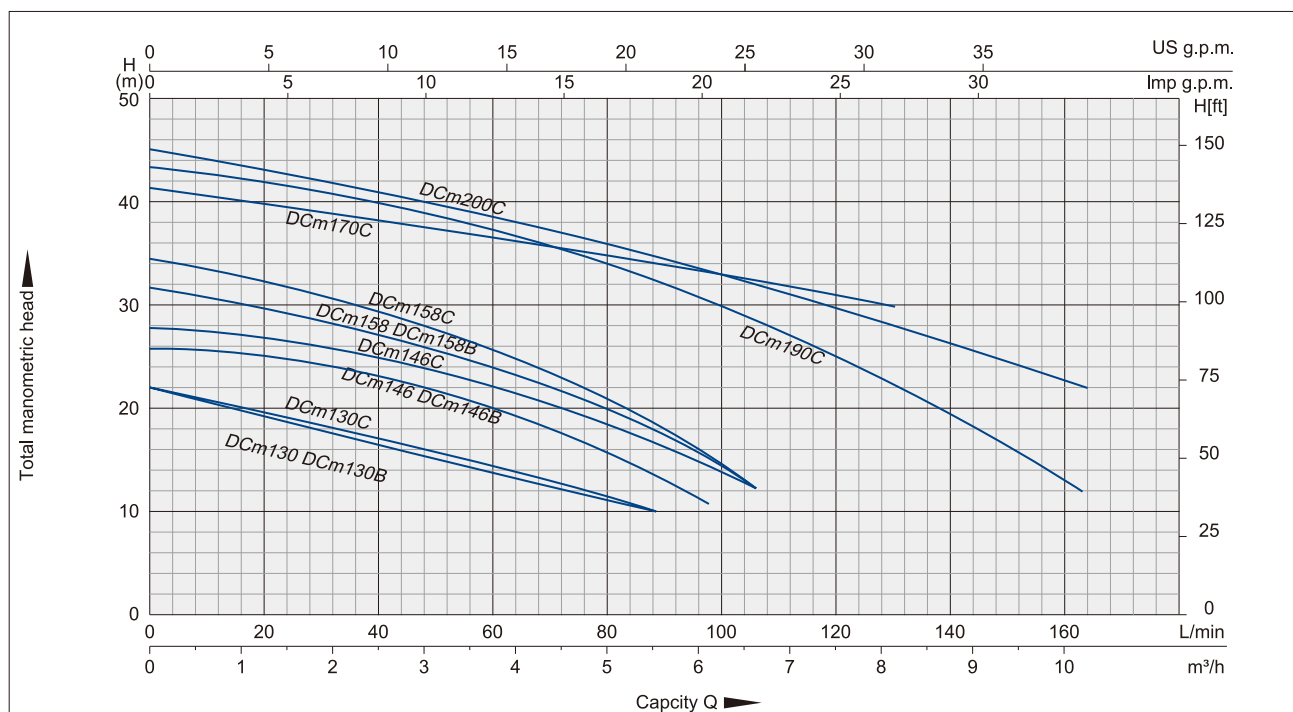
MOTOR

- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class:B
- Protection class:IP44
- Max ambient temperature: +40 °C

INSTRUCTION

DCm 130 B/C
 Appearance Type
 Impeller Nominal Diameter (mm)
 Micro Centrifugal Pump (Single phase)

