

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 ≥ 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 |

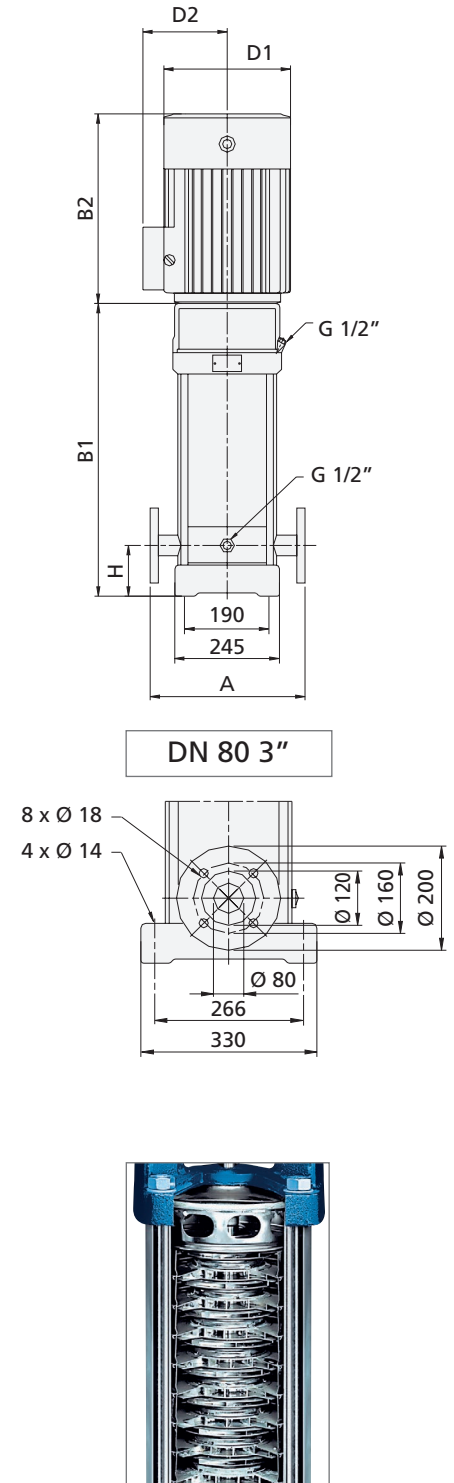
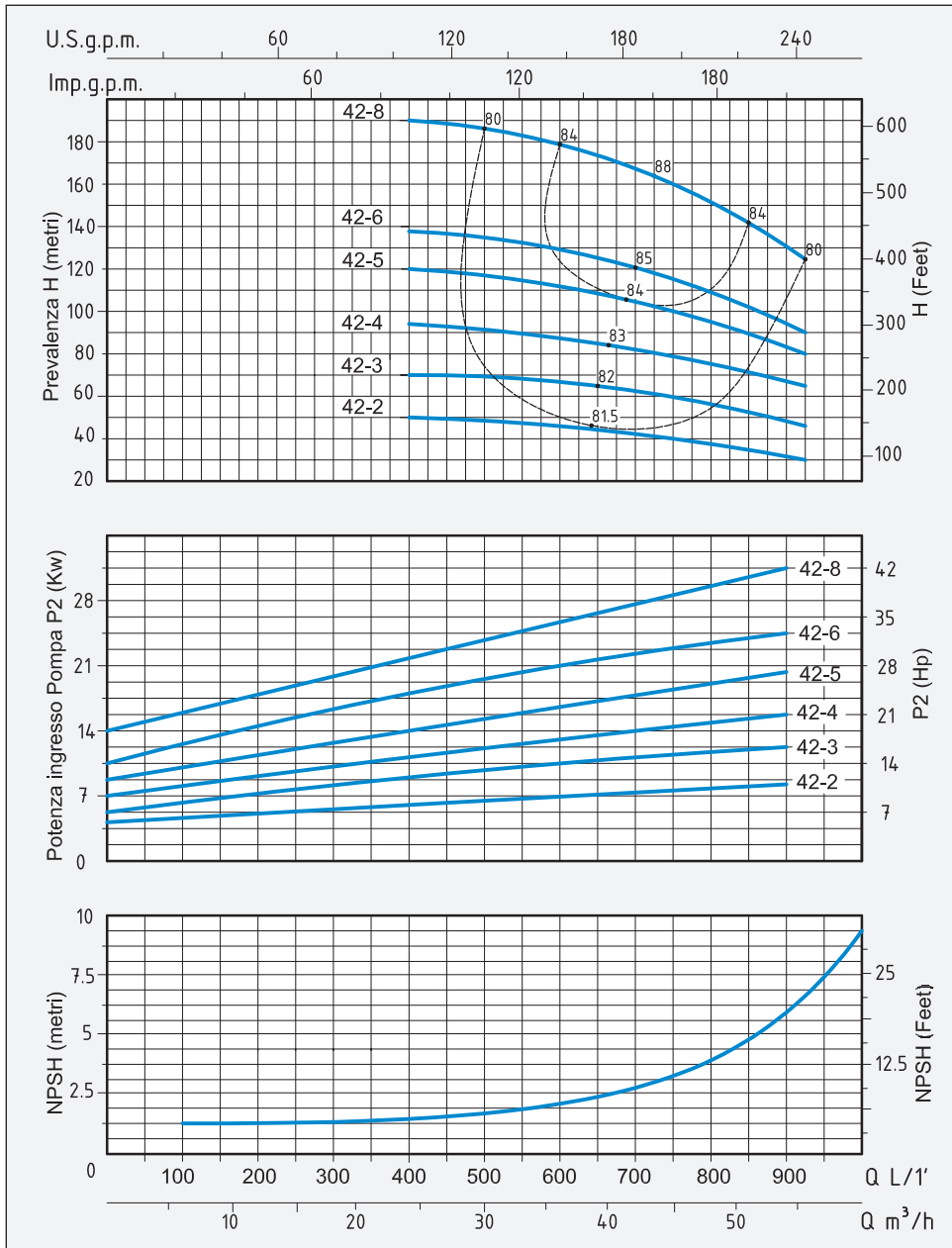
APPLICATION

