

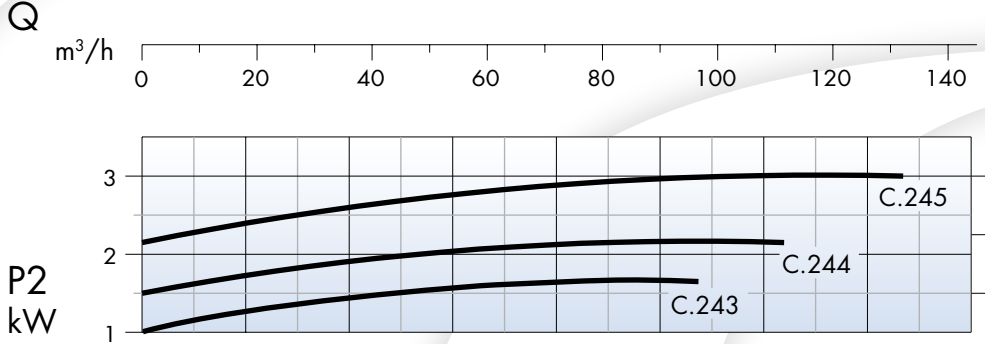
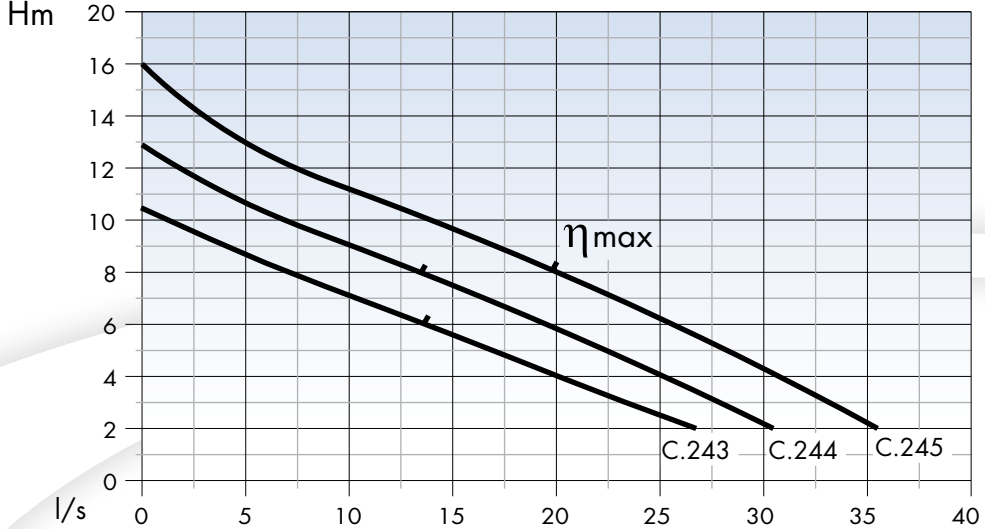


Girante - Impeller
MONOCANALE
SINGLE CHANNEL



Passaggio corpi solidi
Free passage
Ø 90 mm

DN 100 - 1450 1/min



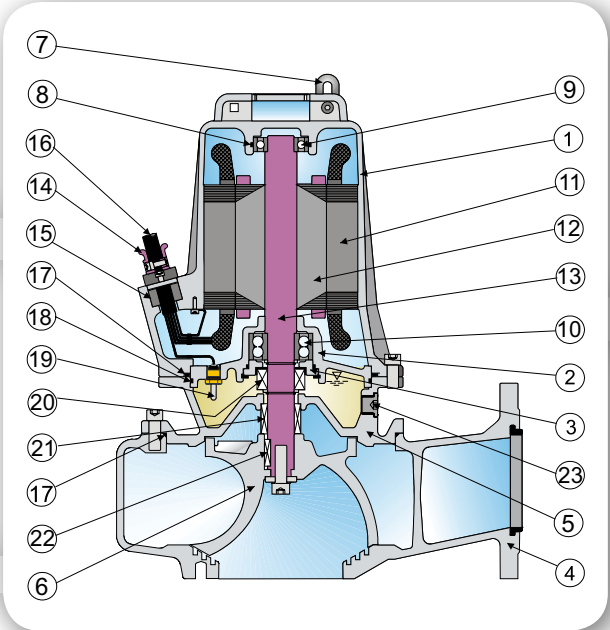
- Applicazioni**
Elettropompa sommergibile con alte prestazioni per fognature. Per il convogliamento di acque nere grezze, fanghi di ricircolo e fanghi caldi, miscugli di acque, fanghi grezzi e fanghi putridi, fanghi ravvivati.
- Motore**
Motore asincrono a 4 poli con rotore a gabbia di scoiattolo. Isolamento Statore: Classe F = 155°C
Grado Protezione: IP 68
- Tenute**
Tenuta lato motore: Ceramica/Graffite Ø25
Tenuta lato girante: Carburo di silicio+Viton Ø25
- Direttive, Normative, Tolleranze**
Curve secondo ISO 9906 livello 2

