YAMASHITA®

QUALITY PRODUCTS, SERVICES & SUPPORT...

VMS series

Yamashita vertical high pressure centrifugal pump of inline design. PN 25 or with victaulic coupling with equally sized suction and discharge ports. All wetted contact parts are stainless steel. Stage construction with stainless steel impellers, diffusers and pressure casing. Pump stub shaft and motor spindle of the IEC-standards motors are directly closed coupled. A separate stool mounted roller bearing serves to balance the axial forces so that any make IEC-standard motor can be used. Maintenance-free bidirectional mechanical seal. All revelant parts suitable to handle foor-compatible fluids.

Application:

Water supply	:	Water filter and transport in waterworks, boosting of main pipeline, boosting in high-rise buildings.
Industrial boosting	:	Process flow water system, cleaning system, high pressure washing system, fire fighting system.
Industrial liquid conveying	:	Cooling and air-conditioning system, boiler water supply and condensing system, machine-associated purpose, acid & alkaline.
Water treatment	:	Ultrafiltration system, reverse osmosis system, distillation system, separator, swimming pool.
Irrigation	:	Farmland irrigation, spray irrigation, dripping irrigation.

Construction Material

Pump Base	cast iron** / SS AISI 316L
Diffusers	SS AiSA 304 / 316L
Pressure Casing	SS AiSA 304 / 316L
Shaft	SS AiSA 316L
Seals	EPDM Viton
Casing Cover	Grade 304 / 316 S.S.
Mechanical Seal	SiC / Carbon

YAMASHITA®

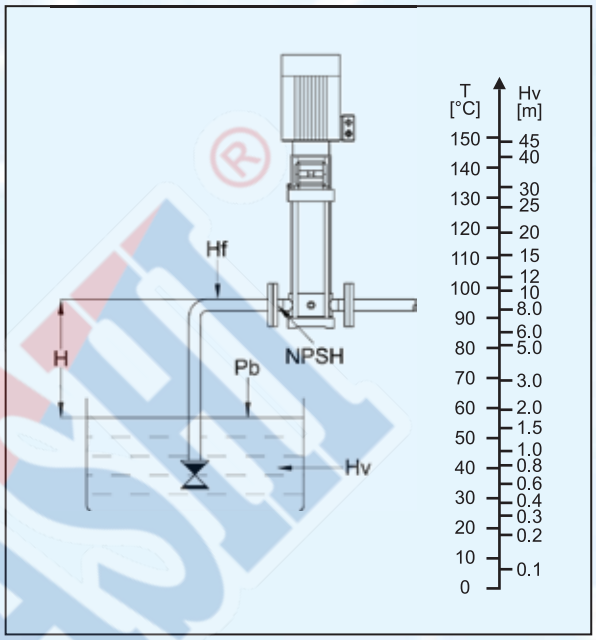
QUALITY PRODUCTS, SERVICES & SUPPORT...

VMS series

Operation in parallel

Connecting several pumps in parallel running will benefit much more than running a single large pump.

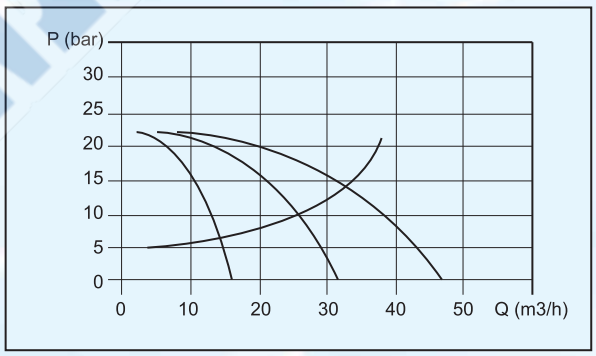
- Applicable to different working states necessary in a variable flow system.
- Increasing the posibility of water supply when the pump is in failure. Because in case of pump failure, only part of the system flow is affected.



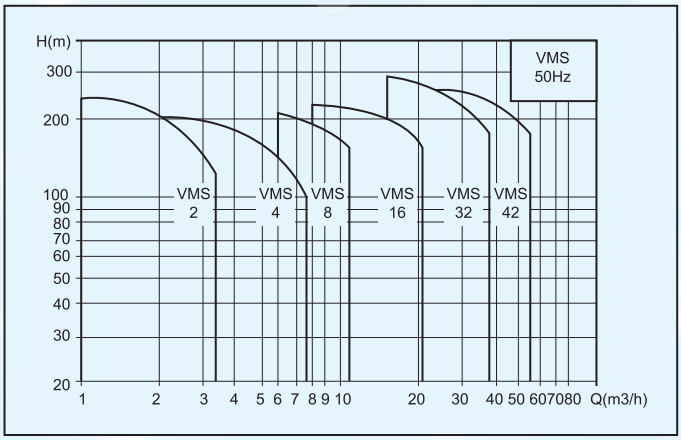
Minimum inlet pressure. (NPSH)

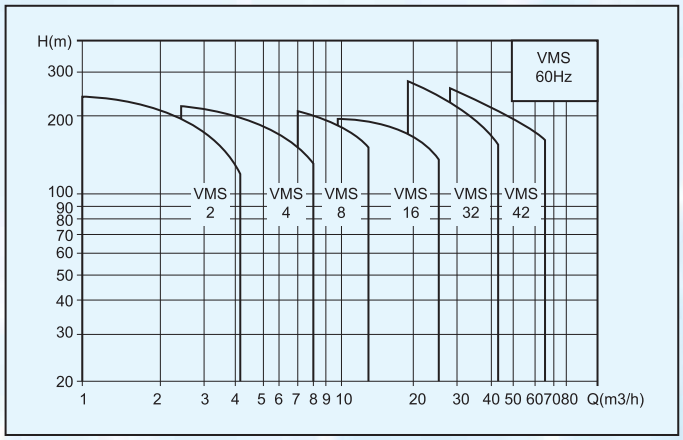
In case that the pressure in pump is lower than the steam pressure used to convey liquid, the cavitations will occur. To avoid cavitations, a minimum pressure at the inlet side of the pump shal be guaranteed. the maximum suction stroke can be calculated with the following formula:

H = Pb x 10.2 - NPSH - Hf - Hv - Hs
Pb = atmosphere pressure (bar)
(can be set as 1bar)
In a closed system Pb means system pressure (bar)
NPSH = Net Positive Suction Head (m)
(It can be read out from the point of possible max, flow rate shown on NPSH curve)
Hf = Pipeline loss at inlet (m)
Hv = Stream pressure (m)
Hs = Safety margin = Minimum 0.5m delivery head if the calculated result H is positive, the pump may run under the max. suction stroke H.
In case the calculated result H is negative, a delivery head of min. inlet pressure is necessary.



