

OMA50A

Pompa centrifuga orizzontale, monoblocco, albero a sbalzo, tenuta meccanica interna, bilanciata
Close coupled horizontal centrifugal pump, end suction, single stage, internal, balanced mechanical seal
Pompe centrifuge horizontale, à un étage, garniture mécanique, équilibrée lubrifiée par le liquid pompé

girante sospesa aperta open overhung impeller roue ouverte en porte-à-faux	Ø 150	Bocchelli aspirazione/mandata Nozzles suction/discharge Bride aspiration/refoulement	Portagomma – Hose adaptor – Embout cannelé		Ø 60 mm
			Flangia libera – Backing ring – Bride libre		DN50
			Filetto femmina – Parallel threaded – Femelles taraudée		2"
			Peso netto - net weight		26/40 kg
			Peso lordo - gross weight		33/50 kg
			Dimensioni - dimensions		75X40X40 cm

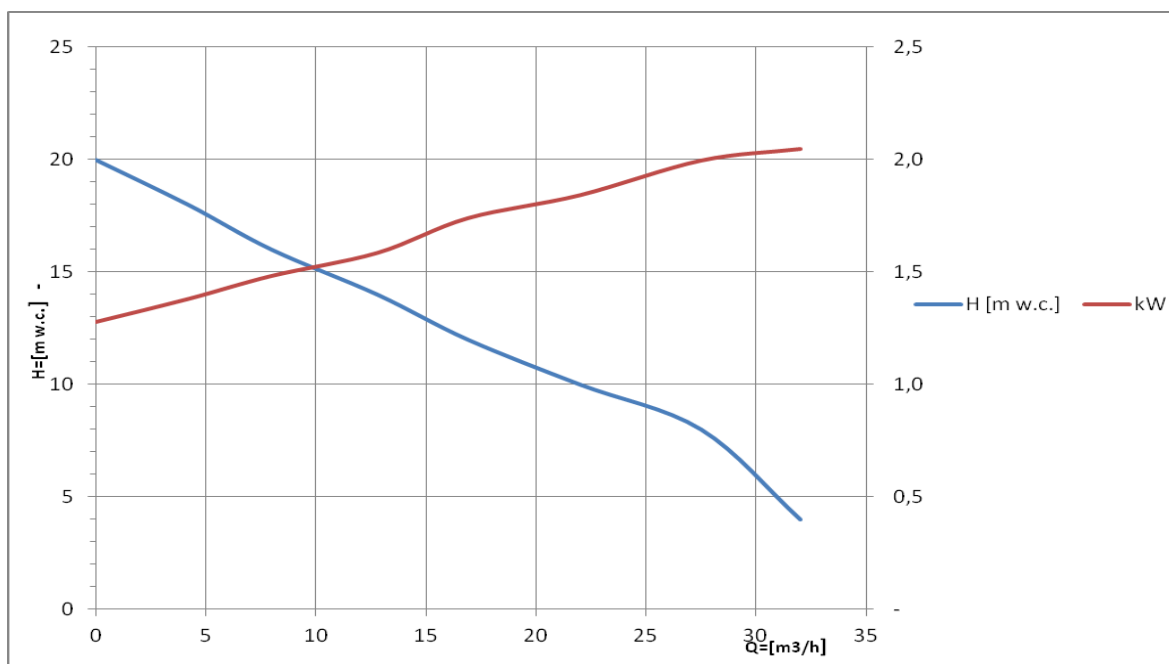
Motore elettrico trifase CVE
Three-phases electric motor TEFC
Moteur électrique triphasés FVE

