

OP125E

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 270

Bocchelli aspirazione/mandata
Suction/discharge connections

Flangia libera – *Backing ring*

DNd 100 / DNs 125

Peso
weight

netto *net*

230 kg

lordo *gross*

kg

Dimensioni - *dimensions*

mm

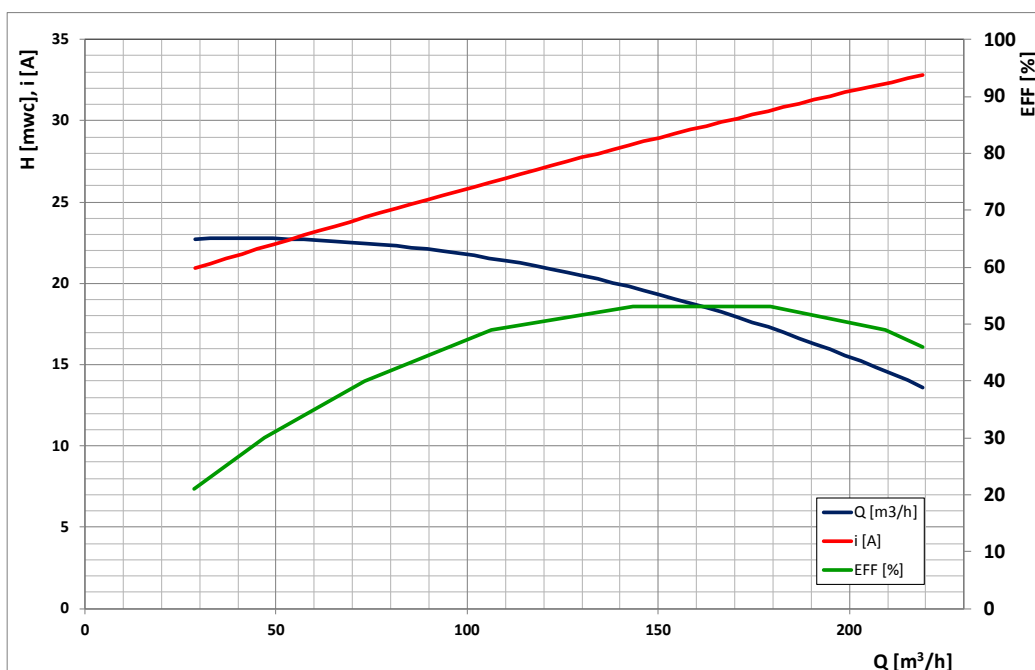
Motore elettrico trifase CVE
Three-phases electric motor TEFC

18,5 kW – 1450 rpm – IP55 – F/B Insulation class - 400 Volt 50 Hz 35,1 A

Tabella prestazioni - *Performance table*

No	assorbimento - <i>absorption</i>			portata-delivery		prevalenza - <i>head</i>		eff.	18,5 kW		15 kW	
	V	A	kW	l/min	m³/h	m w.c.	%		SG kg/m³ max	SG kg/m³ max		
1	400	33.1	17.6	3751	225	13	46	1050	-	-	≤ 75	
2		32.3	17.1	3505	210.3	14.5	49	1080	-	-		
3		31.5	16.6	3237	194.2	16	52	1100	-	-		
4		30.5	15.9	2936	176.2	17.5	53	1150	-	-		
5		29.3	15.1	2589	155.3	19	53	1200	1000	1000		
6		27.7	14.0	3162	129.7	20.5	51	1250	1000	1000		
7		25.4	12.2	1546	92.7	22	43	1350	1100	1100		
8		22.5	9.9	841	50.4	22.8	13	1550	1250	1250		

Curva – *Curve*



OP125E – PP

Motore – *Motor*

kW	Poles	IEC Frame	B ¹	C	E	O	P	Q	kg ¹
15	4	160L	540	108	254	160	254	14.5	139
18.5	4	180M	560	121	241	180	279	14.5	168

Pompa – *Pump*

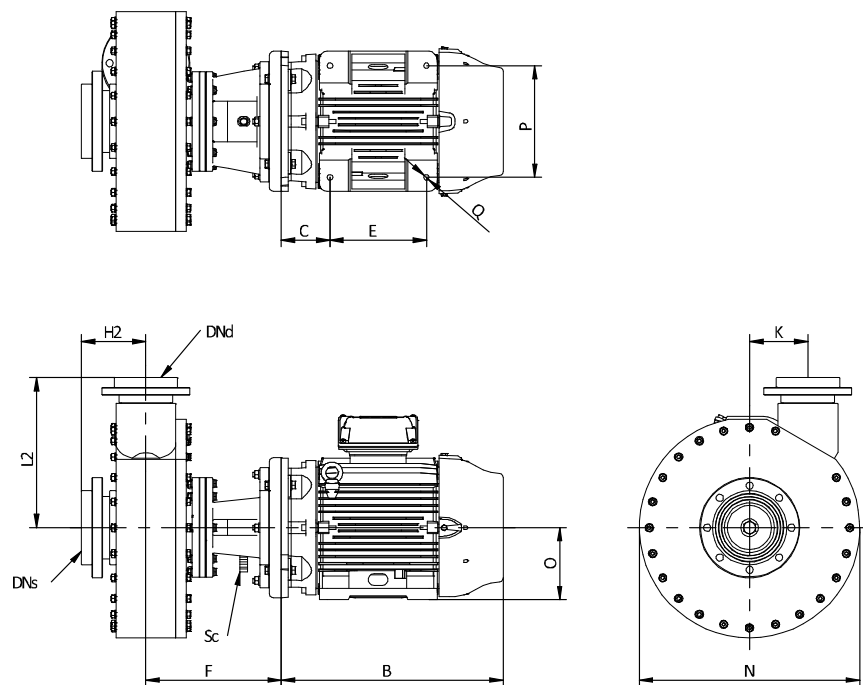
IEC Frame	K	F	H2	L2	N	Sc ²	kg ¹
160L	145.5	338	160	375	550	Ø20	70
180M	145.5	338	160	375	550	Ø20	70

