EUROCOM

MULTISTAGE CENTRIFUGAL PUMPS



TECHNICAL DATA

Operating range:
from 10 to 120 litres/min. with head up to 72 m
Liquid quality requirements: clean, free from solid or abrasive contaminants, non-viscous, non-aggressive, uncrystallised and chemically neutral, close to the properties of water
Liquid temperature range:
for domestic use: from 0°C to +35°C (EN 60335-2-41)
for other use: from 0°C to +40°C
Maximum ambient temperature: +40°C
Maximum operating pressure: 6 bar (600 kPa)
Installation: fixed or portable in a horizontal position
Motor protection rating: IP 44
Terminal block protection rating: IP 55
Insulation class: F
Standard input voltage: single phase 220/240 V - 50 Hz
three phase 230/400 V - 50 Hz

APPLICATIONS

Multi-stage centrifugal pump with horizontal shaft, featuring extremely quiet operation suitable for domestic water supply and pressurisation, irrigation of gardens and general water movement.

CONSTRUCTIONAL FEATURES OF THE PUMP

Pump body in technocpolymer. Motor support in die cast aluminium, with seal holder cover in AISI 304 stainless steel. Carbon/ceramic mechanical seal. Rotor shaft in AISI 304 stainless steel. Impeller and diffuser bodies and diffuser in technopolymer. Stainless steel wear ring.

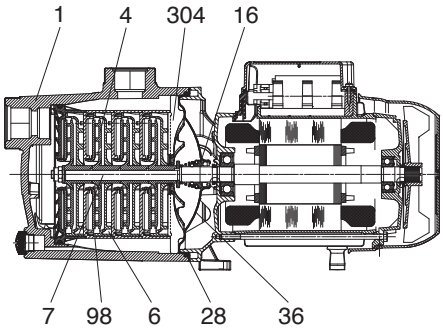
CONSTRUCTIONAL FEATURES OF THE MOTOR

Asynchronous, continuous service motor.
Incorporated thermo-amperometric protection and permanently inserted capacitor in the single phase version.
Overload protection to be provided by the user for the three-phase version.

MATERIALS

N°	PARTS*	MATERIALS
1	PUMP BODY	TECHNOPOLYMER
4	IMPELLER	TECHNOPOLYMER
6	DIFFUSER	TECHNOPOLYMER
7	SHAFT WITH ROTOR	AISI 304 STAINLESS STEEL X5CrNi 1810 UNI 6900/71
16	MECHANICAL SEAL	CARBON/CERAMIC
28	OR GASKET	NBR
36	SEAL HOLDER COVER	AISI 304 STAINLESS STEEL X5CRNI 1810 UNI 6900/71
98	DIFFUSER BODY	TECHNOPOLYMER
304	REAR DISC	TECHNOPOLYMER