Performance Curves





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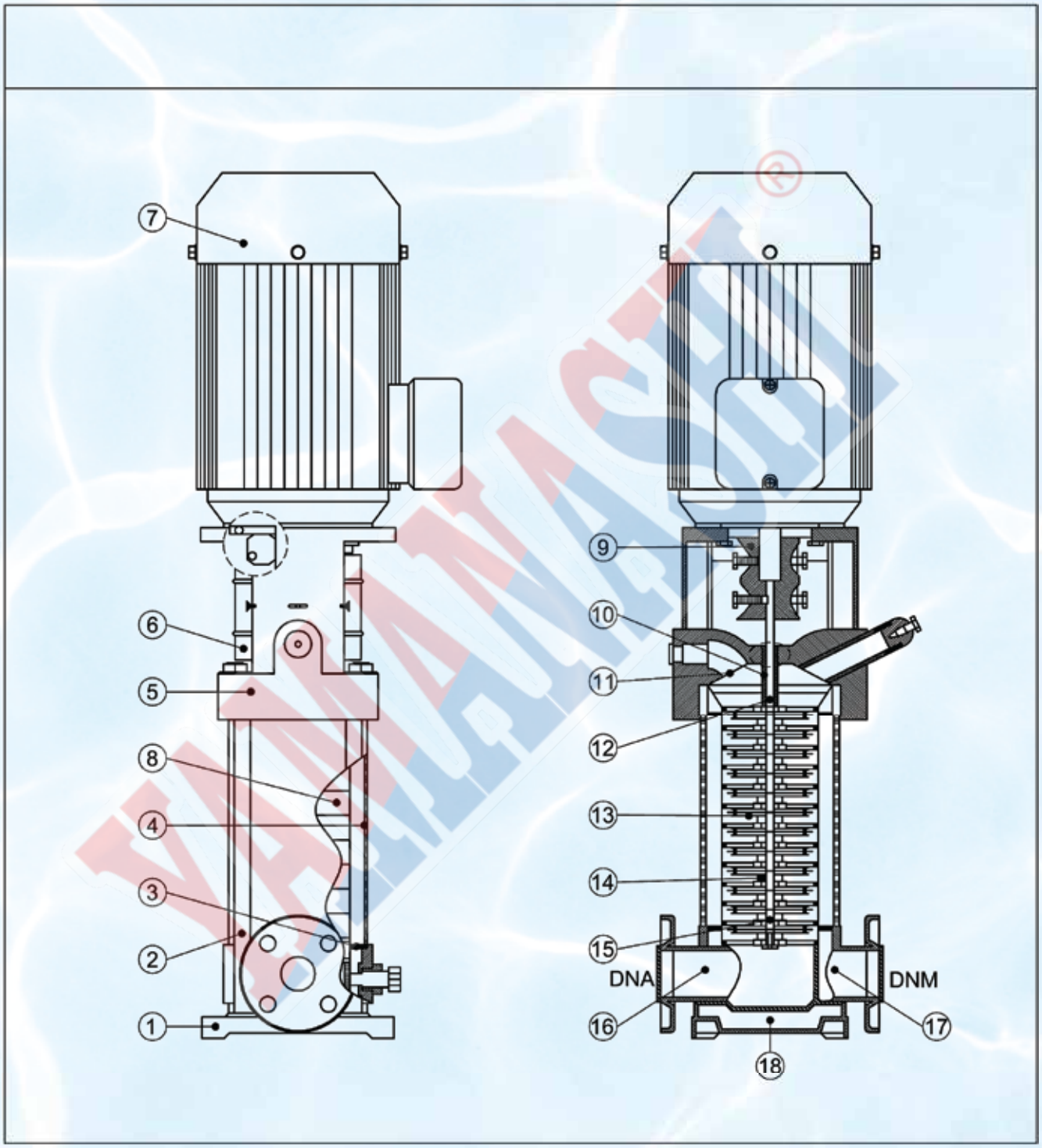
QUALITY PRODUCTS, SERVICES & SUPPORT...

VMS series



Item	Name	Material	AISI / ASTM
1	Base frame	Cast iron	ASTM25B
2	Tei-rod	Stainless steel	AISI304
3	Seal washer		
4	Pressure-resistant cylinder	Stainless steel	AISI304
5	Pump head	Cast iron	ASTM25B
6	Protect cover	Stainless steel	AISI304
7	Electric motor		
8	Pump body	Stainless steel	AISI304
9	Coupling	Carbon steel	

Item	Name	Material	AISI / ASTM
10	Mechanical Seal	Stainless steel	AISI304
11	Pump head cover	Stainless steel	AISI304
12	Shaft	Stainless steel	AISI304
13	Impeller	Stainless steel	AISI304
14	Guide vane	Stainless steel	AISI304
15	Impeller separating sleeve	Stainless steel	AISI304
16	Inlet section	Stainless steel	AISI304
17	Outlet section	Stainless steel	AISI304
18	Base framex	Cast iron	ASTM25B

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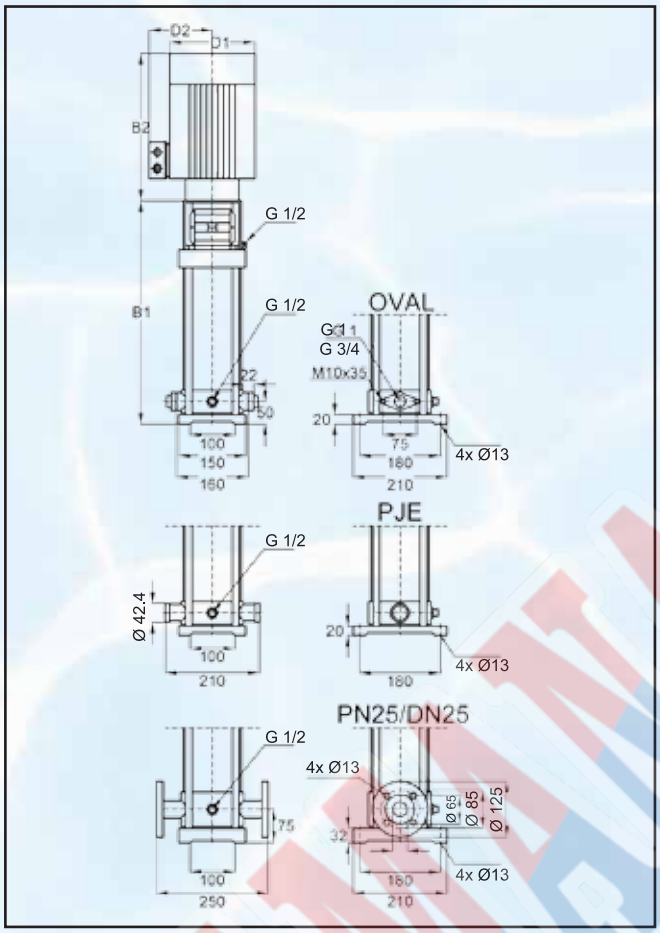
QUALITY PRODUCTS, SERVICES & SUPPORT...

VMS series

VMS 2

DIMENSIONAL SKETCHES



ELECTRICAL DATA

TYPE	MOTOR		POWER FACTOR (cos Φ)
	kW	HP	
VMS 2-02	0.37	0.50	0.81
VMS 2-03	0.37	0.50	0.81
VMS 2-04	0.55	0.75	0.82
VMS 2-05	0.55	0.75	0.82
VMS 2-06	0.75	1.0	0.83
VMS 2-07	0.75	4.0	0.83
VMS 2-09	1.1	1.5	0.85
VMS 2-11	1.1	1.5	0.85
VMS 2-13	1.5	2.0	0.84
VMS 2-15	1.5	2.0	0.84
VMS 2-18	2.2	3.0	0.84
VMS 2-22	2.2	3.0	0.84
VMS 2-26	3.0	4.0	0.87

DIMENSIONS AND WEIGHT

TYPE	DIMENSIONS (mm)					WEIGHT (kg)
	B1	B2	B1+B2	D1	D2	
VMS 2-02	245	220	465	140	110	25/20
VMS 2-03	263	220	483	140	110	25/20
VMS 2-04	281	220	501	140	110	25/20
VMS 2-05	299	220	519	140	110	25/20
VMS 2-06	322	250	572	160	125	30/25
VMS 2-07	340	250	590	160	125	30/25
VMS 2-09	376	250	626	160	125	35/30
VMS 2-11	412	250	662	160	125	35/30
VMS 2-13	465	290	755	180	125	40/35
VMS 2-15	501	290	791	180	125	40/35
VMS 2-18	555	290	845	180	125	45/40
VMS 2-22	627	290	917	180	125	50/45
VMS 2-26	707	330	1037	190	140	55/50