Attacchi – *Connections*

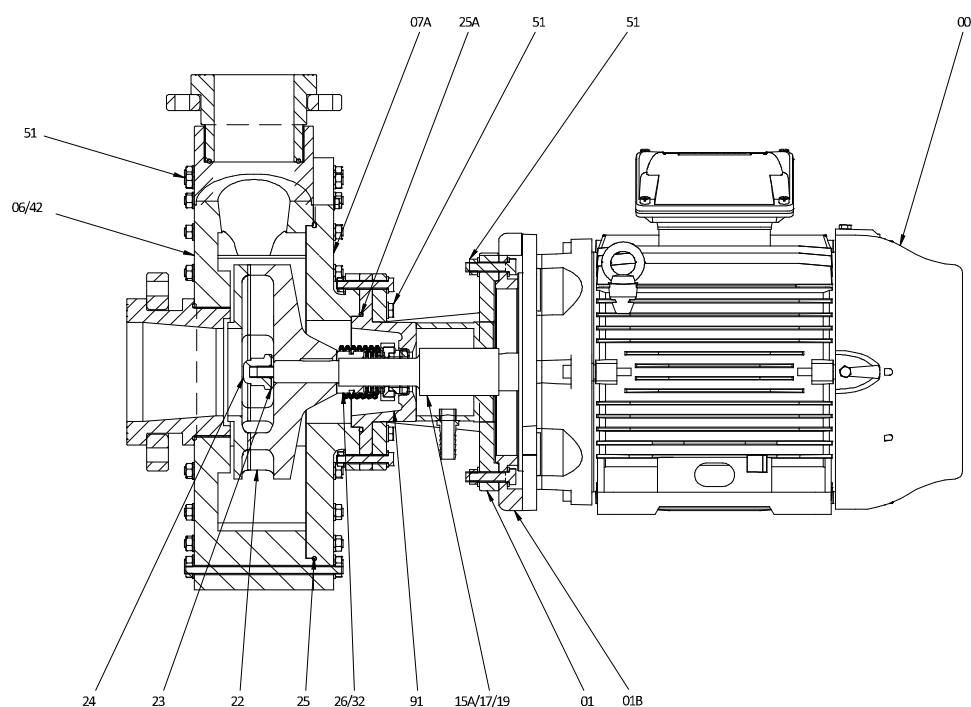
	H0	DNs	L0	DNd	H1	Ds	L1	Dd	Dfs	Dfd
Flangia libera										
Backing ring ³	-	d140 DN125	-	d125 DN100	-	-	-	-	-	-
Flangia libera										
Backing ring ⁴	-	5"	-	4" ½	-	-	-	-	-	-
Portagomma										
Hose adaptor ⁵	-	-	-	-	-	-	-	-	-	-
Filetto femmina										
Female threaded ⁵	-	-	-	-	-	-	-	-	-	-

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

Flangia libera – *Backing ring*

OP125E - PP



Flangia libera Backing ring

Codice Part-No.	Denominazione Designation	Materiali Materials	Qt.
00	Motore - Motor	-	1
01/1005	Castelletto motore - Motor stool	Al	1
01B	Flangia castelletto motore - Motor stool flange	Al	1
06/42	Corpo pompa/Collare/Flangia libera - Pump casing/Stub/Backing ring	PP/Fe/PP	1
07/42	Coperchio pompa/Collare/Flangia libera - Pump cover/Stub/Backing ring	PP/Fe/PP	1
07A	Coperchio posteriore – Rear cover	PP	1
15A/17/19	Albero completo - Complete shaft	□ SS □ SS/PP	1
22	Girante - Impeller	PP	1
23	Rondella girante - Impeller washer	PTFE	1**
24	Dado girante - Impeller nut	BR/PP	1
25	O Ring corpo – Casing O Ring	□ EPDM □ FPM	2
25A	O Ring coperchio posteriore – Rear cover O Ring	□ EPDM □ FPM	1
26/32	Tenuta meccanica - Mechanical seal	□ PTFE/CER □ PTFE/SiC	1
51	Serie Bulloneria/Rondelle (**) - Nuts/Bolts/Washers Set (**)	SS/BR/PP PTFE	1**
91	Camera della tenuta – Seal chamber	PP	1

** Tutte le rondelle in PTFE della bulloneria (51) e della girante (23) devono essere sostituite dopo ogni smontaggio.

** All the PTFE washers of bolts and nuts (51) and impeller (23) must be replaced after each disassembly.