- Applications**
Submersible electric motor pump for high delivery operations for sewage plants. For pumping of raw dirty waters, flow-by and hot sludge, mixed waters, raw and rotten sludge, stirred sludge.
- Motor**
Asynchronous electric 4 poles motor with squirrel-cage rotor. Stator Insulation: F = 155 °C
Protection class: IP 68
- Seals**
Seal type applied to the motor side: Carbon/Ceramic Ø25
Seal type applied to the wet end side: Silicon-Carbide+Viton Ø25
- Directives, Norms, Tolerances**
Curves as per ISO 9906, Grade 2

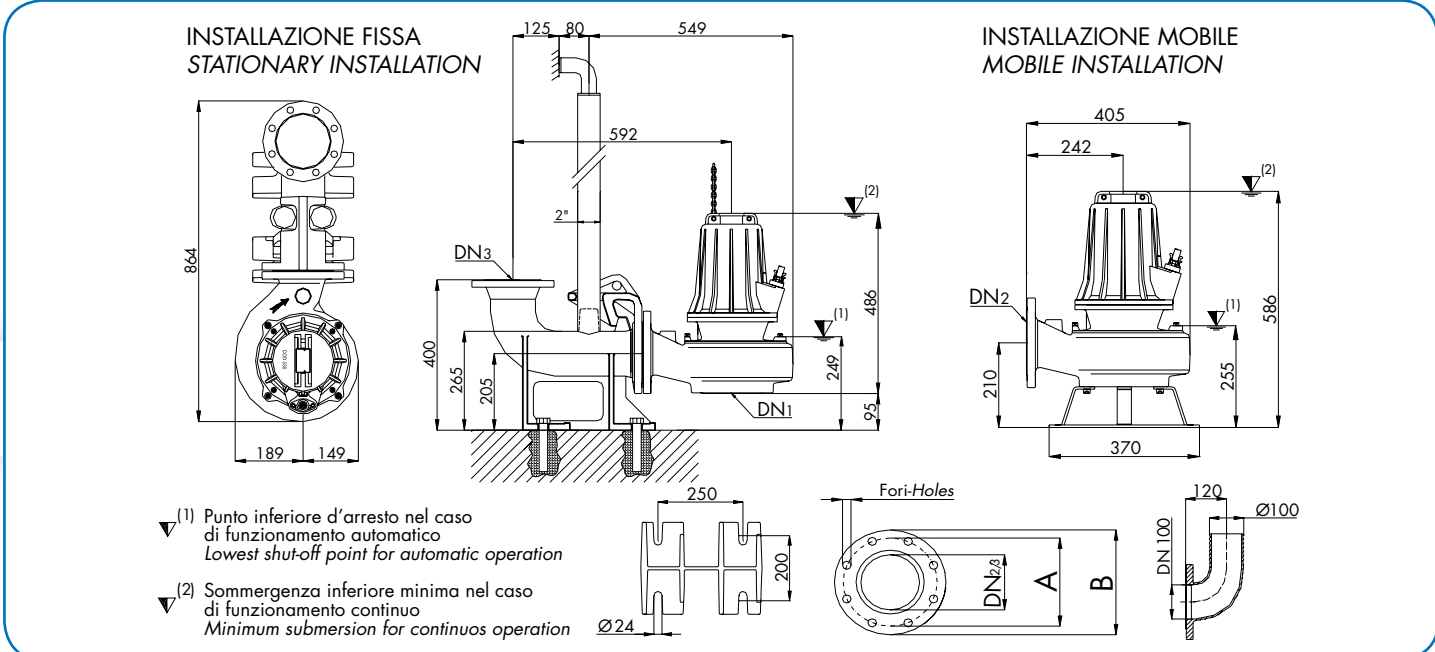
Dati Tecnici - Specifications

Tipo - Type	Q	l/s	2,5	5	7,5	10	12,5	15	20	25	30	35
		l/m	150	300	450	600	750	900	1200	1500	1800	2100
		m³/h	9	18	27	36	45	54	72	90	108	126
AT 100/4/152 C. 243	H m	9,5	8,8	8,0	7,0	6,5	5,5	4,0	2,5			
AT 100/4/152 C. 244		11,8	10,8	10	9,0	8,2	7,5	6,0	4,0	2,0		
AT 100/4/152 C. 245		14	13	12	11	10,5	9,7	8,0	6,0	4,2	2,0	
Tipo - Type	Mandata Delivery	kW			R.p.m.	Poli Poles	A	Hz	cos φ			
		P1	P2	Hp	1/min		400V 3 ~					
AT 100/4/152 C. 243	Dn2 - 100	2,1	1,7	2,2	1450	4	3,9	50	0,76			
AT 100/4/152 C. 244		2,8	2,2	3	1450	4	5,1	50	0,81			
AT 100/4/152 C. 245		3,8	3	4	1450	4	7	50	0,77			

AT 100/4/152 C. 243-244-245



Descrizione Description	Materiali Materials
1 Cassa motore - Motor casing	Ghisa G25 - Cast iron G25
2 Porta cuscinetto - Bearing support	
3 Ghiera blocca cuscinetto - Bearing locking ring	
4 Corpo pompa - Pump casing	
5 Porta motore - Motor support	Acciaio inox Aisi 416 - Stainless steel Aisi 416
6 Girante - Impeller	
7 Anello catena - Chain ring	
8 O' Ring - O' Ring	
