

Shallow well jet self-priming electric pumps with stainless steel pump body corrosion resistant suitable for drinking water.

The only parts in contact with the pumped liquid are made in stainless steel and Noryl®. The built-in ejector allows for self-priming to depths of 8 metres, once the pump body has been primed. Can draw up water in spite of presence of water-dissolved gases, air, or small quantities of sand.

Applications:

For pressure boosting in residential, garden, vegetable washing, stock watering, industrial processing applications.

Suitable for pumping of all fluids which are compatible with the materials in contact with the liquid.



MATERIALS OF PARTS IN CONTACT WITH THE PUMPED LIQUID

Pump body: stainless steel

Built-in ejector and diffusor: Noryl®

Mechanical seal disc holder: stainless steel

Impeller: Noryl®

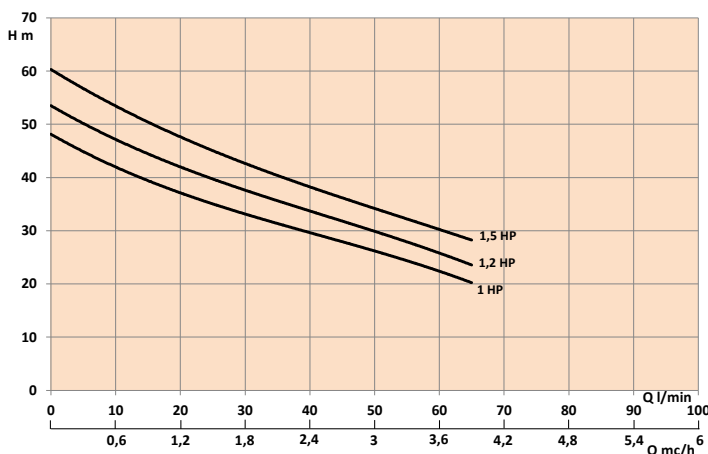
Shaft: stainless steel

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**Jetdom™ Range- VALCO BRAND SHALLOW WELL JET SELF PRIMING
ELECTRIC PUMPS IN STAINLESS STEEL**

Pump and motor construction data
with limits of use and operating conditions

Types		HP	kW	No of impeller s	Q= Performance at 2900 rpm												DNa	DNm	In (A) at 1 PH 230V	In (A) at 3 PH 400V									
1 PH 230V 50Hz	3 PH 230- 400V 50Hz				m ³ /h	0	0,6	1,2	1,8	2,4	3	3,6	3,9																
152J-SS	152JT-SS	1	0,75	1	l/m.	48,0	42,3	37,0	33,0	29,6	26,2	22,7	20,0												G 1"	G 1"	4,7	1,7	
154J-SS	154JT-SS	1,2	0,9	1	H m	53,4	47,4	41,9	37,5	33,7	29,9	26,0	23,4													G 1"	G 1"	5,2	1,9
154JB-SS	154JBT-SS	1,5	1,1	1		60,2	53,6	47,8	42,4	38,0	34,4	30,5	28,0													G 1"	G 1"	6	2,5



OPERATING CONDITIONS (LIMITS OF USE)

Maximum temperature of pumped liquid °C	0 +50
Maximum working pressure (maximum permissible/allowed pressure in the pump casing) kPa / bar	800 / 8
Maximum ambient temperature °C	40
Type of pumped liquid	Neutral clean water and fluid chemically and mechanically non-corrosive, non-aggressive, non-abrasive, non-explosive.
Density of pumped liquid with γ=water specific gravity kg/dm ³	1
Presence of solids in suspension	NO

CONSTRUCTION MATERIALS

Pump body	Stainless steel DIN/EN 1.4301 (AISI 304)
Pump bracket	Aluminium*
Impeller/s	Noryl®
Diffusor/s (wear ring)	Noryl®
Shaft (pump side)	Stainless steel DIN/EN 1.4005 (AISI 416)
Mechanical seal	Ceramic, carbon-graphite
Motor casing	Aluminium

*Mechanical seal disc holder in stainless steel DIN/EN 1.4301 (AISI 304)

MOTOR

Asynchronous Electric motor	
Number of poles	2
Insulation class	F
Degree of protection IP	44
Service	Continuous duty
Built in thermal protection for 1 phase	Yes
Maximum tolerance (fluctuation) from the nominal voltage	±6%
Starts per hour max	30 (15 for star-delta starting or reactance)

3phase: the overload motor protection must be provided by the user (we recommend the use of a control box)

Types		DIMENSIONS in mm										kg
1 PH 230V 50Hz	3 PH 230-400V 50Hz	L	W	H	a	b	c	d	e	H1		
152J-SS	152JT-SS	410	197	210	153	128	208	140	175	215	10,1	
154J-SS	154JT-SS	410	197	210	153	128	208	140	175	215	11	
154JB-SS	154JBT-SS	410	197	210	153	128	208	140	175	215	11,5	

Not in scale

