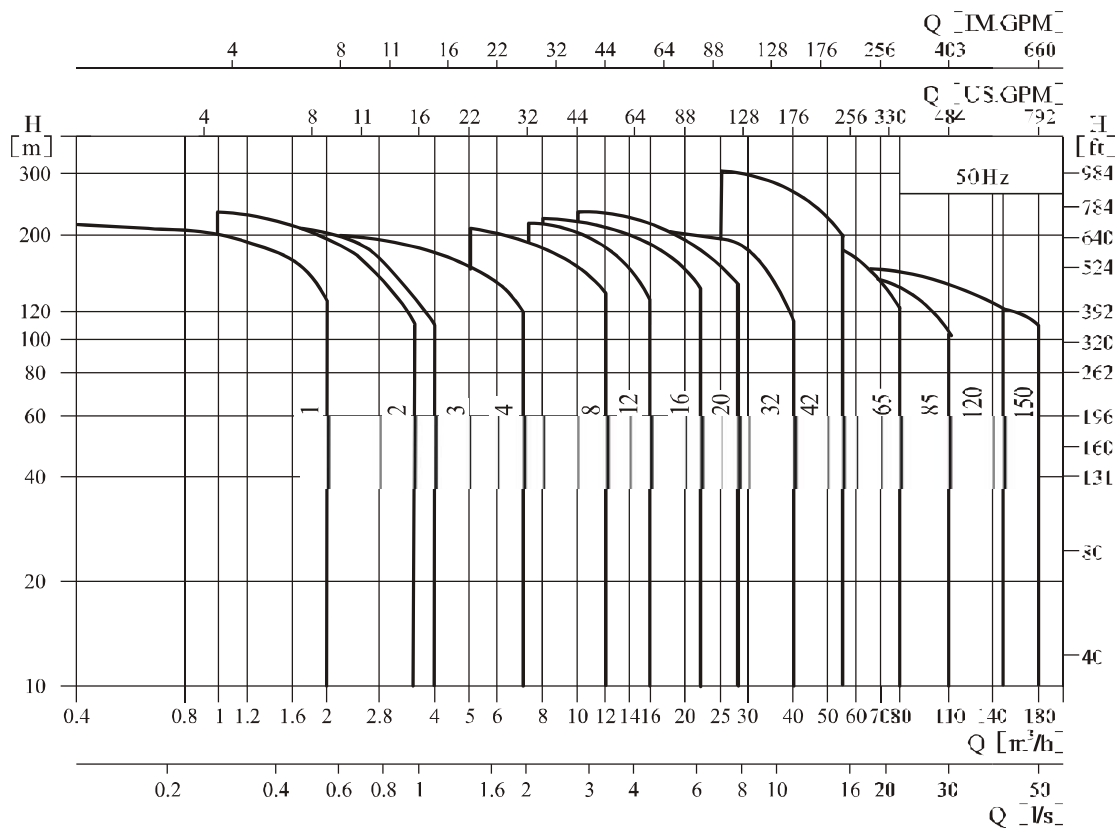


Performance scope



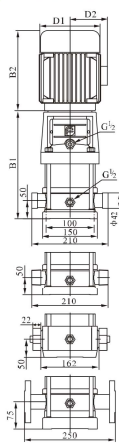
Product range

Description	SHV1	SHV2	SHV3	SHV4	SHV8	SHV12	SHV16	SHV20	SHV32	SHV42	SHV65	SHV85	SHV120	SHV150
Rated flow [m³/h]	1	2	3	4	8	12	16	20	32	42	65	85	120	150
Rated flow [l/s]	0.28	0.56	0.83	1.1	2.2	3.3	4.4	5.6	8.9	11.7	18	24	33	41.6
Flow range [m³/h]	0.4-2	1-3.5	1.2-4	1.5-7	5-12	7-16	8-22	10-28	16-40	25-55	30-80	50-110	60-150	80-180
Flow range [l/s]	0.11-0.56	0.28-0.97	0.33-1.1	0.42-1.9	1.4-3.3	1.9-4.4	2.2-6.1	2.8-7.8	4.4-11.1	6.9-15.3	8.3-22.2	13.3-30.5	15.7-41.7	22-50
Max. pressure [bar]	21	23	22	21	21	22	22	23	26	30	32	37	46	46
Motor power [kW]	0.37-2.2	0.37-3	0.37-3	0.37-4	0.75-7.5	1.5-11	2.2-15	1.1-18.5	1.5-30	3.0-45	4.0-45	5.5-45	11-75	11-75
Temperature range [°C]	-15~+120													
Max. efficiency [%]	44	46	54	59	64	63	66	69	76	78	80	81	74	73
Type														
SHV	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●
DIN Flange	DN25	DN25	DN25	DN32	DN40	DN50	DN50	DN50	DN65	DN80	DN100	DN100	DN125	DN125
Oval Flange	G1	G1	G1	G1 1/4	G1 1/2									
DIN Flange	DN25	DN25	DN25	DN32	DN40	DN50	DN50	DN50	DN65	DN80	DN100	DN100	DN125	DN125
Cutting ferrule joint	●	●	●	●	●	●	●	●						
Pipe thread	●	●	●	●	●	●	●	●						

