

SURFACE PUMPS

VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

The VLR 30Bs are vertical multistage centrifugal pumps with "in line" suction and delivery points directly connected to an electric motor. They are not self-priming.

Design Features

- Impellers, diffuser and upper spacer, shaft, outer liner and coupling guard in stainless steel AISI 304
- Electric pump base and head and coupling in cast iron
- Shaft protected by a tungsten carbide liner
- Mechanical seal in silicon carbide and carbon (on request widia-widia)
- EPDM rubber O ring
- Supplied complete with counterflanges

Motor

- Asynchronous electric three-phase motor with enclosed stator and external ventilation
- Main dimensions are in accordance with the provisions of DIN and IEC standards
- Class F insulation
- Level of protection IP 55
- Speed of rotation 2900 rpm

Usage Limitations

- Liquid temperature from - 20°C to +120°C
- Maximum operating pressure including suction head:
16 bar (VLR 30B-20 - VLR 30B-60)
25 bar (VLR 30B-70 - VLR 30B-120)
- Minimum suction head:
please refer to the NPSH values with a safety margin of 0.5 m

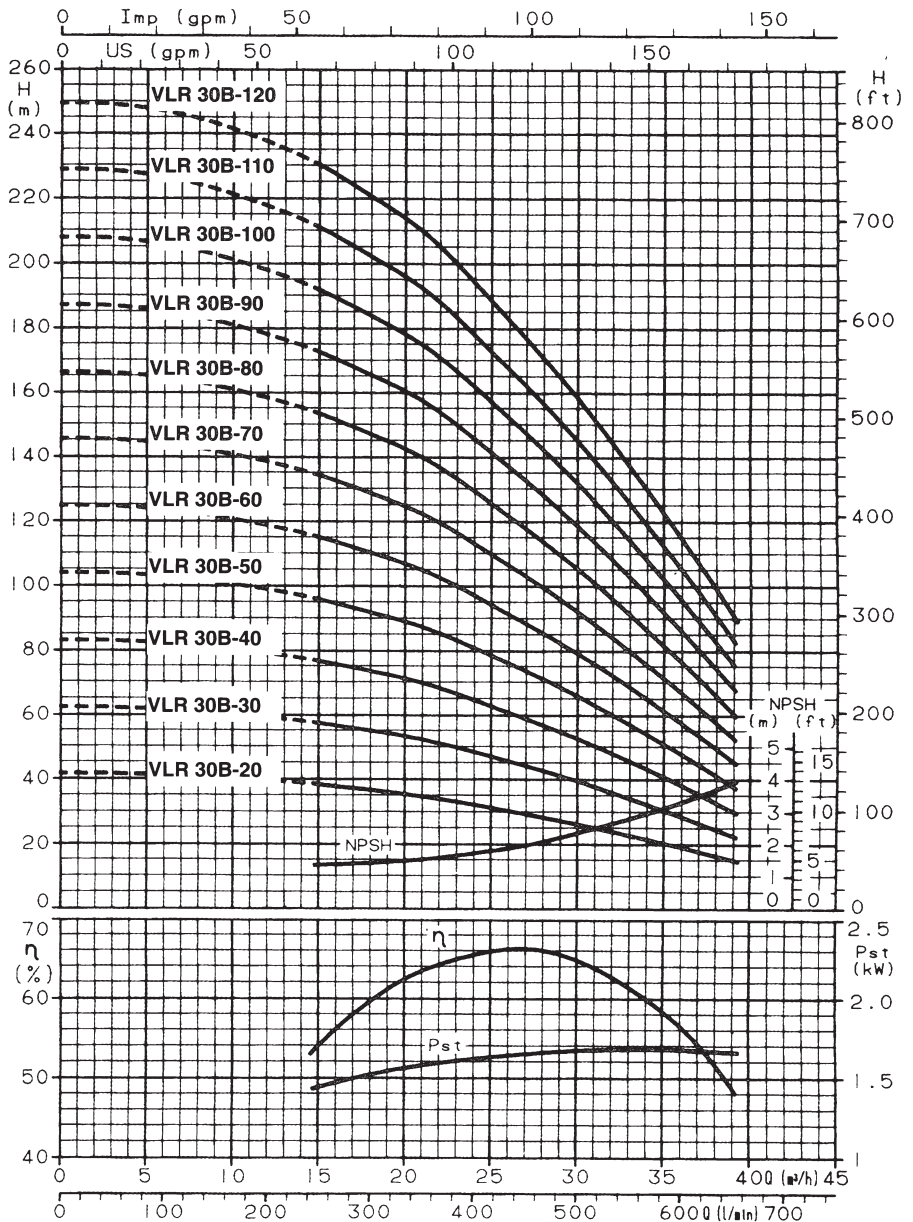
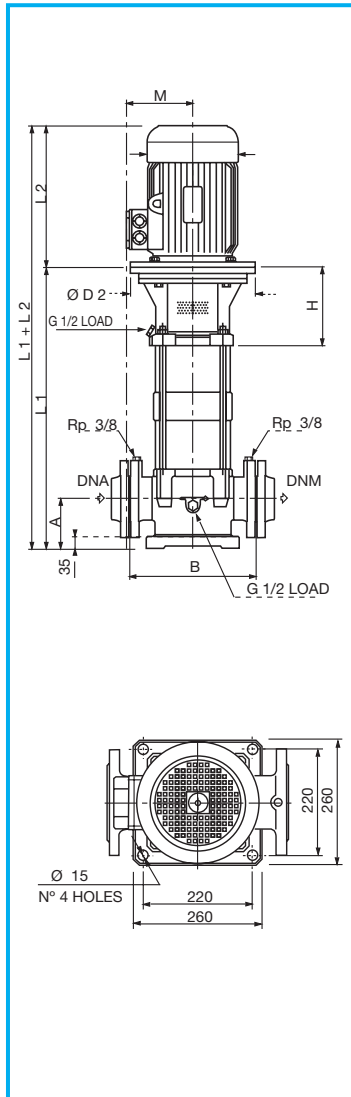
Applications