2800 rpm - IP55 - F/B Insulation class – Volt 400/430 -230/260 50Hz

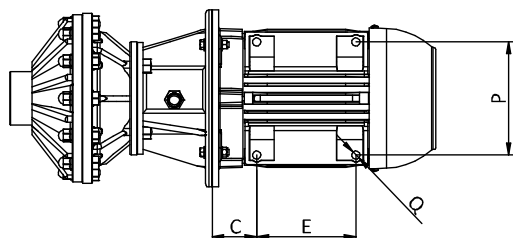
Caratteristiche di funzionamento - Performance data - Données

	current	pot. ass.-ads. power-puiss.abs.			portata-delivery-débit		head	Eff.	2.2 kW	3 kW	dB(A)
No	V	A	kW	HP	l/min	m³/h	m w.c.	%	SG kg/m³		≤ 75
1	400	4.0	2.0	2.7	530	31.8	4	17	1000	1400	
2		3.9	2.0	2.7	465	27.9	8	31	1000	1400	
3		3.6	1.8	2.5	365	21.9	10	33	1200	1600	
4		3.4	1.7	2.3	280	16.8	12	32	1250	1700	
5		3.1	1.5	2.1	210	12.6	14	31	1400	1800	
6		2.9	1.4	2.0	130	7.8	16	23	1500	1850	
7		2.7	1.3	1.8	70	4.2	18	15	1550	1900	
8		2.5	1.2	1.7	0	0	20	0	1600	1950	

Curva – Curve - Curbe



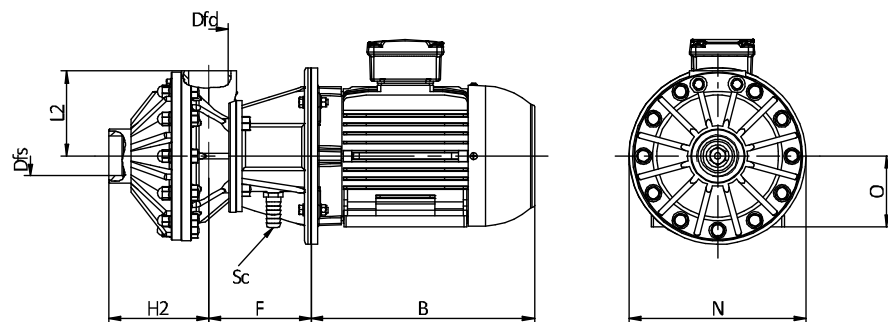
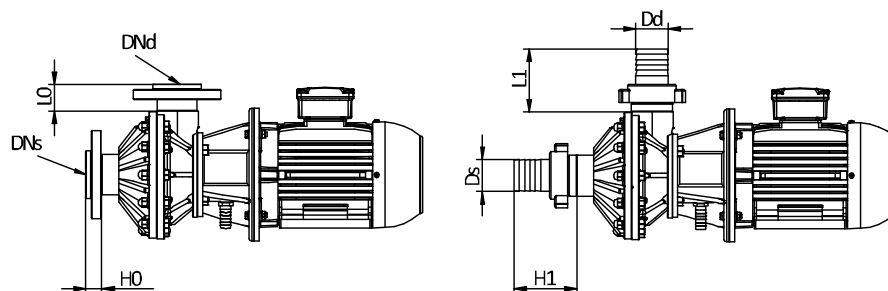
OMA50 – PP / PVC / PVDF


Motore – *Motor*

kW	Poles	IEC Frame	B ¹	C	E	O	P	Q		kg ¹
1.1	4	90S	255	56	100	90	140	10	M8	19.5
2.2	2	90L	270	56	125	90	140	10	M8	23.5
3	2	100L	315	63	140	100	160	12	M10	32
4	2	112M	330	70	140	112	190	12	M10	41
5.5	2	132S	370	89	140	132	216	12	M10	65

Pompa – *Pump*

IEC Frame	F	H2	L2	N	Sc ²	kg ¹ (PP)
90S	142	145 179 ⁶	120	240	Ø20	4.5
90L	142	145 179 ⁶	120	240	Ø20	4.5
100L	142	145 179 ⁶	120	250	Ø20	4.5
112M	142	145 179 ⁶	120	250	Ø20	4.5
132S	142	145 179 ⁶	120	270	Ø20	4.5


