

OMA100D

Pompa centrifuga orizzontale, monoblocco, albero a sbalzo, tenuta meccanica interna, bilanciata
Close coupled horizontal centrifugal pump, end suction, single stage, internal, balanced mechanical seal

Girante sospesa aperta
Open overhung impeller

Ø 220

Bocchelli aspirazione/mandata
Suction/discharge connections

Flangia libera – *Backing flange*

DN 100

Peso
weight

netto *net*

45 ÷ 70 kg

lordo *gross*

kg

Dimensioni - *dimensions*

mm

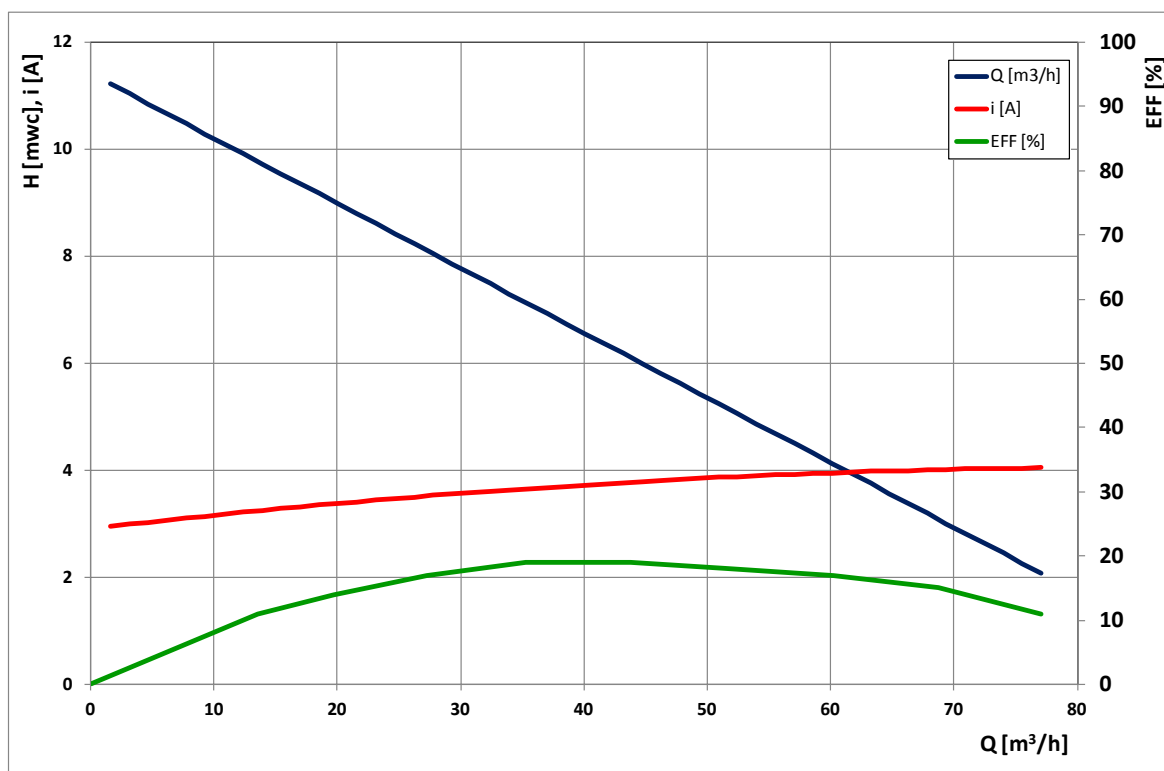
Motore elettrico trifase CVE
Three-phases electric motor TEFC

4 kW – 1450 rpm – IP55 – F/B Insulation class - 400 Volt 50 Hz 8.03 A

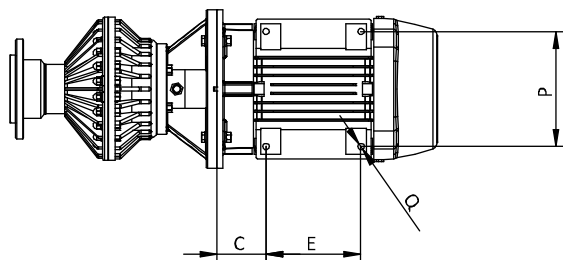
Tabella prestazioni - *Performance table*

No	assorbimento - <i>absorption</i>		portata-delivery		prevalenza - <i>head</i>		eff.	4 kW	5.5 kW	dB(A)
	V	A	kW	l/min	m³/h	m w.c.	%	SG kg/m³ max	SG kg/m³ max	
1	400	6.3	4.0	1226	73.6	2.5	11	1200	1700	≤ 85
2		6.3	4.0	1157	69.4	3	14	1250	1700	
3		6.2	3.9	882	52.9	5	18	1300	1750	
4		5.9	3.7	607	36.4	7	19	1300	1800	
5		5.6	3.4	332	19.9	9	14	1400	1900	
6		5.4	3.1	126	7.5	10.5	9	1450	2000	
7		5.2	2.9	0	0	11.0	0	1500	2000	
8										