9 Cuscinetto superiore - Upper ball bearing	Gomma nitrilica - Nitrilic rubber
10 Cuscinetto inferiore - Lower ball bearing	
11 Statore - Stator	
12 Rotore - Rotor	
13 Albero motore - Motor shaft	Acciaio inox Aisi 420 - Stainless steel Aisi 420
14 Pressacavo - Cable clamp	
15 Passacavo - (Cable) Grommet	Ghisa G25 - Cast iron G25
16 Cavo alimentazione - Net supply cable	
17 O' Ring - O' Ring	Gomma nitrilica - Nitrilic rubber
18 O' Ring - O' Ring	
19 Sensore umidità - Conductivity seal sensor	Ceramica/Graffite - Carbon/Ceramic
20 Tenuta meccanica superiore - Upper mechanical seal	
21 Tenuta meccanica inf. - Lower mech. seal	Carburo di silicio + viton - Silicon carbide + viton
22 Chiavetta - Key	
23 Tappo olio - Oil plug	Acciaio inox Aisi 416 - Stainless steel Aisi 416
Viteria - Bolts	



TIPO - TYPE	DN1	DN2/3	A	B	FORI - HOLES		OPTIONAL		
AT 100/4/152 C. 243 AT 100/4/152 C. 244 AT 100/4/152 C. 245	100	100	180	220	N° 8	Ø 18			
							P6 DN 100	B6 DN 100	DN 100 - PN16

TIPO - TYPE	CAVO - CABLE	SONDE - SENSOR	TENUTE - SEALS	CUSCINETTI - BEARINGS
AT 100/4/152 C. 243 AT 100/4/152 C. 244 AT 100/4/152 C. 245	3 ~ 400 V (1) 7x1,5 Ø 15 Avv. Diretto / Con terminali liberi D.O.L. / With free terminals	MT 10 Sonda termica Thermal probe Sonda di conduttività Conductivity probe	SI YES SUP./UPPER INF./LOWER AR 25 MG1S25-G26	SI YES SUP./UPPER INF./LOWER 6205 2Z 3205 2Z

TIPO - TYPE	X	Y	Z	Kg
AT 100/4/152 C. 243	400	620	470	71,5
AT 100/4/152 C. 244	400	620	470	73,5
AT 100/4/152 C. 245	400	620	470	75

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Doc_Rev.0
Date_01/05/08