PIPE COUPLING

PIPE COUPLING		
	OVAL	G1, G3/4
	PJE	Ø42.4
	DIN	DN25

PERFORMANCE DATA

TYPE	MOTOR POWER (kW)	Q (m3/h)	1	1.2	1.6	2.0	2.4	2.8	3.2	3.5
VMS 2-02	0.37		18	17	16	15	13	12	10	8
VMS 2-03	0.37		27	26	24	22	20	18	15	12
VMS 2-04	0.55		36	35	33	30	26	24	20	16
VMS 2-05	0.55		45	43	40	37	33	30	24	20
VMS 2-06	0.75		53	52	50	45	40	36	30	24
VMS 2-07	0.75		63	61	57	52	47	41	35	28
VMS 2-09	1.1	H (m)	80	78	73	67	61	54	45	37
VMS 2-11	1.1		98	95	89	82	73	64	54	44
VMS 2-13	1.5		116	114	106	98	89	78	65	52
VMS 2-15	1.5		134	130	123	112	100	90	73	60
VMS 2-18	2.2		161	157	148	136	121	108	91	76
VMS 2-22	2.2		197	192	180	165	148	130	110	90
VMS 2-26	3.0		232	228	214	198	179	158	130	110

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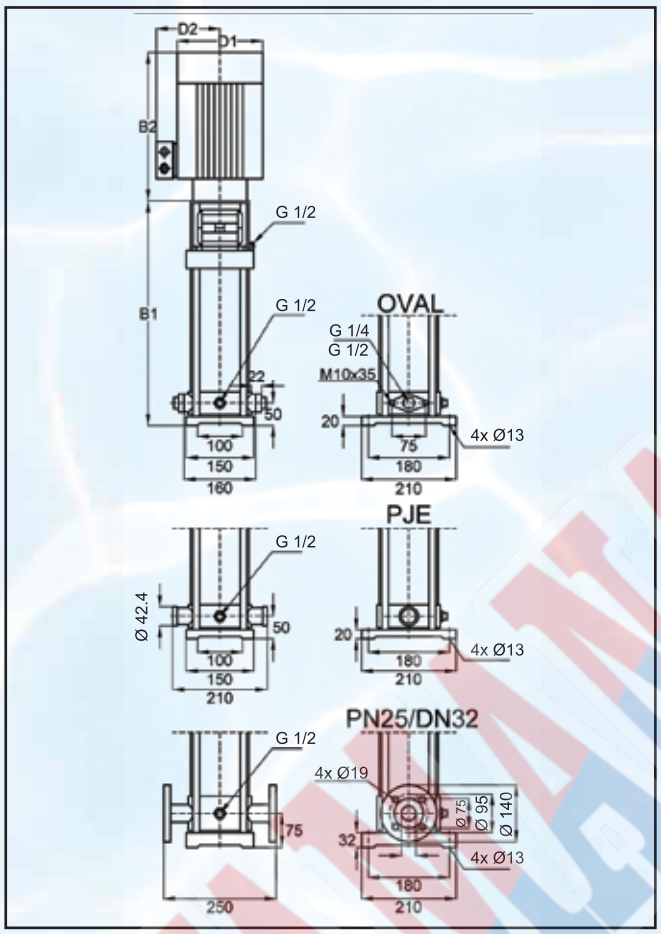
QUALITY PRODUCTS, SERVICES & SUPPORT...

VMS series

VMS 4

DIMENSIONAL SKETCHES



PIPE COUPLING

PIPE COUPLING	OVAL	G1 1/4, G1 1/2
	PJE	Ø42.4
	DIN	DN25

ELECTRICAL DATA

TYPE	MOTOR kW	MOTOR HP	POWER FACTOR (cos Φ)
VMS 4-02	0.37	0.50	0.81
VMS 4-03	0.55	0.75	0.82
VMS 4-04	0.75	1.0	0.83
VMS 4-05	1.1	1.5	0.85
VMS 4-06	1.1	1.5	0.85
VMS 4-07	1.5	2.0	0.84
VMS 4-08	1.5	2.0	0.84
VMS 4-10	2.2	3.0	0.84
VMS 4-12	2.2	3.0	0.84
VMS 4-14	3.0	4.0	0.87
VMS 4-16	3.0	4.0	0.87
VMS 4-19	4.0	5.5	0.88
VMS 4-20	4.0	5.5	0.88

DIMENSIONS AND WEIGHT

TYPE	DIMENSIONS (mm) B1	B2	B1+B2	D1	D2	WEIGHT (kg)
VMS 4-02	263	220	483	140	110	25/20
VMS 4-03	290	220	510	140	110	25/20
VMS 4-04	322	250	572	160	125	25/20
VMS 4-05	349	250	599	160	125	25/20
VMS 4-06	376	250	626	160	125	25/20
VMS 4-07	447	290	737	180	125	30/25
VMS 4-08	447	290	737	180	125	30/25
VMS 4-10	501	290	791	180	125	35/30
VMS 4-12	555	290	845	180	125	35/30
VMS 4-14	671	330	1001	190	140	40/35
VMS 4-16	671	330	1001	190	140	40/35
VMS 4-19	752	330	1082	220	150	40/35
VMS 4-20	833	330	1163	220	150	45/40

PERFORMANCE DATA

TYPE	MOTOR POWER (kW)	Q (m3/h)	1.5	2.0	3.0	4.0	5.0	6.0	7.0	8.0
VMS 4-02	0.37		19	18	17	15	13	10	8	6
VMS 4-03	0.55		28	27	26	24	20	18	13	10
VMS 4-04	0.75		38	36	34	32	24	24	19	13
VMS 4-05	1.1		47	45	43	40	34	31	23	17
VMS 4-06	1.1		56	54	52	48	41	37	28	20
VMS 4-07	1.5		66	63	61	56	48	43	33	24
VMS 4-08	1.5	H (m)	74	72	70	64	55	50	38	27
VMS 4-10	2.2		96	90	87	81	71	62	48	34
VMS 4-12	2.2		114	108	104	95	85	75	58	41
VMS 4-14	3.0		136	126	122	112	101	89	68	48
VMS 4-16	3.0		152	144	140	129	115	101	78	55
VMS 4-19	4.0		183	171	168	153	137	122	93	67
VMS 4-20	4.0		211	200	192	178	160	138	108	79

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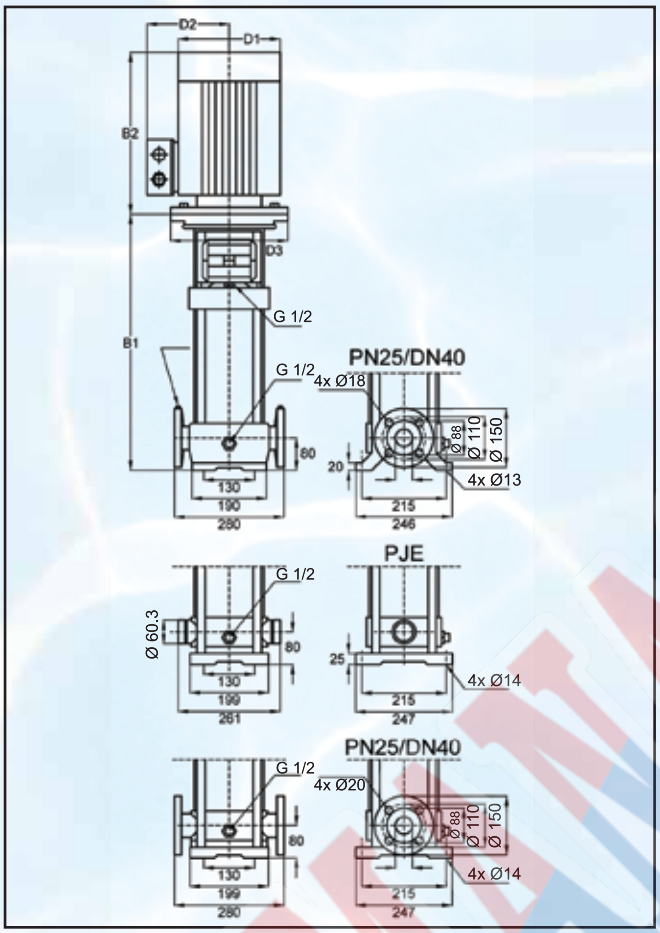
QUALITY PRODUCTS, SERVICES & SUPPORT...

