

APPLICAZIONI

Elettropompe universali per applicazioni civili ed industriali, per impianti di lavaggio ad alta pressione, per l'irrigazione, l'agricoltura, impianti sportivi, per fontane e per movimentazione di liquidi moderatamente aggressivi privi di sostanze solide o abrasive.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C
(per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 110°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Indice di efficienza minimo (BEP) MEI $\geq 0,4$

MOTORE

- Trifase 230/400V-50Hz $P_2 \leq 7,5 \text{ kW}$
- Trifase 400/690V-50Hz $P_2 > 7,5 \text{ kW}$
- Motore elettrico ad induzione a 2 poli ($n = 2900 \text{ min}^{-1}$)
- Isolamento Classe F
- Protezione IP 55

MATERIALI

- | | |
|-----------------------|-----------------------|
| - Corpo aspirazione | Acciaio Inox AISI 304 |
| - Corpo mandata | Acciaio Inox AISI 304 |
| - Girante | Acciaio Inox AISI 304 |
| - Camicia pompa | Acciaio Inox AISI 304 |
| - Coperchio superiore | Acciaio Inox AISI 304 |
| - Coperchio inferiore | Acciaio Inox AISI 304 |
| - Albero motore | Acciaio Inox AISI 304 |
| - Tenute meccaniche | Silicio/Grafite/Viton |

OPERATING CONDITIONS

- Liquid temperature up to 35°C
(for home use according to EN 60335-2-41)
Max. liquid temperature: 110°C (for other uses)
- Ambient temperature max to 40°C
- Minimum efficiency index (BEP) $MEI \geq 0,4$

MOTOR

- Three-phase 230/400V-50Hz $P_2 \leq 7,5 \text{ kW}$
- Three-phase 400/690V-50Hz $P_2 > 7,5 \text{ kW}$
- Two-pole electric standard motor ($n = 2900 \text{ min}^{-1}$)
- Insulation Class F
- Protection IP 55

MATERIALS

- | | |
|-------------------|--------------------------|
| - Suction casing | Stainless Steel AISI 304 |
| - Delivery casing | Stainless Steel AISI 304 |
| - Impeller | Stainless Steel AISI 304 |
| - External jacket | Stainless Steel AISI 304 |
| - Upper cover | Stainless Steel AISI 304 |
| - Lower cover | Stainless Steel AISI 304 |
| - Pump shaft | Stainless Steel AISI 304 |
| - Mechanical seal | Silicon/Graphite/Viton |

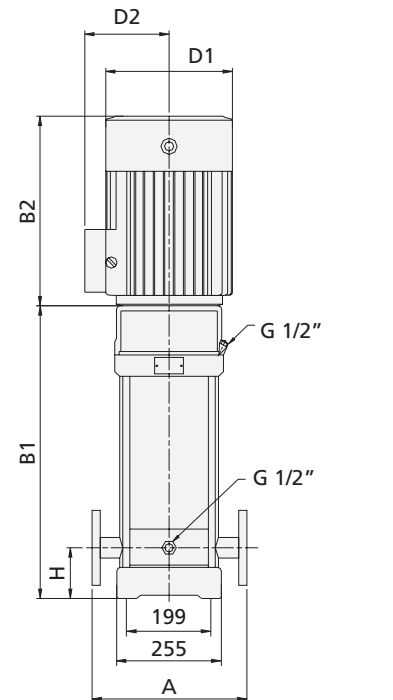
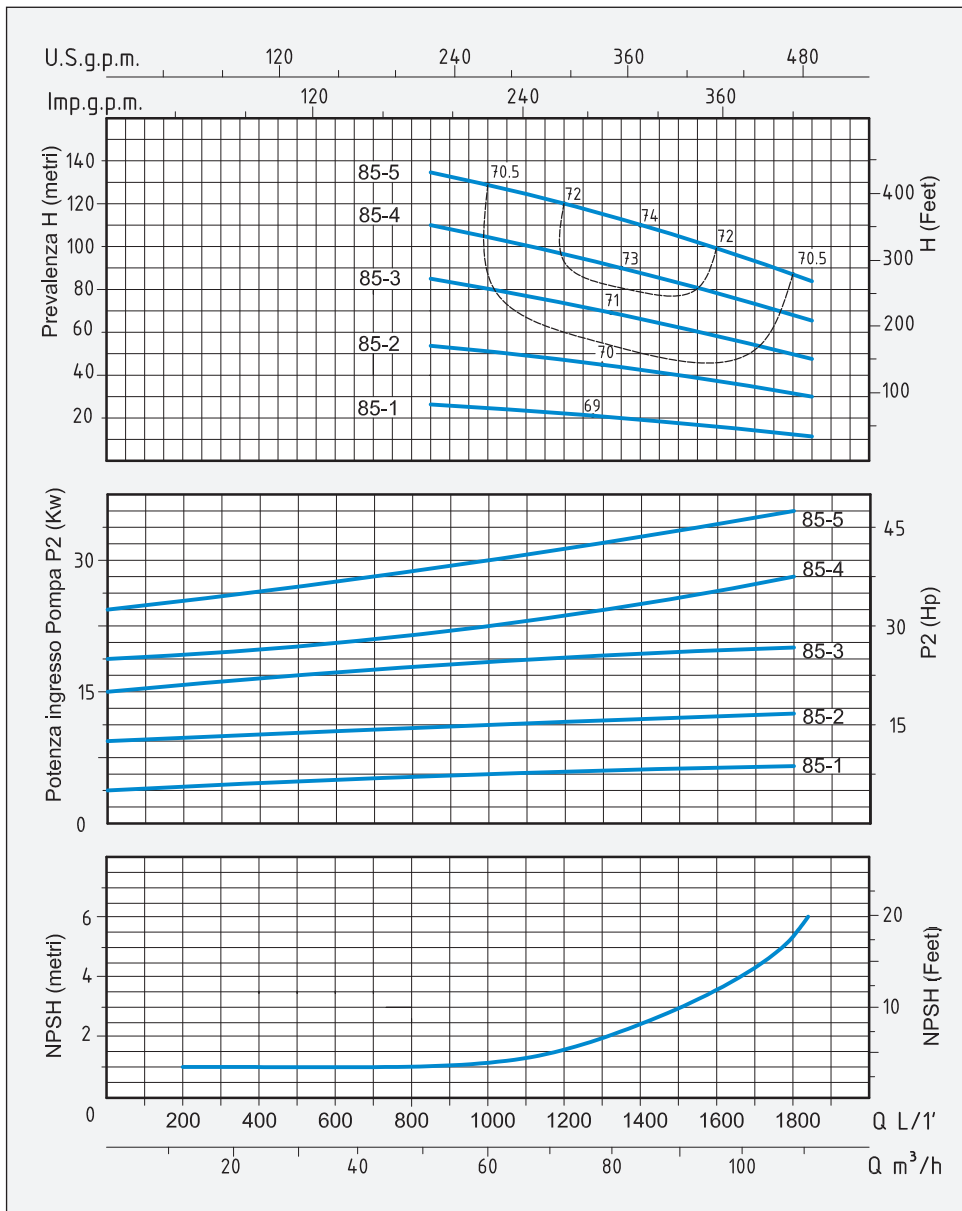
APPLICATION

Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.

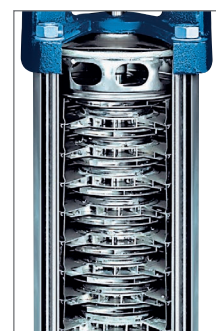
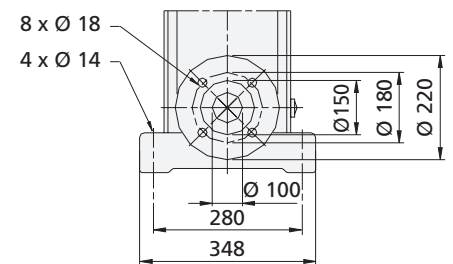


TIPO TYPE	POTENZA NOMINALE NOMINAL POWER		POTENZA ASSORBITA INPUT POWER	AMPERE	Q = PORTATA - CAPACITY								
Trifase Three-phase	P2		P1	Trifase Three-phase	m³/h	50	60	70	80	85	90	100	110
	HP	kW	kW		lt/1'	833	1000	1166	1333	1416	1500	1666	1833
	Prevalenza manometrica totale in m.C.A. - Total head in meters w.c.												
VS 85-1	10	7,5	9,1	14,5	H (m)	25	24	22	21	20	19	16	12
VS 85-2	20	15	16,3	26,5		53	50	47	44	41	40	36	30
VS 85-3	30	22	23,7	38,5		81	77	72	67	64	62	55	48
VS 85-4	40	30	32,1	52,1		110	105	100	92	86	84	76	66
VS 85-5	50	37	39,4	64		139	131	124	115	110	106	94	83

VERTICAL MULTISTAGE STAINLESS STEEL PUMPS



DN 100 4"



TIPO TYPE	DIMENSIONI mm - DIMENSIONS mm								DIMENSIONI DIMENSIONS mm			PESO WEIGHT
Trifase Three-phase	A	H	B1	B2	B1 + B2	D1	D2	FLANGIA FLANGE	P	L	H	Kg
VS 85-1	380	140	571	390	961	260	208	DN 100 4"	417	1215	445	110
VS 85-2	380	140	773	500	1273	330	255	DN 100 4"	515	1515	493	192
VS 85-3	380	140	865	575	1440	360	285	DN 100 4"	515	1515	493	252
VS 85-4	380	140	957	650	1607	400	310	DN 100 4"	515	1715	490	312
VS 85-5	380	140	1049	650	1699	400	310	DN 100 4"	515	1715	490	336