

OP80E

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 190

Bocchelli aspirazione/mandata
Nozzles suction/discharge
Brides aspiration/refoulement

Flangia libera
Backing ring

Aspirazione - *suction*

DN 100

Mandata - *delivery*

DN 80

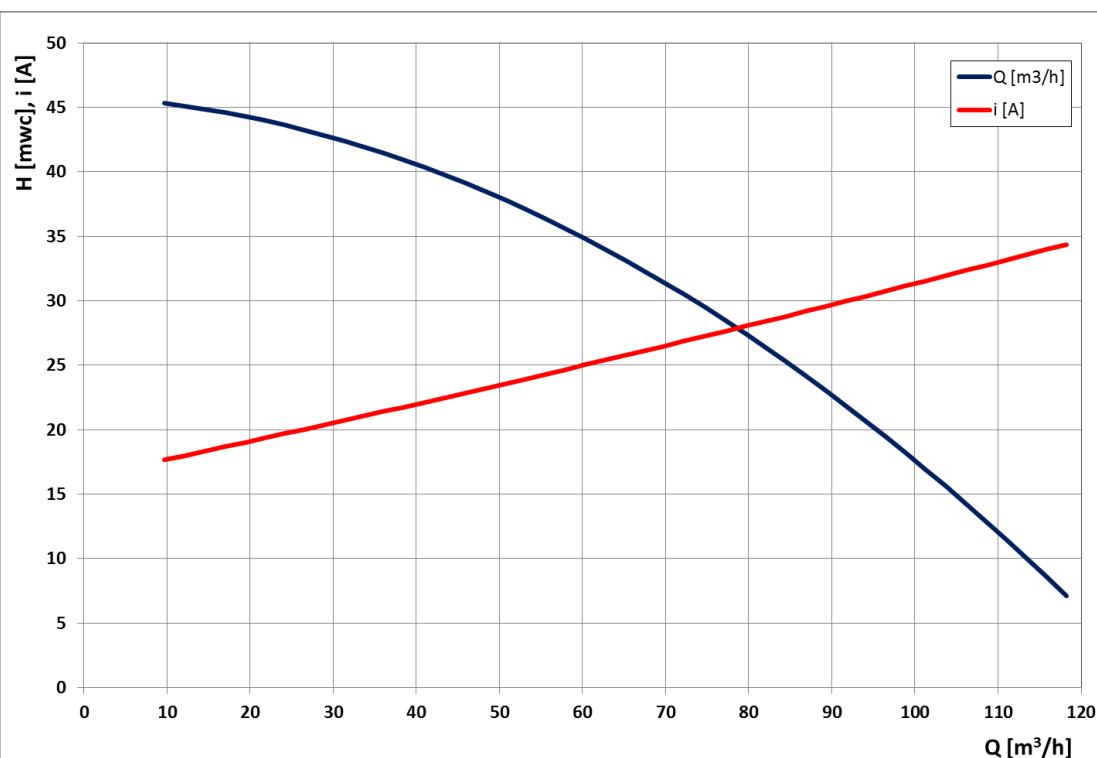
Motore elettrico trifase CVE
Three-phases electric motor TEFC
Moteur électrique triphasés FVE

KW 18.5 – 3000 rpm – IP55 – F/B Insulation class Volt 400

Caratteristiche di funzionamento - Performance data - Données

	<i>current</i>	Assorbimento – <i>Absorption</i>		50 Hz			Max density	dB(A)
		i	Power	portata-delivery		Prevalenza – <i>head</i>		
No	V	A	kW.	m³/h	l/min	m.w.c.	Kg/m³	
1	400	33.5		113	1883	10	1000	≤ 85
2		32.1		105	1750	15	1050	
3		30.5		95	1583	20	1100	
4		28.9		85	1417	25	1150	
5		27.0		73	1217	30	1250	
6		25.0		60	1000	35	1350	
7		22.3		42	700	40	1500	
8		18.1		13	217	45	1850	
9		16.3		0	0	46	2000	

Curva – Curve – Curbe



OP80A OP80B OP80E – PP

Motore – *Motor*

kW	Poles	IEC Frame	B ¹	C	E	O	P	Q	kg ¹
15	2	160M	500	108	210	160	254	14.5	117
18.5	2	160L	550	108	254	160	254	14.5	133
22	2	180M	560	121	241	180	279	14.5	169

