

OP80D

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 220

Bocchelli. Flangia libera
Nozzles Backing flange
Bride libre

Aspirazione – Suction - Aspiration

DN100 – 4"

Mandata – Delivery - refoulement

DN80 – 3"

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

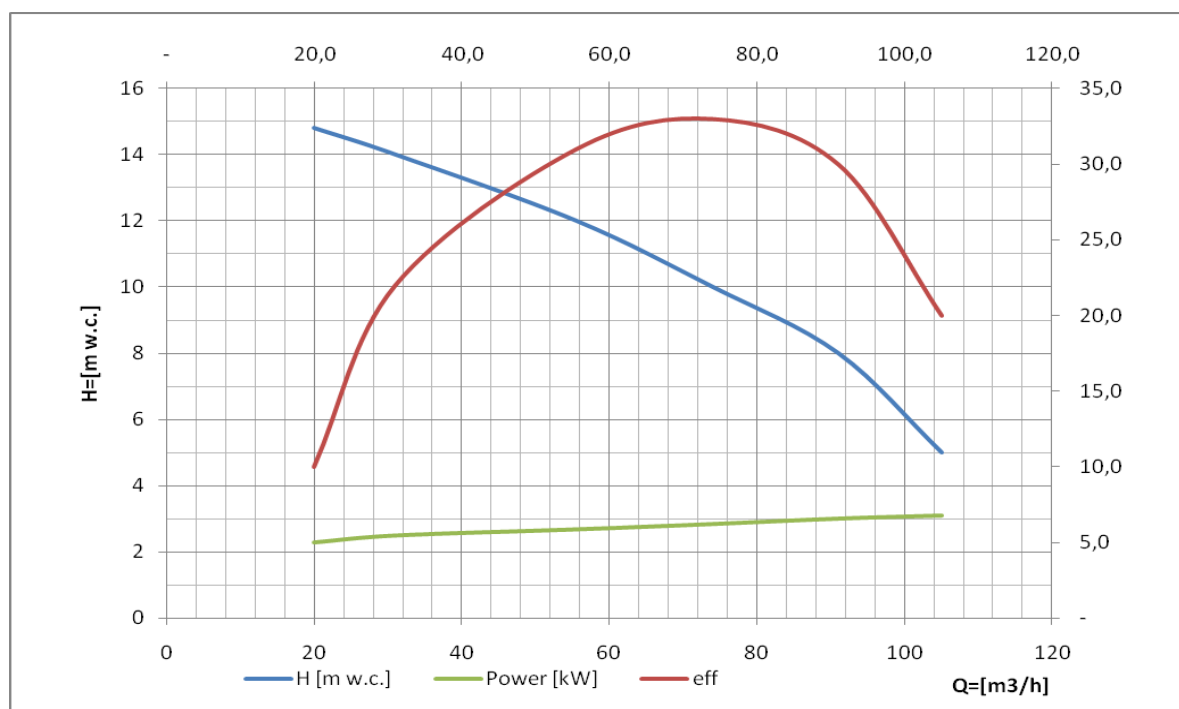
1450 rpm- IP55 - F/B Insulation class Volt

400/430 -230/260 Hz 50

Caratteristiche di funzionamento - Performance data - Données

	current	pot. ass.-ads. power-puiss.abs.			portata-delivery-débit		head	eff.	7,5 kW	9,2 kW	
No	V	A	kW	HP	l/min	m³/h	m w.c.	%	SG kg/m³	SG kg/m³	dB(A)
1	400	12.5	6.29	8.4	1660	99.6	6		1100	1400	≤ 75
2		11.9	6.00	8.0	1405	84.3	8		1150	1500	
3		11.3	5.68	7.6	1138	68.2	10		1200	1600	
4		10.5	5.28	7.0	845	50.7	12		1300	1700	
5		9.1	4.58	6.1	0	0	16		1500	1800	
6											
9											
10											