Curva – *Curve*



OMA100 – PP / PVC / PVDF


Motore – *Motor*

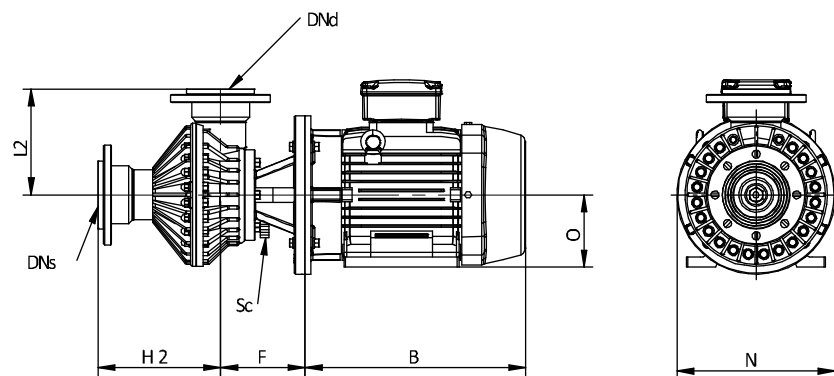
kW	Poles	IEC Frame	B ¹	C	E	O	P	Q		kg ¹
4	4	112M	335	70	140	112	190	12	M10	44
11	2	160M	490	108	210	160	254	14.5	M12	115
15	2	160M	490	108	210	160	254	14.5	M12	119

Pompa – *Pump*

IEC Frame	F	H2	L2	N	Sc ²	kg ¹ (PP)
112M	187	264	235	317	Ø20	19
160M	187	264	235	350	Ø20	19

Attacchi – *Connections*

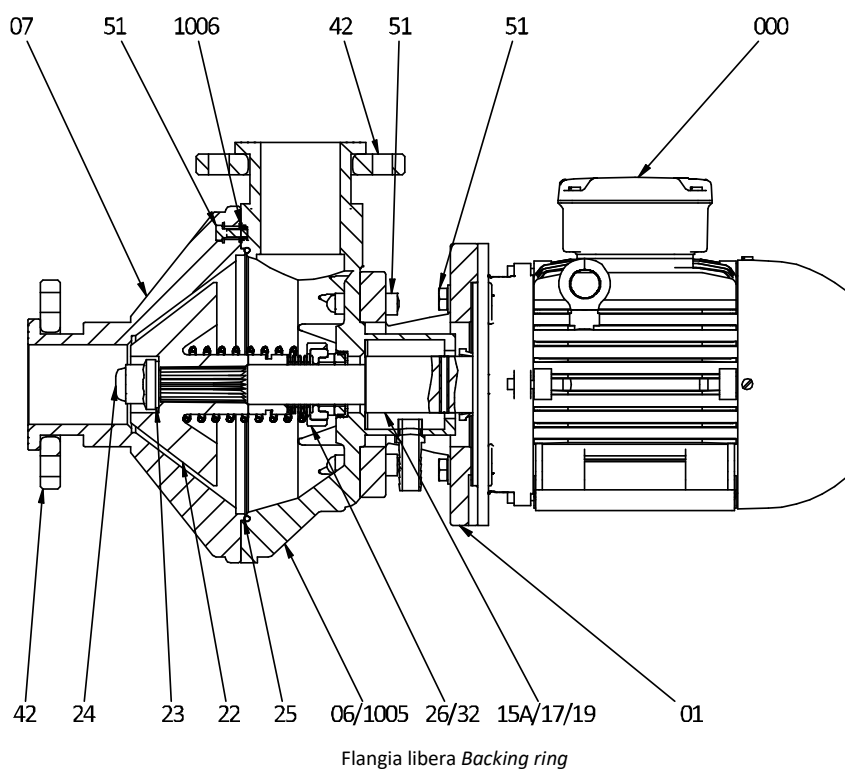
	H0	DNs	L0	DNd	H1	Ds	L1	Dd	Dfs	Dfd
Flangia libera Backing ring ³	-	d110 DN100	-	d110 DN100	-	-	-	-	-	-
Flangia libera Backing ring ⁴	-	4"	-	4"	-	-	-	-	-	-
Portagomma Hose adaptor ⁵	-	-	-	-	-	-	-	-	-	-
Filetto femmina Female threaded ⁵	-	-	-	-	-	-	-	-	-	-


Flangia libera – *Backing ring*
¹Dimensioni e pesi suscettibili di variazione - *Dimensions and weights subject to variations*
²Portagomma di drenaggio in caso di rottura della tenuta meccanica - *Hose drain in case of failure of the mechanical seal*
³PN10/16 EN1092-1 (DIN 2501)

⁴ANSI B 16.5 150 lbs

⁵ISO 228/1

OMA100 – PP / PVC / PVDF



Codice - Part-No.	Denominazione	Designation	Qt.
00	Motore	Motor	1
01	Castelletto motore	Motor stool	1
06/1005/42	Corpo pompa/Collare/Flangia libera	Pump casing/Stub/Backing ring	1
07/42	Coperchio pompa/Collare/Flangia libera	Pump cover/Stub/Backing ring	1
15A/17/19	Albero completo	Complete shaft	1
22	Girante	Impeller	1
23	Rondella girante	Impeller washer	1
24	Dado girante	Impeller nut	1
25	O Ring	O Ring	1
26/32	Tenuta meccanica	Mechanical seal	1
51	Serie Bulloneria/Rondelle	Nuts/Bolts/Washers Set	1
1006	Rondella	Washer	2

OPZIONI MATERIALI – MATERIAL OPTIONS

Corpo	Pump casing	PP - PVC - PVDF
Coperchio - Girante	Cover - Impeller	PP - PVC - PVDF - PEHD
Tenuta meccanica	Mechanical seal	PTFE/Al2O3 - PTFE/SiC
Albero	Shaft	SS / PP - PVC - PVDF
O Ring	O Ring	EPDM - FPM - PFA
Bulloneria	Bolts and nuts	SS - BR / PP - PVC - PVDF