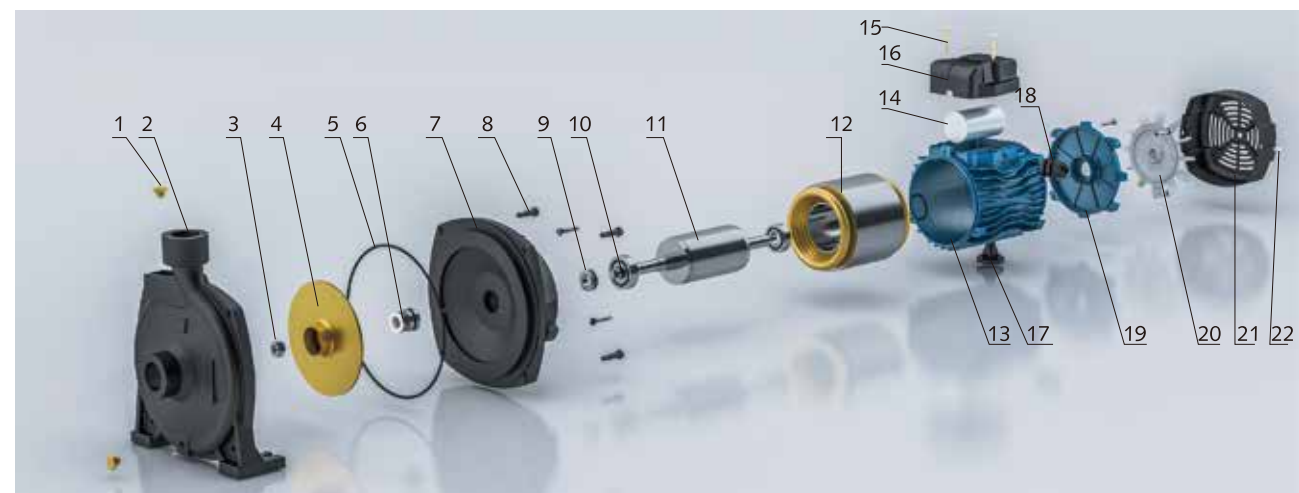
PERFORMANCE CURVES



TECHNICAL TABLE n=3000 r/min

Model	Inlet (in)	Outlet (in)	Power		Q(m³/h) Q(L/min)	0	1	2	3	4	5	6	7	8	9
			(kW)	(HP)		0	16.7	33.3	50	66.7	83.3	100	116.7	133.3	150
DCm130	1"	1"	0.37	0.5	H(m)	20	17	15.5	14	12	10	/	/	/	/
DCm130B	1"	1"	0.37	0.5		20	17	15.5	14	12	10	/	/	/	/
DCm130C	1"	1"	0.37	0.5		20	17.5	16.5	14.5	12.5	9.5	/	/	/	/
DCm146	1"	1"	0.55	0.75		24	23	22	20	19	17	16	/	/	/
DCm146B	1"	1"	0.55	0.75		24	23	22	20	19	17	16	/	/	/
DCm146C	1"	1"	0.55	0.75		26	24	23	22	18	16	15	/	/	/
DCm158	1"	1"	0.75	1		30	29	27	24	23	18	15	/	/	/
DCm158B	1"	1"	0.75	1		30	29	27	24	23	18	15	/	/	/
DCm158C	1"	1"	0.75	1		33	31	29	26	25	20	17	/	/	/
DCm170C	1 1/4"	1"	1.1	1.5		40	37	34	32	30	27	26	25	25	/
DCm190C	1 1/4"	1"	1.5	1.5		42	40	38	36	34	32	30	24	12	5
DCm200C	1 1/4"	1"	2.2	3		45	42	40	38	36	33	32	26	17	5

MODEL ANALYSIS



NO.	Component	NO.	Component	NO.	Component	NO.	Component
1	Bleed screw	7	Connector	13	Pump base	19	Wave washer
2	Pump body	8	Hexagonal head bolt	14	Capacitor	20	Fan
3	Nut	9	Water thrower	15	Phillips screw	21	Fan cover
4	Impeller	10	Bearing	16	Junction box	22	Fan cover screw
5	"O" Ring	11	Rotor	17	Arm-brace	23	
6	Mechanical seal	12	Stator	18	Four-piece suit	24	

INSTALLATION METHOD AND SIZE

Model	L(mm)	L1(mm)	W(mm)	W1(mm)	H(mm)	H1(mm)	Weight(kg)	Packaging Size(mm)	QTY/20GP
DCm130	259.5	42	167	130	216	87.5	9.2	285×175×235	2254
DCm130B	295	44.5	175	143	226	95.5	12	320×210×270	1456
DCm130C	303.5	47	192	159	242	98.5	14	340×210×270	1371
DCm146	260	42	167	130	216	87.5	9.2	285×175×235	2254
DCm146B	295	44.5	175	143	226	95.5	12	315×205×265	1544
DCm146C	303.5	47	192	159	242	98.5	14	330×205×270	1446
DCm158	260	42	167	130	216	87.5	9.2	300×195×240	1882
DCm158B	295	44.5	175	143	226	95.5	12	325×205×275	1442
DCm158C	303.5	47	192	159	242	98.5	13.5	345×205×272	1373
DCm170C	345	49	225	175.5	256	107	20.1	375×240×290	1012
DCm190C	345	49	225	175.5	256	107	33.6	415×295×390	553
DCm200C	355	55.5	253	203	286	120	38	415×295×390	553