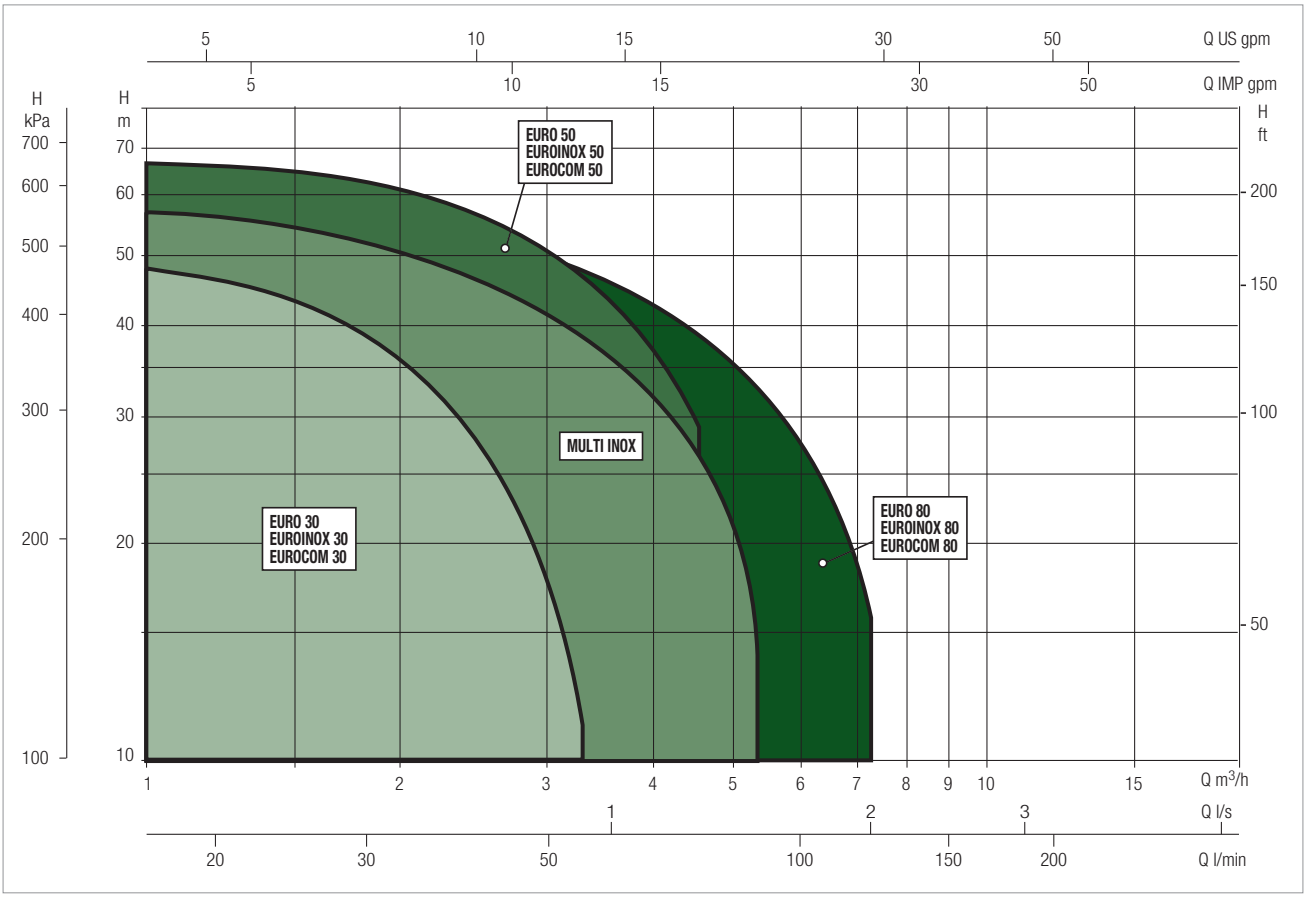
* In contact with liquid



PERFORMANCE RANGE

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

GRAPHIC SELECTION TABLE

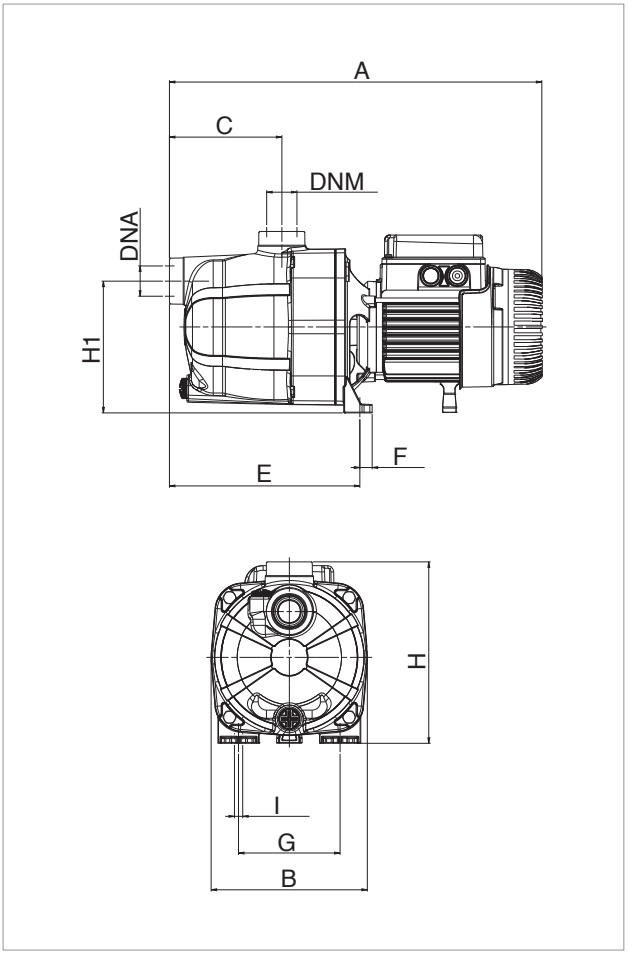


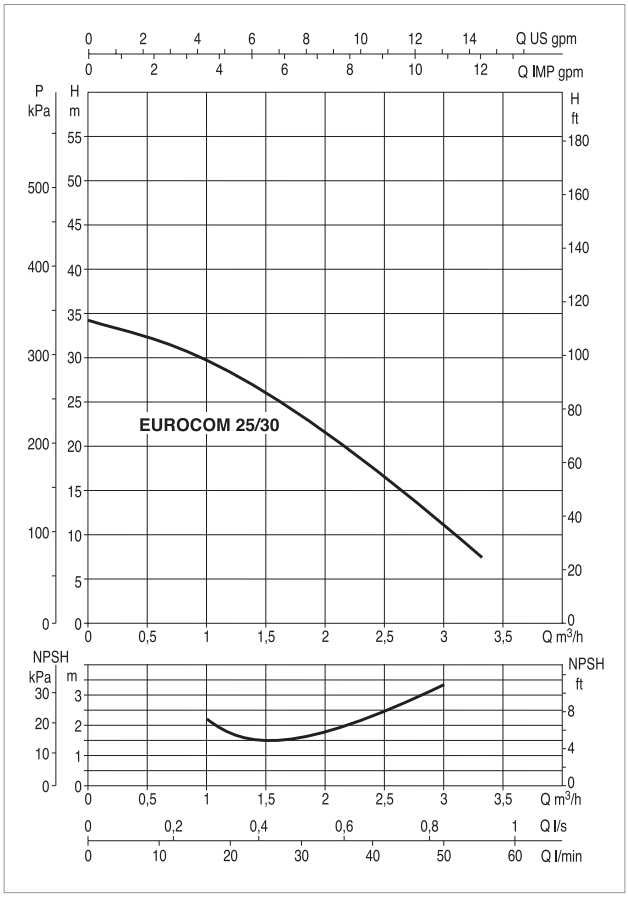
EUROCOM SELECTION TABLE

MODEL	Q=m³/h	0	0,6	1,2	1,8	2,4	3,0	3,6	4,2	4,8	6	7,2
	Q=l/min	0	10	20	30	40	50	60	70	80	100	120
EUROCOM 25/30 M	H (m)	34,4	31,7	28,3	23,5	17,5	11					
EUROCOM 30/50 M		42,2	40,2	38,2	36,2	33,8	30	24,8	19,5	14		