Pompa – *Pump*

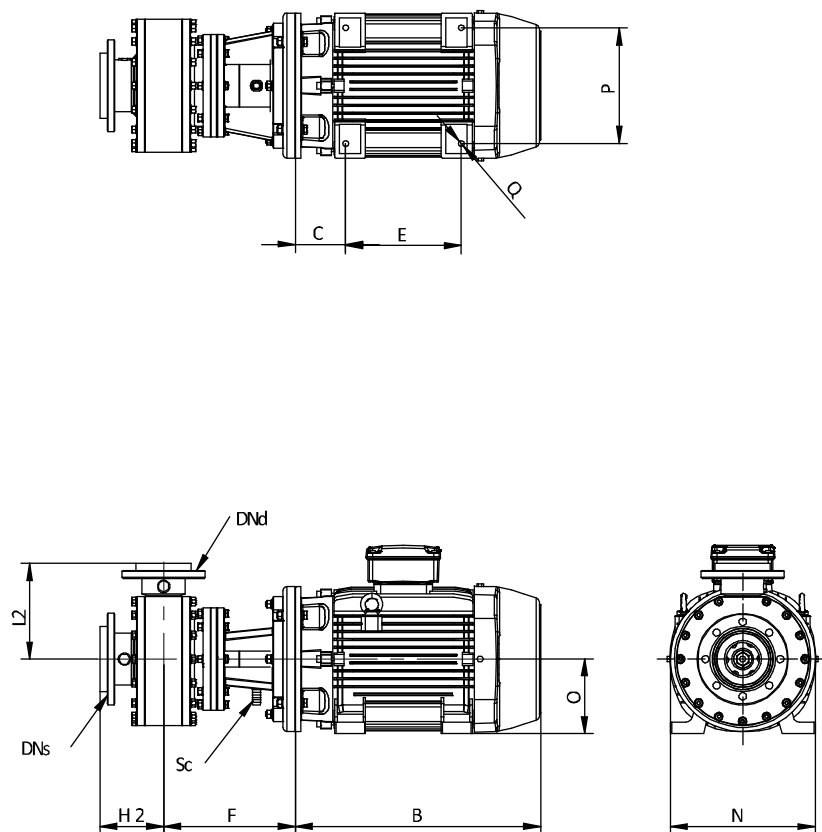
IEC Frame	F	H2	L2	N	Sc ²	kg ¹
160M	318	150	230	350	Ø20	28
160L	318	150	230	350	Ø20	28
180M	318	150	230	350	Ø20	28

Attacchi – *Connections*

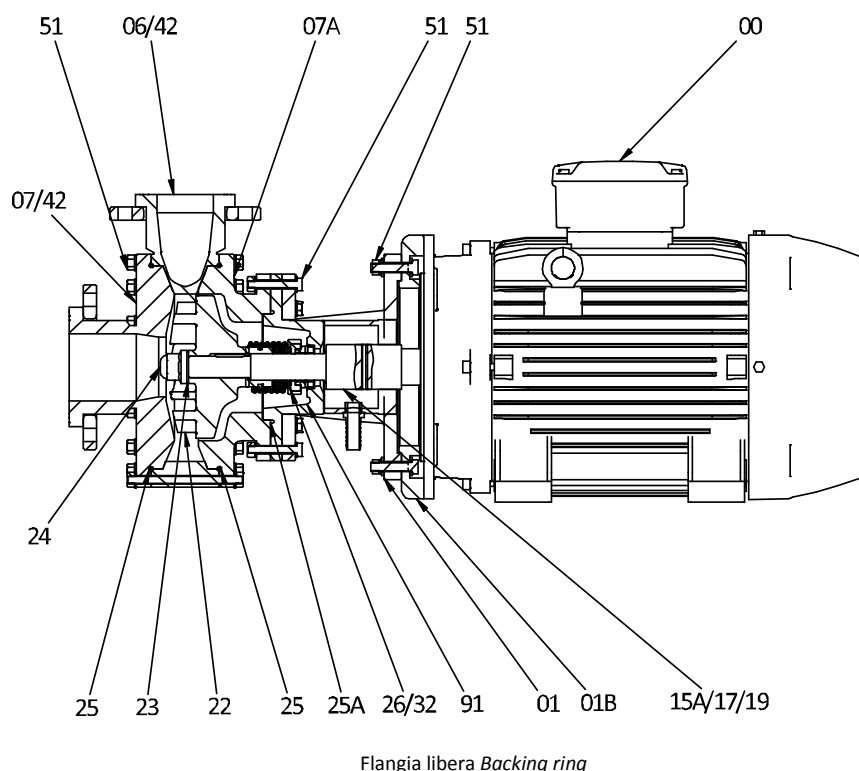
	H0	DNs	L0	DNd	H1	Ds	L1	Dd	Dfs	Dfd
Flangia libera Backing ring ³	-	d110 DN100	-	D90 DN80	-	-	-	-	-	-
Flangia libera Backing ring ⁴	-	4"	-	3"	-	-	-	-	-	-
Portagomma Hose adaptor ⁵	-	-	-	-	-	-	-	-	-	-
Filetto femmina Female threaded ⁵	-	-	-	-	-	-	-	-	-	-

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*

OP80A OP80B OP80E - PP



Codice Part-No.	Denominazione Designation	Materiali Materials	Qt.
00	Motore - Motor	-	1
01	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/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.