

OP80A

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 <i>open overhung impeller</i> <i>roue ouverte en porte-à-faux</i>	Ø 170	Bocchelli aspirazione/mandata <i>Nozzles suction/discharge</i> <i>Bride aspiration/refoulement</i>	Flangia libera <i>Backing ring</i> <i>Bride libre</i>	Aspirazione- suction	DN100
				Mandata - delivery	DN80

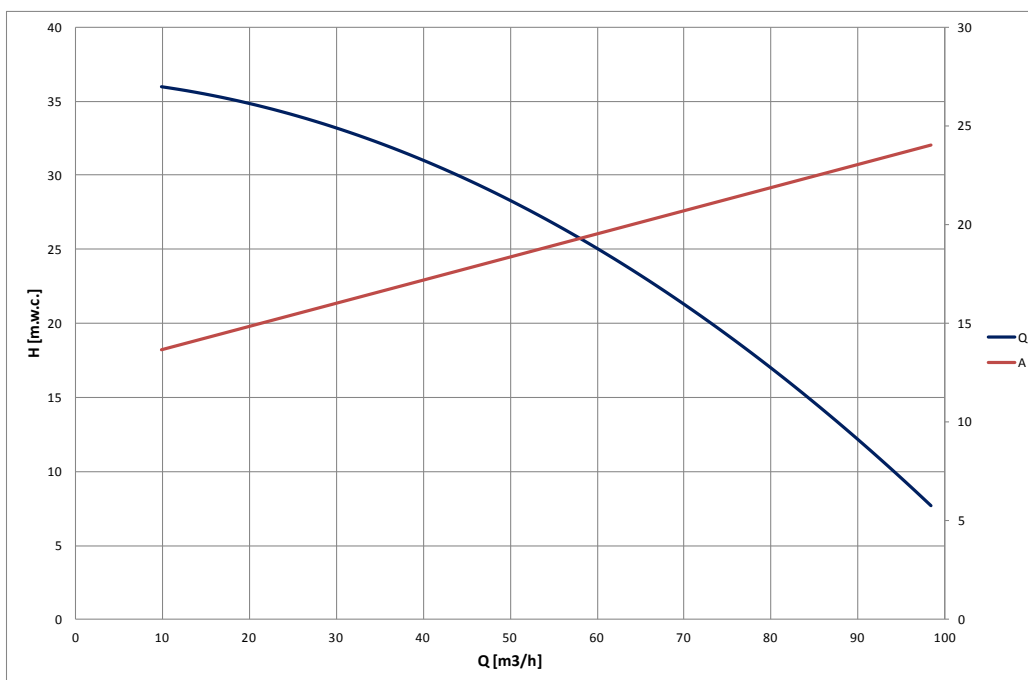
Motore elettrico trifase CVE
Three-phases electric motor TEFC
Moteur électrique triphasés FVE

KW 15 –2900 rpm- IP55 - F/B Insulation class Volt 400-660 Hz 50 A 28.5

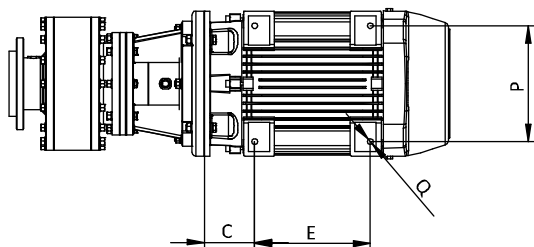
Caratteristiche di funzionamento - Performance data - Données

No	current		pot. ass.-ads. power-puiss.abs.		portata-delivery-débit		head	eff.	kw 15	KW 18.5	dB(A)
	V	A	kW	HP	l/min	m³/h	m w.c.	%	SG kg/m³	SG kg/m³	
1	400	24,0	14,4		1631,3	97,9	8		1000	1200	≤ 75
2		23,3	14,0		1538,1	92,3	11		1050	1250	
3		22,4	13,4		1405,1	84,3	15		1100	1300	
4		21,1	12,5		1219,7	73,2	20		1200	1400	
5		19,6	11,5		1003,9	60,2	25		1300	1500	
6		17,7	10,3		734,0	44,0	30		1400	1700	
7		14,7	8,4		316,9	19,0	35		1700	2100	
8		12,5	6,9		0,0	0,0	36.45		2000	2500	
9											