EUROCOM 40/50 M		57,7	55,3	52,8	50,1	47,1	42,7	35,8	28	19,2		
EUROCOM 40/50 T		57,7	55,3	52,8	50,1	47,1	42,7	35,8	28	19,2		
EUROCOM 30/80 T		47		46,5	45	43,5	41	38	34,5	31	23	12

EUROCOM 30 - SELF-PRIMING MULTISTAGE CENTRIFUGAL PUMPS

Liquid temperature range pumped: from 0 °C to +35 °C - **Maximum ambient temperature:** +40°C





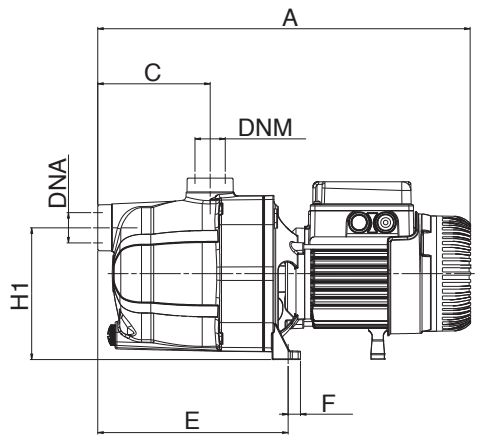
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equivalent to 1000 kg/m³. Curve tolerance according to ISO 9906.