VMS series

VMS 8

DIMENSIONAL SKETCHES



PIPE COUPLING

PIPE COUPLING	OVAL	G1 1/2, G2
	PJE	Ø60.3
	DIN	DN50

ELECTRICAL DATA

TYPE	MOTOR kW	MOTOR HP	POWER FACTOR (cos Φ)
VMS 8-02	0.75	1.0	0.83
VMS 8-03	1.1	1.5	0.85
VMS 8-04	1.5	2.0	0.84
VMS 8-05	2.2	3.0	0.84
VMS 8-06	2.2	3.0	0.84
VMS 8-08	3.0	4.0	0.87
VMS 8-10	4.0	5.5	0.88
VMS 8-12	4.0	5.5	0.88
VMS 8-14	5.5	7.5	0.88
VMS 8-16	5.5	7.5	0.88
VMS 8-18	7.5	10	0.88
VMS 8-20	7.5	10	0.88

DIMENSIONS AND WEIGHT

TYPE	DIMENSIONS (mm) B1	B2	B1+B2	D1	D2	D3	WEIGHT (kg)
VMS 8-02	355	250	605	160	125	-	35/25
VMS 8-03	385	250	635	160	125	-	40/30
VMS 8-04	427	290	717	180	125	-	40/30
VMS 8-05	457	290	747	180	125	-	50/40
VMS 8-06	487	290	777	180	125	-	50/40
VMS 8-08	553	330	883	190	140	-	55/45
VMS 8-10	613	330	943	220	150	-	65/55
VMS 8-12	673	330	1003	220	150	-	65/55
VMS 8-14	750	420	1170	260	210	300	98/80
VMS 8-16	810	420	1230	260	210	300	98/80
VMS 8-18	870	420	1290	260	210	300	100/90
VMS 8-20	930	420	1350	260	210	300	100/90

PERFORMANCE DATA

TYPE	MOTOR POWER (kW)	Q (m3/h)	5	6	7	8	9	10	11	12
VMS 8-02	0.75		21	20	19	18	17	16	15	14
VMS 8-03	1.1		31	30	29	28	26	24	23	20
VMS 8-04	1.5		41	40	39	37	35	32	30	27
VMS 8-05	2.2		52	50	48	46	44	41	37	34
VMS 8-06	2.2		62	60	58	55	53	49	45	41
VMS 8-08	3.0		83	80	78	74	70	65	60	54
VMS 8-10	4.0	H (m)	104	100	97	92	88	80	75	68
VMS 8-12	4.0		125	120	116	110	105	97	90	81
VMS 8-14	5.5		146	140	136	129	123	113	105	95
VMS 8-16	5.5		166	160	155	147	140	130	120	108
VMS 8-18	7.5		187	180	175	166	158	146	135	122
VMS 8-20	7.5		208	200	194	185	175	162	150	135

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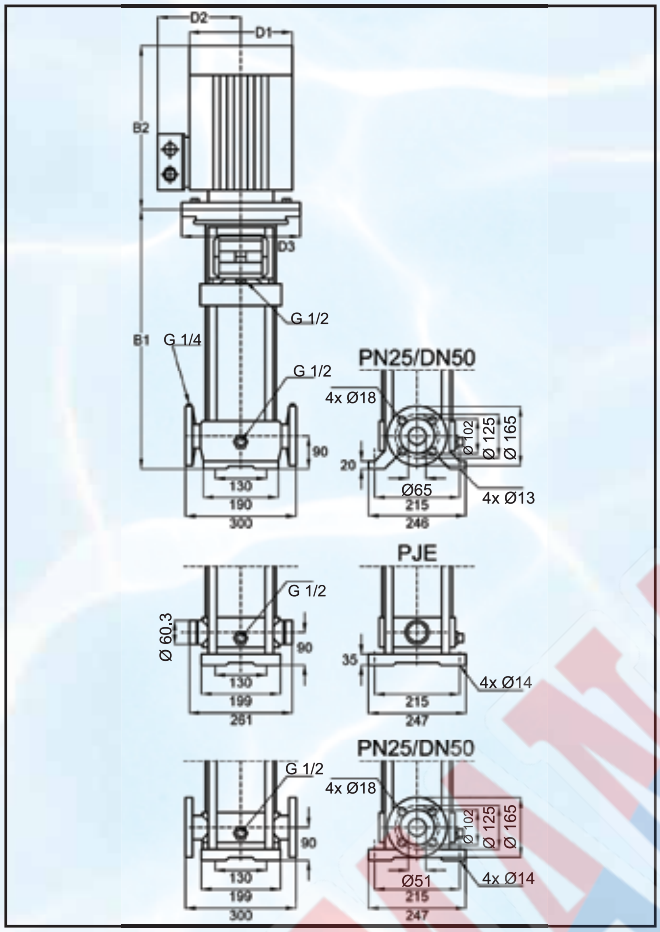
QUALITY PRODUCTS, SERVICES & SUPPORT...

VMS series

VMS 16

DIMENSIONAL SKETCHES



ELECTRICAL DATA

TYPE	MOTOR kW	MOTOR HP	POWER FACTOR (cos Φ)
VMS 16-02	2.2	3.0	0.84
VMS 16-03	3.0	4.0	0.87
VMS 16-04	4.0	5.5	0.88
VMS 16-05	5.5	7.5	0.88
VMS 16-06	5.5	7.5	0.88
VMS 16-07	7.5	10	0.88
VMS 16-08	7.5	10	0.88
VMS 16-10	11	15	0.89
VMS 16-12	11	15	0.89
VMS 16-14	15	20	0.90
VMS 16-16	15	20	0.90

DIMENSIONS AND WEIGHT

TYPE	DIMENSIONS (mm) B1	B2	B1+B2	D1	D2	D3	WEIGHT (kg)
VMS 16-02	452	209	742	180	125	-	50/40
VMS 16-03	458	330	788	190	140	-	55/50
VMS 16-04	503	330	833	220	150	-	60/55
VMS 16-05	565	420	985	260	210	300	80/70
VMS 16-06	610	420	1030	260	210	300	85/75
VMS 16-07	655	420	1075	260	210	300	90/80
VMS 16-08	700	420	1120	260	210	300	90/80
VMS 16-10	820	500	1320	330	260	350	125/115
VMS 16-12	910	500	1410	330	260	350	130/115
VMS 16-14	1000	500	1500	330	260	350	175/160
VMS 16-16	1090	500	1590	330	260	350	180/165

PIPE COUPLING

PIPE COUPLING		
	OVAL	G1 1/2, G2
	PJE	Ø60.3
	DIN	DN50

PERFORMANCE DATA

TYPE	MOTOR POWER (kW)	Q (m3/h)	8	10	12	14	16	18	20	22
VMS 16-02	2.2		28	27	26	25	23	21	19	17
VMS 16-03	3.0		42	41	39	39	35	32	29	26
VMS 16-04	4.0		56	54	52	52	47	44	38	34
VMS 16-05	5.5		69	68	65	65	59	54	48	43
VMS 16-06	5.5		83	81	78	78	70	64	58	52
VMS 16-07	7.5		97	95	92	92	82	75	68	61
VMS 16-08	7.5	H (m)	111	108	105	105	94	86	77	70
VMS 16-10	11		139	136	131	131	118	108	97	87
VMS 16-12	11		167	163	157	157	141	129	116	105
VMS 16-14	15		194	190	184	184	165	151	136	122
VMS 16-16	15		222	217	210	210	189	173	155	140