Curva – Curve - Curbe



OP80A OP80B OP80E – PP


Motore – *Motor*

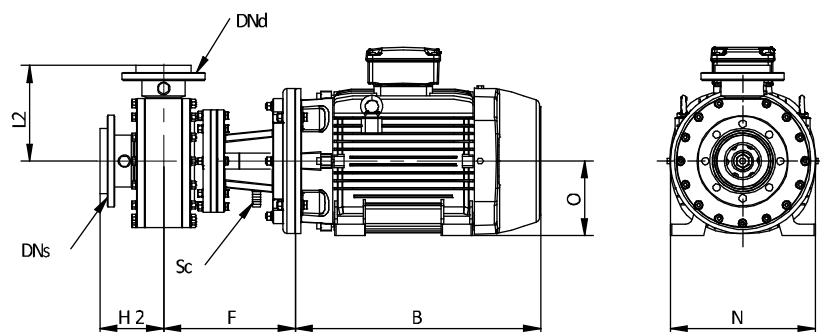
kW	Poles	IEC Frame	B ¹	C	E	O	P	Q	kg ¹
15	2	160M	500	108	210	160	254	14.5	117
18.5	2	160L	550	108	254	160	254	14.5	133
22	2	180M	560	121	241	180	279	14.5	169

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*

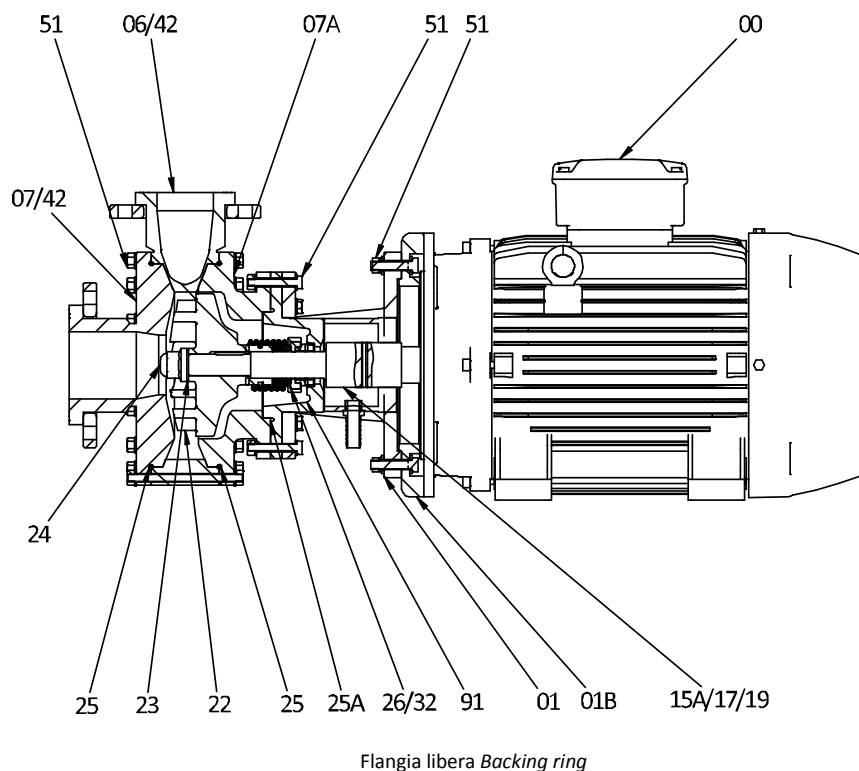
	H0	DNs	L0	DNd	H1	Ds	L1	Dd	Dfs	Dfd
Flangia libera Backing ring ³	-	d110 DN100	-	D90 DN80	-	-	-	-	-	-
Flangia libera Backing ring ⁴	-	4"	-	3"	-	-	-	-	-	-
Portagomma Hose adaptor ⁵	-	-	-	-	-	-	-	-	-	-
Filetto femmina Female threaded ⁵	-	-	-	-	-	-	-	-	-	-


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

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.