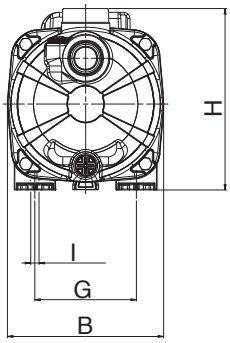
MODEL	ELECTRICAL DATA							
	N° IMPELLER	POWER SUPPLY 50 Hz	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR	
				kW	HP		µF	Vc
EUROCOM 25/30 M	3	1x220-240 V ~	0,52	0,37	0,5	2,4	10	450

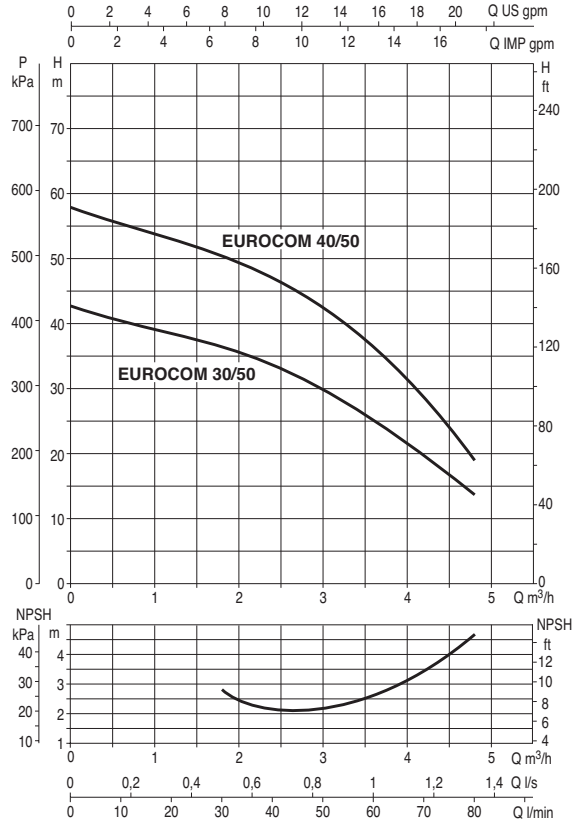
MODEL	A	B	C	E	F	G	I Ø	H	H1	H2	DNA GAS	DNM GAS	PACKING DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
													L/A	L/B	H		
EUROCOM 25/30 M	406	170	122	208	14	111	9	198	144	-	1 "	1 "	470	240	240	0,027	8

EUROCOM 50 - SELF-PRIMING MULTISTAGE CENTRIFUGAL PUMPS

Liquid temperature range pumped: from 0 °C to +35 °C - Maximum ambient temperature: +40°C







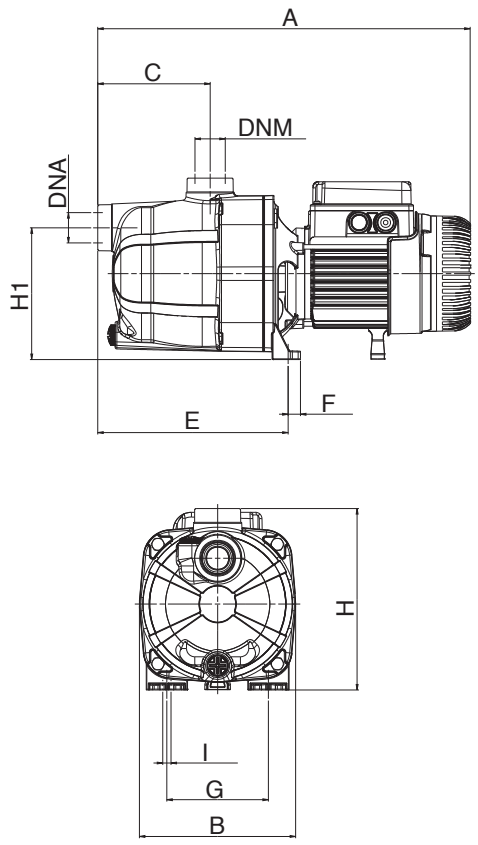
The performance curves are based on the kinematic viscosity values = 1 mm^2/s and density equivalent to 1000 kg/m^3. Curve tolerance according to ISO 9906.