Water supply - Pressure increase systems - Irrigation - High pressure washes - Firefighting systems - Boiler supply - Liquid transfer in general.



CODE	MODEL	Motor Power		VOLTAGE	Amp.	Q	L/1'	233	300	350	400	500	600	PRICE
		HP	kW				m³/h	14	18	21	24	30	36	
E6500010	VLR 30B - 20 FT	5,50	4,00	3 ~ 400/690 V	8,6	Discharge head in meters		39	37	35	32,5	26,5	19	
E6500020	VLR 30B - 30 FT	7,50	5,50	3 ~ 400/690 V	11,3			58	55	53	48	40	29	
E6500030	VLR 30B - 40 FT	10,00	7,50	3 ~ 400/690 V	14,7			78	74	70	65	53	38	
E6500040	VLR 30B - 50 FT	15,00	11,00	3 ~ 400/690 V	21,0			97	92	88	81	66	48	
E6500050	VLR 30B - 60 FT	15,00	11,00	3 ~ 400/690 V	21,0			117	110	105	97	79	58	
E6500060	VLR 30B - 70 FT	20,00	15,00	3 ~ 400/690 V	29,0			136	129	123	113	92	67	
E6500070	VLR 30B - 80 FT	20,00	15,00	3 ~ 400/690 V	29,0			155	147	140	130	106	77	
E6500080	VLR 30B - 90 FT	20,00	15,00	3 ~ 400/690 V	29,0			175	166	158	146	119	86	
E6500090	VLR 30B - 100 FT	25,00	18,50	3 ~ 400/690 V	35,0			194	184	175	162	132	96	
E6500100	VLR 30B - 110 FT	25,00	18,50	3 ~ 400/690 V	35,0			214	202	193	178	145	106	
E6500110	VLR 30B - 120 FT	30,00	22,00	3 ~ 400/690 V	42,0			233	221	210	194	158	115	

VLR 30B



- Power (Kw) and efficiency (%) refer to one stage

Model	Dimensions in mm									Net Weight kg	
	DNA/ DNM	L ₁	L ₂	A	B	M	D ₁	D ₂	H	Pump- end	Electric pump
VLR 30B - 20	65	588	312	105	320	136	193	160	170	48	78
VLR 30B - 30	65	680	350	105	320	150	220	300	190	56	102
VLR 30B - 40	65	752	350	105	320	150	220	300	190	59	109
VLR 30B - 50	65	856	856	105	320	228	316	350	222	70	155
VLR 30B - 60	65	1120	495	105	320	228	316	350	222	83	168
VLR 30B - 70	65	1192	495	105	320	228	316	350	222	86	178
VLR 30B - 80	65	1264	495	105	320	228	316	350	222	89	181
VLR 30B - 90	65	1336	495	105	320	228	316	350	222	93	185
VLR 30B - 100	65	1408	495	105	320	228	316	350	222	96	195
VLR 30B - 110	65	1480	495	105	320	228	316	350	222	99	198
VLR 30B - 120	65	1552	495	105	320	245	316	350	222	102	216