Filetto femmina – *Female threaded* ⁽⁺⁾

Flangia libera – *Backing ring*

Portagomma – *Hose adaptor* ⁽⁺⁺⁾

Attacchi – *Connections*

	H0	DNs	L0	DNd	H1	Ds	L1	Dd	Dfs	Dfd
Flangia libera <i>Backing ring</i> ³	30	d63 DN50	50	d63 DN50	-	-	-	-	-	-
Flangia libera <i>Backing ring</i> ⁴	30	2"	50	2"	-	-	-	-	-	-
Portagomma <i>Hose adaptor</i> ^{5 (+)}	-	-	-	-	120	50	120	50	-	-
Filetto femmina <i>Female threaded</i> ^{55 (+)}	-	-	-	-	-	-	-	-	2 G	2 G

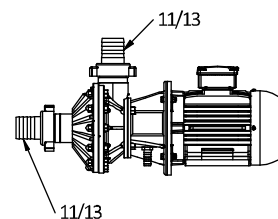
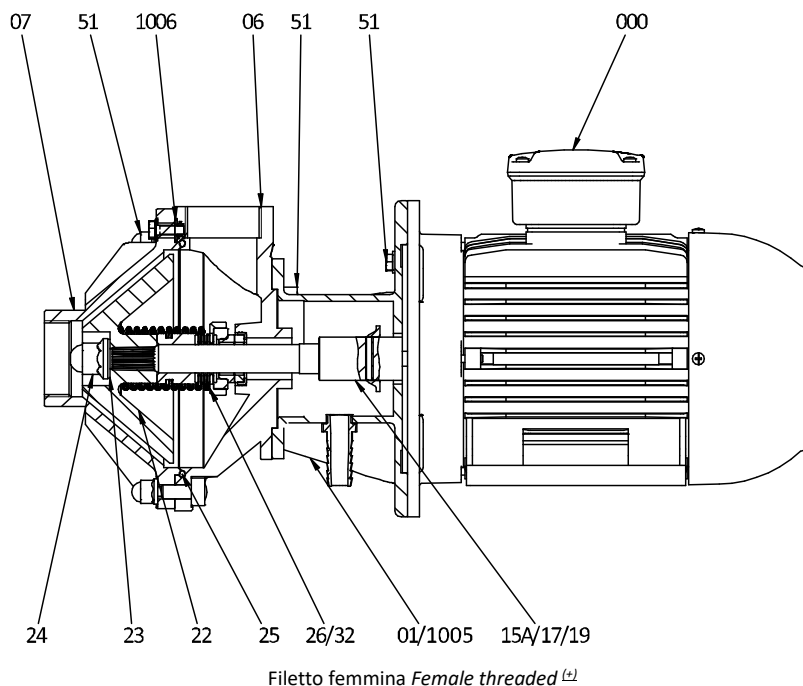
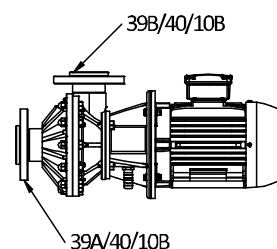
⁽⁺⁾ Solo per PP e PVC. *Only for PP and PVC*
⁽⁺⁺⁾ Solo per PP. *Only for PP*
¹Dimensioni e pesi suscettibili di variazione - *Dimensions and weights subject to variations*
²Portagomma di drenaggio in caso di rottura della tenuta meccanica - *Hose drain in case of failure of the mechanical seal*
³PN10/16 EN1092-1 (DIN 2501)

⁴ANSI B 16.5 150 lbs

⁵ISO 228/1

⁶OMA50C: Girante chiusa – *Closed impeller*

OMA50 – PP / PVC / PVDF


Portagomma Hose adaptor ⁽⁺⁾


Flangia libera Backing ring

Codice - Part-No.	Denominazione	Designation	Qt.
00	Motore	Motor	1
01/1005	Castelletto motore	Motor stool	1
06	Corpo pompa	Pump casing	1
07	Coperchio pompa	Pump cover	1
11/13	Portagomma	Hose adaptor	2
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
39A/42/10B	Collare – Flangia libera – O Ring Aspirazione	Stub – Backing ring – O Ring Suction	1
39B/42/10B	Collare – Flangia libera – O Ring Mandata	Stub – Backing ring – O Ring Delivery	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

⁽⁺⁾ Solo per PP e PVC. Only for PP and PVC

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