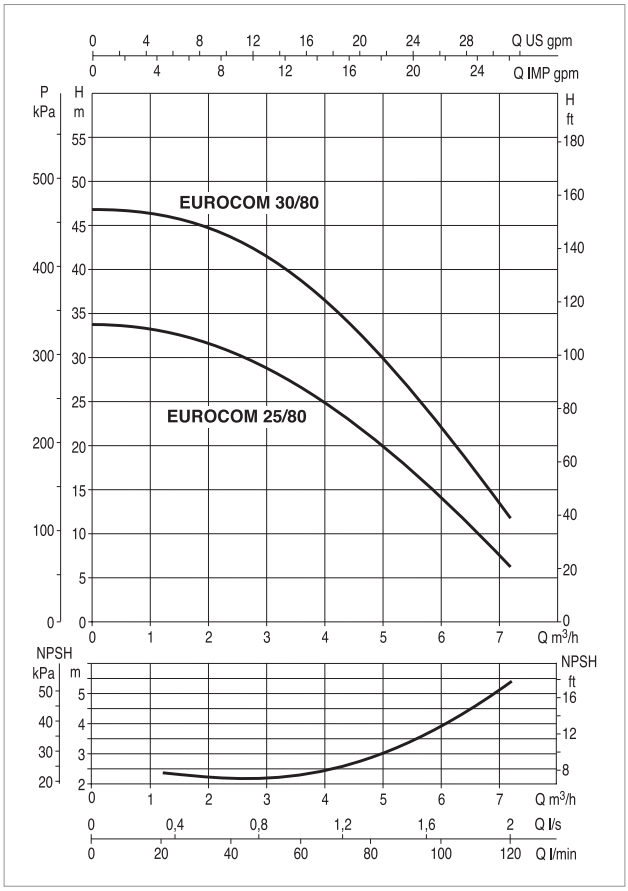
MODEL	ELECTRICAL DATA								
	N° IMPELLER	POWER SUPPLY 50 Hz	MOTOR TYPE	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR	
					kW	HP		µF	Vc
EUROCOM 30/50 M	3	1x220-240 V ~	-	0,88	0,55	0,75	3,9	12,5	450
EUROCOM 40/50 M	4	1x220-240 V ~	-	1,2	0,75	1	5,3	25	450
EUROCOM 40/50 T	4	3x230-400 V ~	IE3	1,07	0,75	1	3,6/2,1	-	-
EUROCOM 40/50 T	4	3x230-400 V ~	IE2	1,18	0,75	1	3,8/2,2	-	-

MODEL	A	B	C	E	F	G	I Ø	H	H1	H2	DNA GAS	DNM GAS	PACKING DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
													L/A	L/B	H		
EUROCOM 30/50 M	406	170	122	208	14	111	9	198	144	-	1 "	1 "	470	240	240	0,027	8,8
EUROCOM 40/50 M	406	170	122	208	14	111	9	203	144	-	1 "	1 "	470	240	240	0,027	11
EUROCOM 40/50 T	422	170	122	208	14	111	9	203	144	-	1 "	1 "	470	240	240	0,027	11

EUROCOM 80 - SELF-PRIMING MULTISTAGE CENTRIFUGAL

Liquid temperature range pumped: from 0 °C to +35 °C - **Maximum ambient temperature:** +40°C





The performance curves are based on the kinematic viscosity values = 1 mm^2/s and density equivalent to 1000 kg/m^3. Curve tolerance according to ISO 9906.

MODEL	ELECTRICAL DATA								
	N° IMPELLER	POWER SUPPLY 50 Hz	MOTOR TYPE	P1 MAX KW	P2 NOMINAL		In A	CAPACITOR	
					kW	HP		µF	Vc
EUROCOM 30/80 T	4	3x230-400 V ~	IE3	1,06	0,8	1,1	3,6/2,1	-	-
EUROCOM 30/80 T	4	3x230-400 V ~	IE2	1,18	0,8	1,1	3,8/2,2	-	-

MODEL	A	B	C	E	F	G	I Ø	H	H1	H2	DNA GAS	DNM GAS	PACKING DIMENSIONS			VOLUME (mc)	GROSS WEIGHT Kg
													L/A	L/B	H		
EUROCOM 30/80 T	425	170	122	208	14	111	9	203	144	-	1 "	1 "	470	240	240	0,027	11

50250023 - 05/2021

DAB PUMPS reserve the right to make modifications without prior notice