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	25	28	30	32	36	40	42	45	50	55
	HP	kW	kW		lt/1'	416	466	500	573	600	666	700	750	832	916
	Prevalenza manometrica totale in m.C.A. - Total head in meters w.c.														
VS 42-2	10	7,5	9,1	14,5	H (m)	48	47	46	45	43	42	41	39	35	31
VS 42-3	15	11	12,1	19,6		71	70	69,5	68	66	64	63	60	56	47
VS 42-4	20	15	16,3	26,5		95	94	93,5	90	88	85	83	81	76	62
VS 42-5	25	18,5	20	32,5		119	118	117,5	114	112	109	106	102	95	78
VS 42-6	30	22	23,7	38,5		143	142	141,5	135	133	126	122	116	104	93
VS 42-8	40	30	32,1	52,1		190	189	188,5	183	180	170	160	158	142	124

VERTICAL MULTISTAGE STAINLESS STEEL PUMPS



TIPO TYPE	DIMENSIONI mm - DIMENSIONS mm								DIMENSIONI DIMENSIONS mm			PESO WEIGHT
	A	H	B1	B2	B1 + B2	D1	D2	FLANGIA FLANGE	P	L	H	
Trifase Three-phase												Kg
VS 42-2	365	140	641	430	1071	260	208	DN 80 3"	417	1215	445	138
VS 42-3	365	140	826	500	1326	330	255	DN 80 3"	515	1515	493	225
VS 42-4	365	140	906	500	1406	330	255	DN 80 3"	515	1515	493	239
VS 42-5	365	140	986	550	1536	330	255	DN 80 3"	515	1715	490	261,5
VS 42-6	365	140	1066	575	1641	360	285	DN 80 3"	615	1965	545	301
VS 42-8	365	140	1226	650	1876	400	310	DN 80 3"	615	1965	545	391