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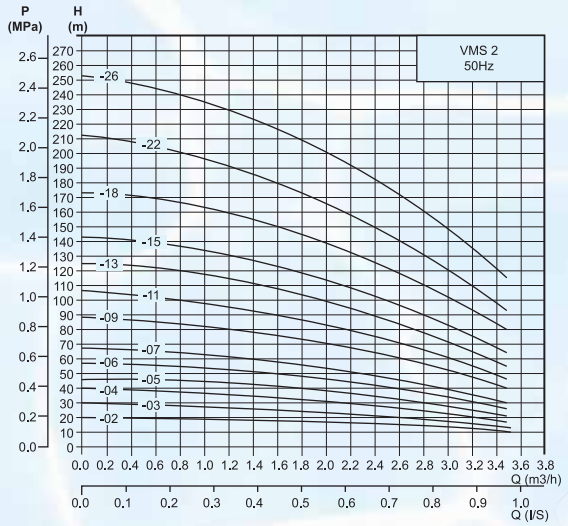
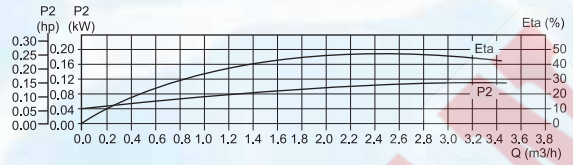
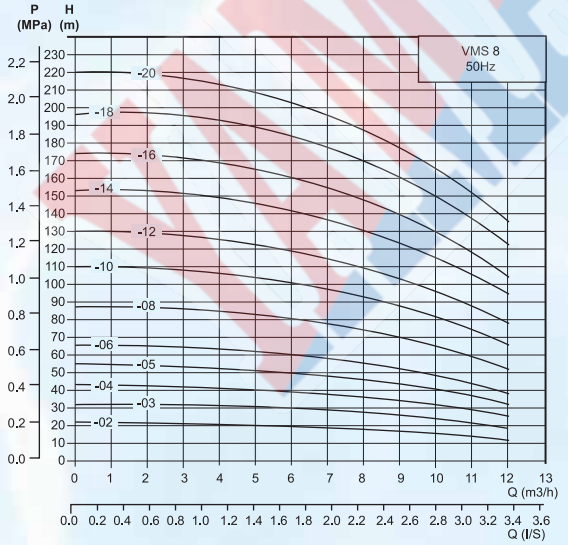
QUALITY PRODUCTS, SERVICES & SUPPORT...

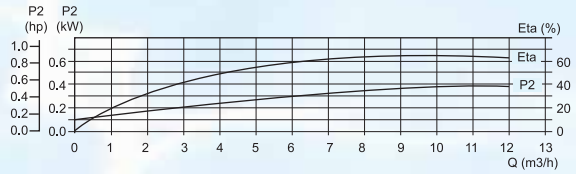
VMS series

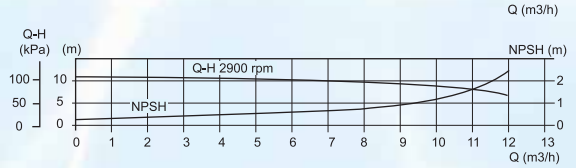
PERFORMANCE DATA

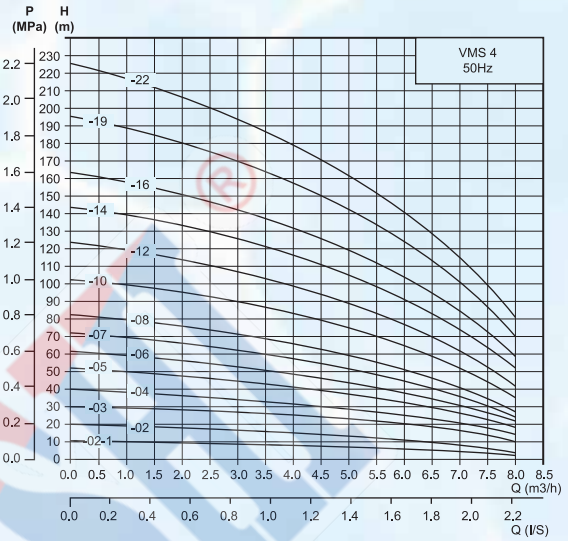


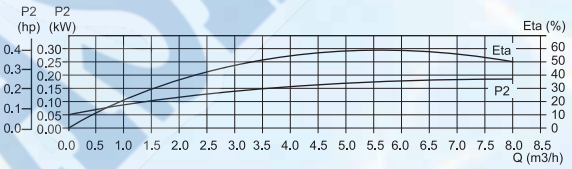


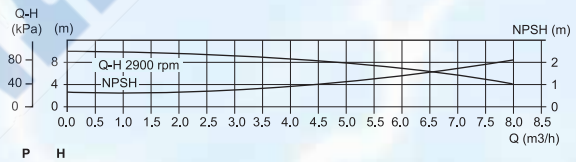


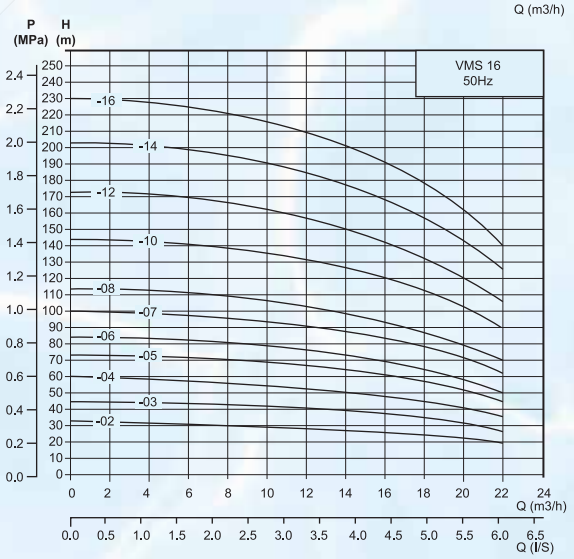


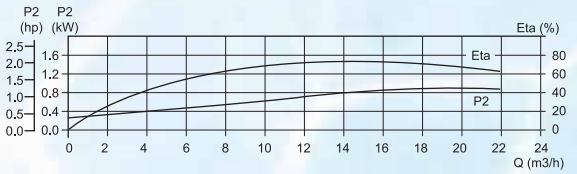


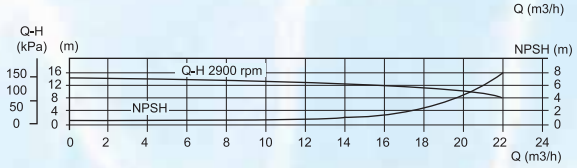












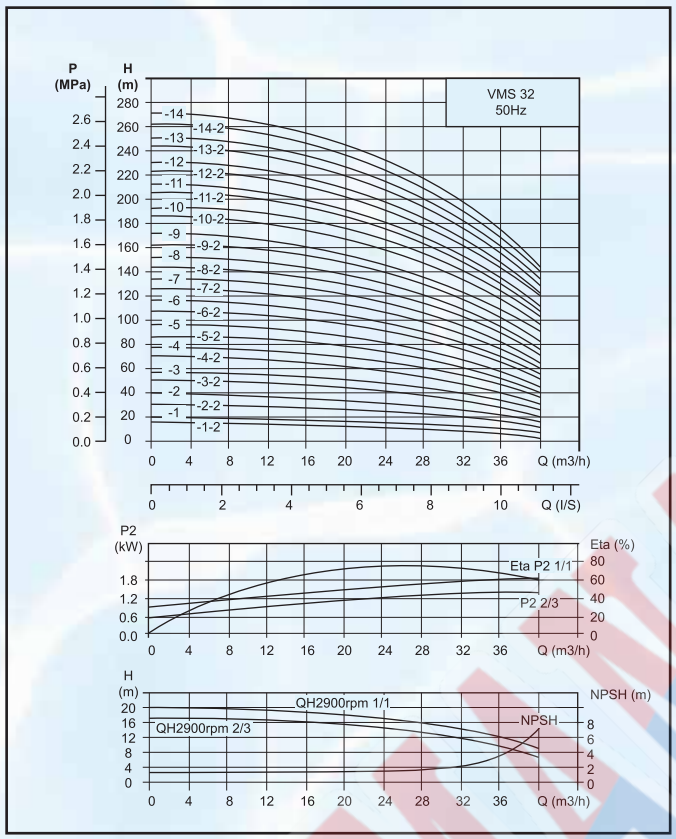
YAMASHITA®

QUALITY PRODUCTS, SERVICES & SUPPORT...