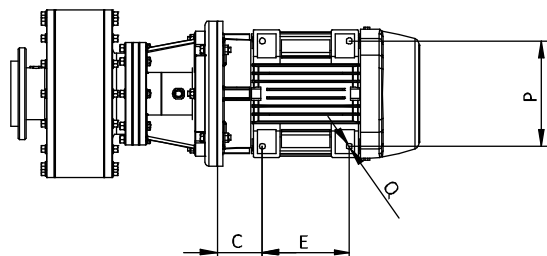
Curva – Curve - Curbe



OP80D – PP

Motore – *Motor*

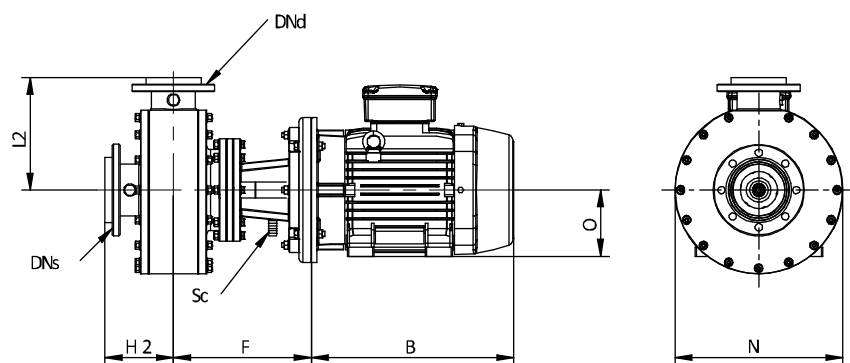
kW	Poles	IEC Frame	B ¹	C	E	O	P	Q	kg ¹
7.5	4	132M	410	89	178	132	216	12	72
9.2	4	132M	410	89	178	132	216	12	77


Pompa – *Pump*

IEC Frame	F	H2	L2	N	Sc ²	kg ¹
132M	333	165	272	405	Ø20	30
132M	333	165	272	405	Ø20	30

Attacchi – *Connections*

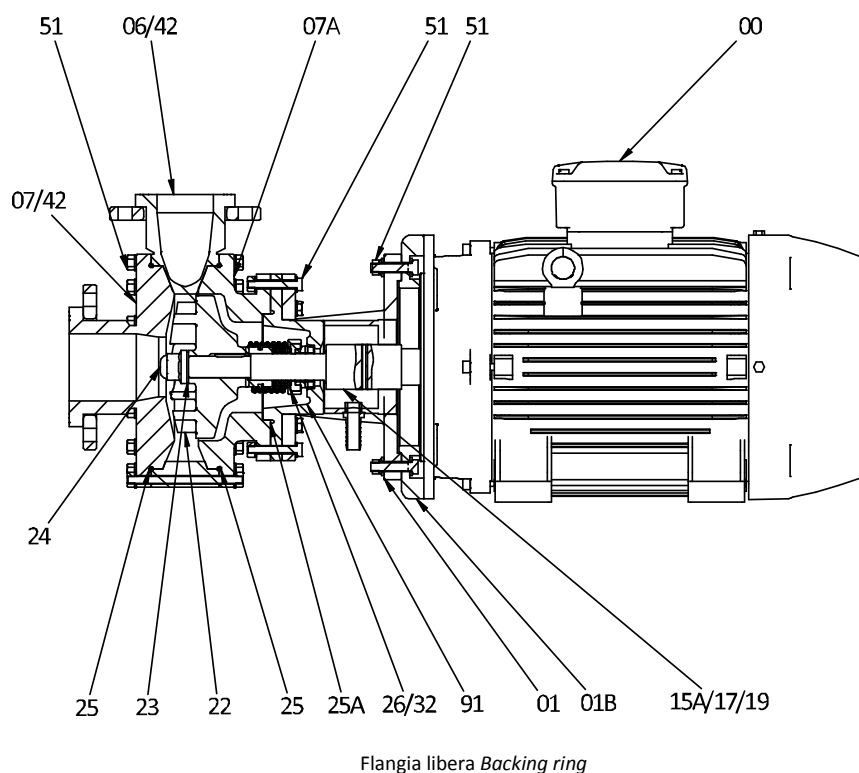
	H0	DNs	L0	DNd	H1	Ds	L1	Dd	Dfs	Dfd
Flangia libera Backing ring ³	-	d110 DN100	-	D90 DN80	-	-	-	-	-	-
Flangia libera Backing ring ⁴	-	4"	-	3"	-	-	-	-	-	-
Portagomma Hose adaptor ⁵	-	-	-	-	-	-	-	-	-	-
Filetto femmina Female threaded ⁵	-	-	-	-	-	-	-	-	-	-


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

OP80D - 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 □ 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.