SINGAPORE SHAKTI FIRE FIGHTING PUMPS		Technical data		SHV 4-14		Singapore	
Company name		MOTOLOGY Electric Pte Ltd					
Respons. Department		2 Woodlands Sector 1, Singapore 738086					
E-mail address		shaktipumpsg@gmail.com					
Website		shakti-pumps.com					

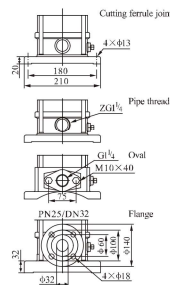
Dimensions in mm

● Installation sketch



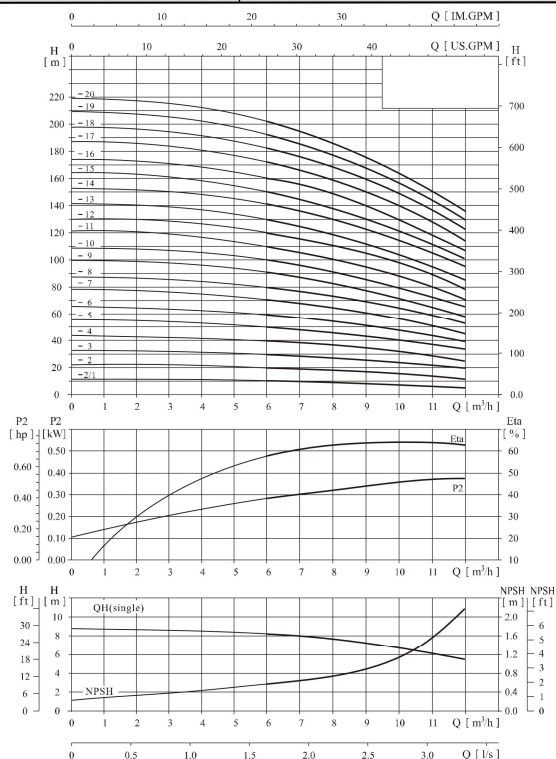
● Size and weight

Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SHV4-14	630	345	975	197	165	46
SHV4-19	765	355	1120	230	188	57



Company name
Respons. Department
E-mail address
Website

MOTOLOGY Electric Pte Ltd
2 Woodlands Sector 1, Singapore 738086
shaktipumpsg@gmail.com
shakti-pumps.com



Operating data specification

Nominal flow	m³/h	5.4
Nominal head	m	155
Static head	m	0
NPSH - value of plant	m	0
Inlet pressure	psi	1.42
Fluid		Water, pure
Operating temperature t A	°F	68
Density at t A	lb/ft³	62.32
Kin. viscosity at t A	ft²/s	1.082E-5

Pump

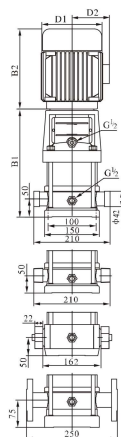
Pump name		SHV 8-16	
Size			
Design			
Speed	rpm 2900		
Impeller type			
Flow	Nominal	m³/h	8 12
	Max-	m³/h	5
	Min-	m³/h	130
Head	Nominal	m	145
	Max-	m	187
	Min-	m	120
Head H(Q=0)		m	
NPSH 3%		m	4
Max. working pressure		psi	202
Shaft power		hp	7.5
Efficiency		%	46
Max absorbed power		hp	10

Materials Pump

[illegible]

Dimensions in mm

● Installation sketch

[illegible]

Remarks:

Project	Project ID	Created by	Created on 2014-06-23	Last update
---------	------------	------------	--------------------------	-------------