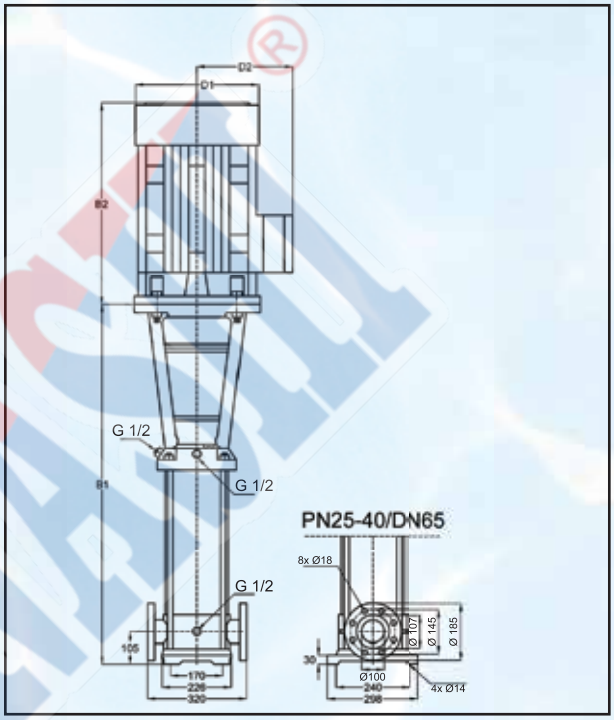
VMS series

VMS 32

PERFORMANCE CURVES



DIMENSIONAL SKETCHES



PERFORMANCE TABLE

TYPE	MOTOR POWER (kW)	Q (m3/h)	16	20	24	28	32	36	40
VMS 32-01-1	1.5		14	13	12	11	9	7	4
VMS 32-01	2.2		18	17	15	14	13	11	8
VMS 32-02-2	3.0		29	28	26	23	20	16	11
VMS 32-02	4.0		36	34	32	29	27	23	18
VMS 32-03-2	5.5		47	44	41	38	33	28	21
VMS 32-03	5.5		54	51	48	44	40	35	27
VMS 32-04-2	7.5		65	62	58	53	46	40	30
VMS 32-04	7.5		72	69	65	59	53	47	37
VMS 32-05-2	11		83	79	74	68	60	52	41
VMS 32-05	11		90	86	81	74	67	59	47
VMS 32-06-2	11		101	97	90	83	74	65	51
VMS 32-06	11		108	104	97	90	81	72	57
VMS 32-07-2	15	H (m)	119	114	107	98	88	78	60
VMS 32-07	15		126	121	113	105	95	85	67
VMS 32-08-2	15		136	131	123	114	102	90	71
VMS 32-08	15		144	138	130	120	109	97	77
VMS 32-09-2	18.5		154	148	140	129	117	102	82
VMS 32-09	18.5		162	156	147	136	124	109	88
VMS 32-10-2	18.5		175	166	157	146	131	115	91
VMS 32-10	18.5		182	173	164	152	138	112	98
VMS 32-11-2	22		193	184	173	164	146	128	102
VMS 32-11	22		200	191	180	168	153	135	109
VMS 32-12-2	22		211	201	189	178	160	140	113
VMS 32-12	22		218	208	196	184	167	147	120
VMS 32-13-2	30		230	218	206	193	174	153	124
VMS 32-13	30		237	225	213	200	181	160	131
VMS 32-14-2	30		247	235	222	210	189	165	135
VMS 32-14	30		255	242	229	216	196	172	142

DIMENSIONS AND WEIGHT

TYPE	DIMENSIONS (mm)					WEIGHT (kg)
	B1	B2	B1+B2	D1	D2	
VMS 32-01-1 / VMS 32-01	505	290	795	190	155	68/71
VMS 32-02-2 / VMS 32-02	575	315/335	890/910	197/230	165/188	78/84
VMS 32-03-2 / VMS 32-03	645	430	1075	260	208	93
VMS 32-04-2 / VMS 32-04	715	430	1145	260	208	102
VMS 32-05-2 / VMS 32-05	890	490	1380	330	255	172
VMS 32-06-2 / VMS 32-06	960	490	1450	330	255	176
VMS 32-07-2 / VMS 32-07	1030	490	1520	330	255	188
VMS 32-08-2 / VMS 32-08	1100	490	1590	330	255	192
VMS 32-09-2 / VMS 32-09	1170	550	1720	330	255	218
VMS 32-10-2 / VMS 32-10	1240	550	1790	330	255	222
VMS 32-11-2 / VMS 32-11	1340	590	1900	360	285	259
VMS 32-12-2 / VMS 32-12	1380	590	1970	360	285	263
VMS 32-13-2 / VMS 32-13	1450	660	2110	400	310	327
VMS 32-14-2 / VMS 32-14	1520	660	2180	400	310	331

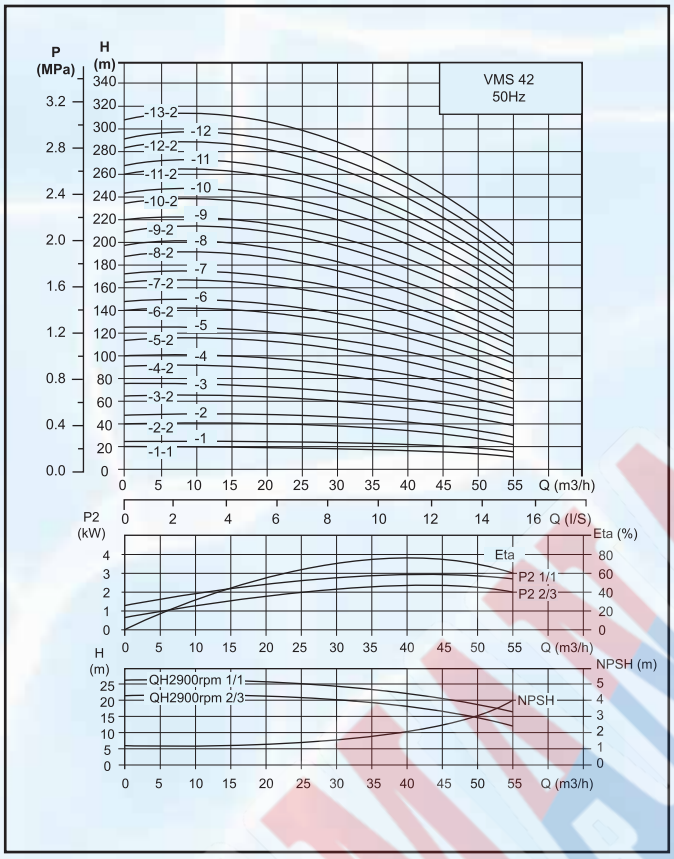
YAMASHITA®

QUALITY PRODUCTS, SERVICES & SUPPORT...

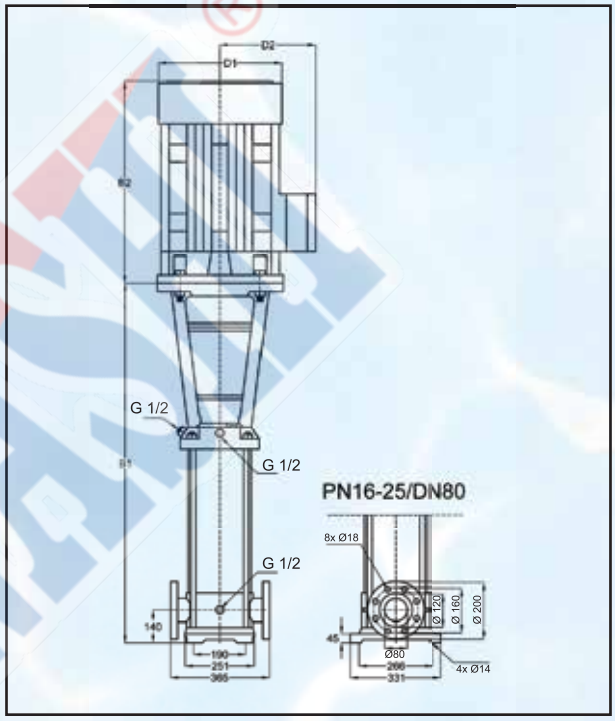
VMS series

VMS 42

FERFORMANCE CURVES



DIMENSIONAL SKETCHES



PERFORMANCE TABLE

TYPE	MOTOR POWER (kW)	Q (m3/h)	16	20	24	28	32	36	40	40
VMS 42-01-1	3.0		20	19	18	17	16	14	13	11
VMS 42-01	4.0		24	23	22	21	20	19	18	16
VMS 42-02-2	5.5		40	38	36	33	32	30	27	23
VMS 42-02	7.5		48	46	44	42	41	39	35	31
VMS 42-03-2	11		63	61	58	54	52	50	44	38
VMS 42-03	11		71	69	66	63	61	58	53	47
VMS 42-04-2	15		87	84	80	75	73	69	62	54
VMS 42-04	15		95	92	88	84	81	78	71	62
VMS 42-05-2	18.5		111	107	102	96	93	88	80	69
VMS 42-05	18.5		119	115	110	105	101	97	88	78
VMS 42-06-2	22		135	130	124	117	113	108	97	85
VMS 42-06	22		143	138	132	125	122	116	106	93
VMS 42-07-2	30		158	152	146	138	134	127	115	100
VMS 42-07	30	H	166	161	154	146	142	135	124	109
VMS 42-08-2	30	(m)	182	175	168	159	154	146	133	116
VMS 42-08	30		190	184	176	167	162	154	141	124
VMS 42-09-2	30		205	198	190	180	174	166	150	132
VMS 42-09	37		214	207	198	188	183	174	159	140
VMS 42-10-2	37		230	221	212	200	194	185	168	147
VMS 42-10	37		238	230	220	209	203	193	177	155
VMS 42-11-2	45		255	246	236	223	217	206	188	165
VMS 42-11	45		263	255	244	232	225	214	196	173
VMS 42-12-2	45		280	270	259	245	238	226	206	181
VMS 42-12	45		289	280	268	255	247	236	217	190
VMS 42-13-2	45		305	294	282	267	259	247	225	198

DIMENSIONS AND WEIGHT

TYPE	DIMENSIONS (mm)					WEIGHT (kg)
	B1	B2	B1+B2	D1	D2	
VMS 42-01-1 VMS 42-01	561	315/335	876/896	197/230	165/188	86/92
VMS 42-02-2 VMS 42-02	641	430	1071	260	208	102/107
VMS 42-03-2 VMS 42-03	826	490	1316	330	255	175
VMS 42-04-2 VMS 42-04	906	490	1396	330	255	187
VMS 42-05-2 VMS 42-05	986	550	1536	330	255	208
VMS 42-06-2 VMS 42-06	1066	590	1656	360	285	251
VMS 42-07-2 VMS 42-07	1146	660	1806	400	310	315
VMS 42-08-2 VMS 42-08	1226	660	1886	400	310	319
VMS 42-09-2 VMS 42-09	1306	660	1966	400	310	323/343
VMS 42-10-2 VMS 42-10	1386	660	2046	400	31	347
VMS 42-11-2 VMS 42-11	1466	700	2166	450	345	413
VMS 42-12-2 VMS 42-12	1546	700	2246	450	345	417
VMS 42-13-2	1626	700	2326	450	345	421

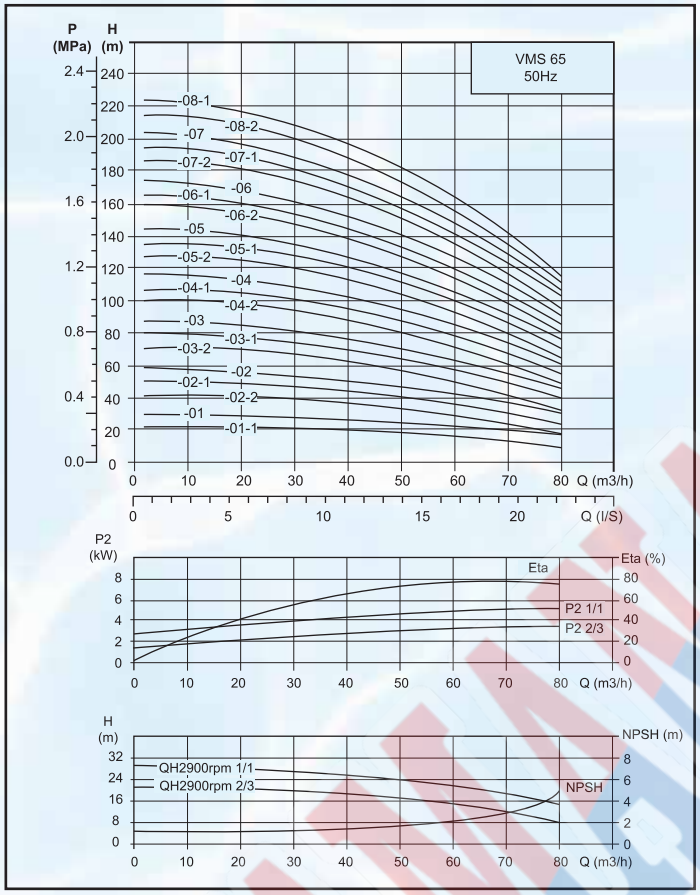
YAMASHITA®

QUALITY PRODUCTS, SERVICES & SUPPORT...

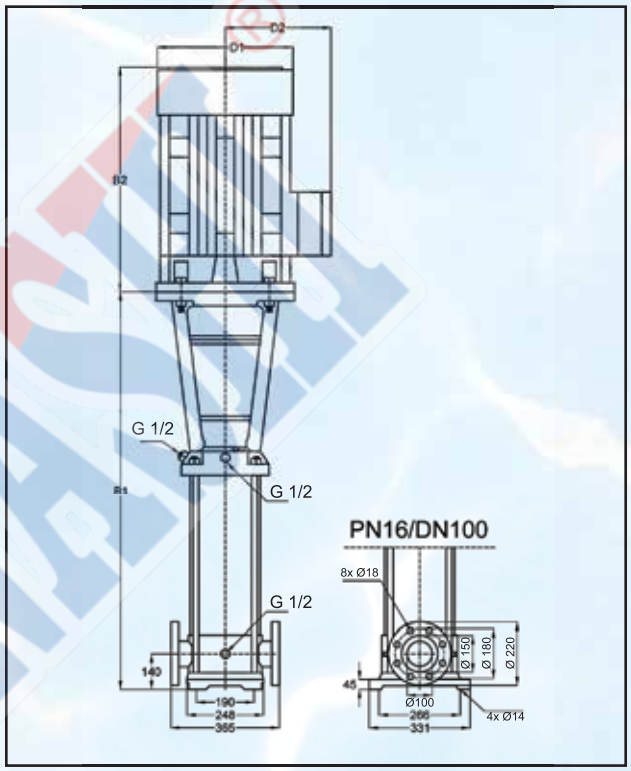
VMS series

VMS 65

FERFORMANCE CURVES



DIMENSIONAL SKETCHES



PERFORMANCE TABLE

TYPE	MOTOR POWER (kW)	Q (m3/h)	30	40	50	60	65	70	80
VMS 65-01-1	4.0		19	18	16	14	13	11	8
VMS 65-01	5.5		27	25	23	21	20	18	15
VMS 65-02-2	7.5		39	36	33	29	26	23	17
VMS 65-02-1	11		46	44	40	36	33	30	24
VMS 65-02	11		53	51	47	43	40	37	30
VMS 65-03-2	15		66	62	56	50	46	41	32
VMS 65-03-1	15		73	69	63	57	53	48	39
VMS 65-03	18.5		80	76	70	64	60	55	46
VMS 65-04-2	18.5		92	87	80	71	66	60	47
VMS 65-04-1	22		100	94	87	78	73	67	54
VMS 65-04	22		107	101	94	85	80	74	61
VMS 65-05-2	30		121	114	105	95	88	80	64
VMS 65-05-1	30	H	128	121	112	102	985	87	71
VMS 65-05	30	(m)	136	129	119	109	102	94	78
VMS 65-06-2	30		150	142	131	118	110	101	81
VMS 65-06-1	37		157	149	138	125	117	108	88
VMS 65-06	37		164	156	145	132	124	115	95
VMS 65-07-2	37		179	169	156	141	132	121	99
VMS 65-07-1	37		186	176	163	148	139	128	106
VMS 65-07	45		193	183	170	155	146	135	112
VMS 65-08-2	45		207	196	182	164	154	142	116
VMS 65-08-1	45		215	203	189	171	161	149	123

DIMENSIONS AND WEIGHT

TYPE	DIMENSIONS (mm)					WEIGHT (kg)
	B1	B2	B1+B2	D1	D2	
VMS 65-01-1	561	335	896	230	188	105
VMS 65-01	561	430	991	260	208	110
VMS 65-02-2	644	430	1074	260	208	120
VMS 65-02-1	754	490	1244	330	255	155
VMS 65-02	754	490	1244	330	255	155
VMS 65-03-2	836	490	1326	330	255	195
VMS 65-03-1	836	490	1326	330	255	195
VMS 65-03	836	550	1386	330	255	205
VMS 65-04-2	919	550	1469	330	255	208
VMS 65-04-1	919	590	1509	360	285	260
VMS 65-04	919	590	1509	360	285	260
VMS 65-05-2	101	660	1661	400	310	345
VMS 65-05-1	101	660	1661	400	310	345
VMS 65-05	1001	660	1661	400	310	345
VMS 65-06-2	1084	660	1744	400	310	350
VMS 65-06-1	1084	660	1744	400	310	370
VMS 65-06	1084	660	1744	400	310	370
VMS 65-07-2	1166	660	1826	400	310	375
VMS 65-07-1	1166	660	1826	400	310	375
VMS 65-07	1166	710	1876	400	310	435
VMS 65-08-2	1248	710	1958	460	340	440
VMS 65-08-1	1248	710	1958	460	340	440

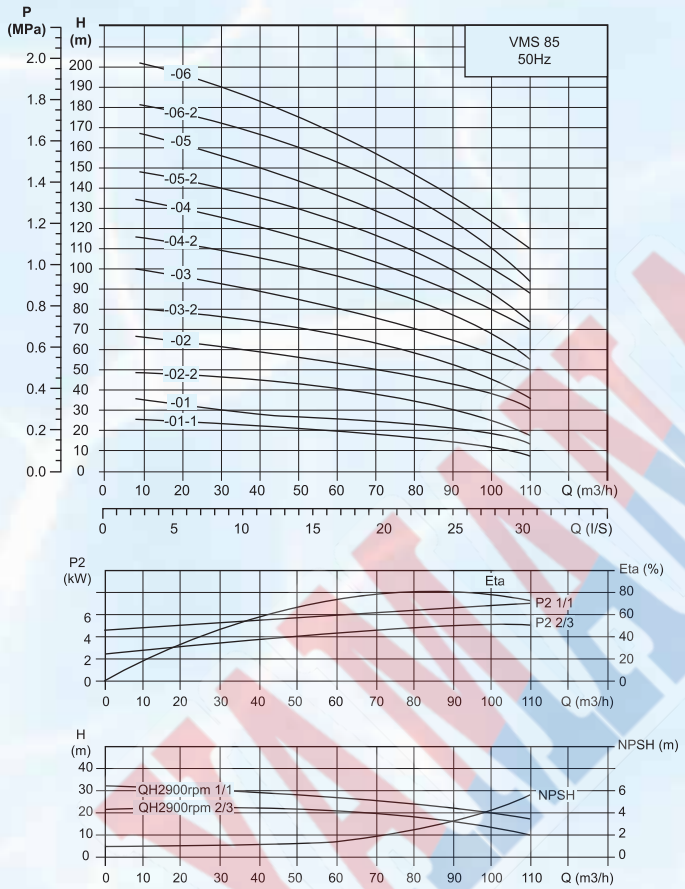
YAMASHITA®

QUALITY PRODUCTS, SERVICES & SUPPORT...

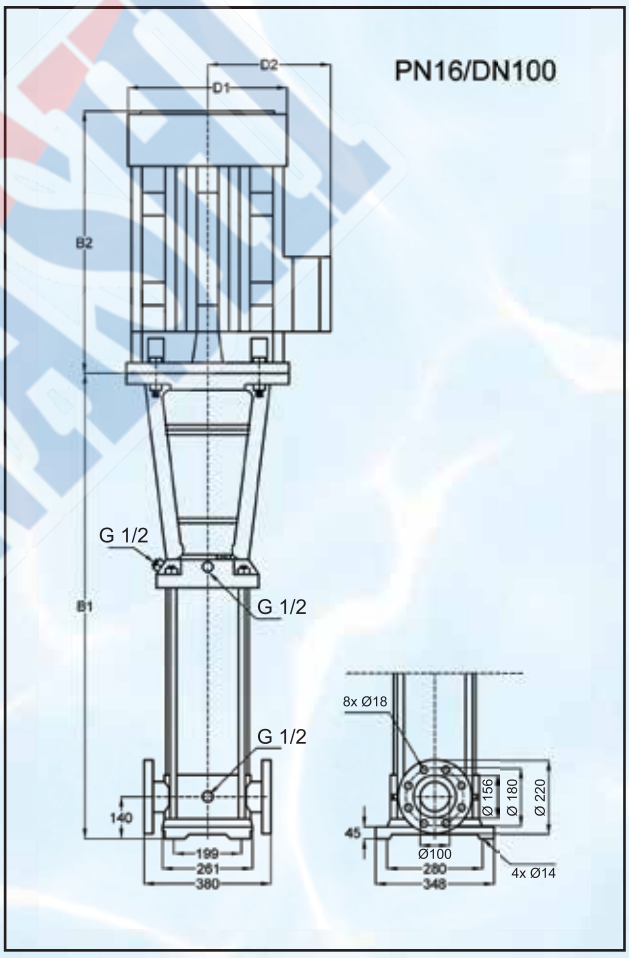
VMS series

VMS 85

FERFORMANCE CURVES



DIMENSIONAL SKETCHES



PERFORMANCE TABLE

TYPE	MOTOR POWER (kW)	Q (m3/h)	50	60	70	80	85	90	100	110
VMS 85-01-1	5.5		22	19	17	16	14	13	10	6
VMS 85-01	7.5		25	24	22	21	20	19	16	12
VMS 85-02-2	11		41	39	36	32	30	28	22	15
VMS 85-02	15		53	50	47	44	41	40	36	30
VMS 85-03-2	18.5		68	65	60	55	52	49	41	32
VMS 85-03	22		81	77	72	67	64	62	55	48
VMS 85-04-2	30		98	93	87	80	75	72	62	50
VMS 85-04	30		110	105	10	92	86	84	76	66
VMS 85-05-2	37	H	126	120	113	104	98	93	81	68
VMS 85-05	37	(m)	139	131	124	115	110	106	94	83
VMS 85-06-2	45		155	148	139	129	122	117	102	86
VMS 85-06	45		168	160	150	141	134	130	117	103

DIMENSIONS AND WEIGHT

TYPE	DIMENSIONS (mm)					WEIGHT (kg)
	B1	B2	B1+B2	D1	D2	
VMS 85-01-1	571	430	1001	260	208	120
VMS 85-01	571	430	1001	260	208	122
VMS 85-02-2	773	490	1263	330	255	165
VMS 85-02	773	490	1263	330	255	1498
VMS 85-03-2	865	550	1415	330	255	212
VMS 85-03	865	590	1455	360	285	265
VMS 85-04-2	957	660	1617	400	310	348
VMS 85-04	957	660	1617	400	310	348
VMS 85-05-2	1049	660	1709	400	310	375
VMS 85-05	1049	660	1709	400	310	375
VMS 85-06-2	1141	710	1851	460	340	438
VMS 85-06	1141	710	1851	460	340	438