

Sliding Vane Pumps

General duty pumps for road tanker and industrial applications



GMD series



Overview

The GMD series is designed for general duty applications of the petroleum and chemical industries.

It is available in three sizes, 2 , 2.5 and 3inch. The construction materials are cast iron body metals, mechanical seals available in several material options and advanced polymer vanes. It is designed with double discharge ability for easy installation and built-in adjustable by-pass valve.

General specifications

- 86lpm to 1240lpm
- 6 vanes of advanced polymer
- Mechanical seals in several options
- built in adjustable by-pass valve
- double end shaft as an option
- two way discharge ability

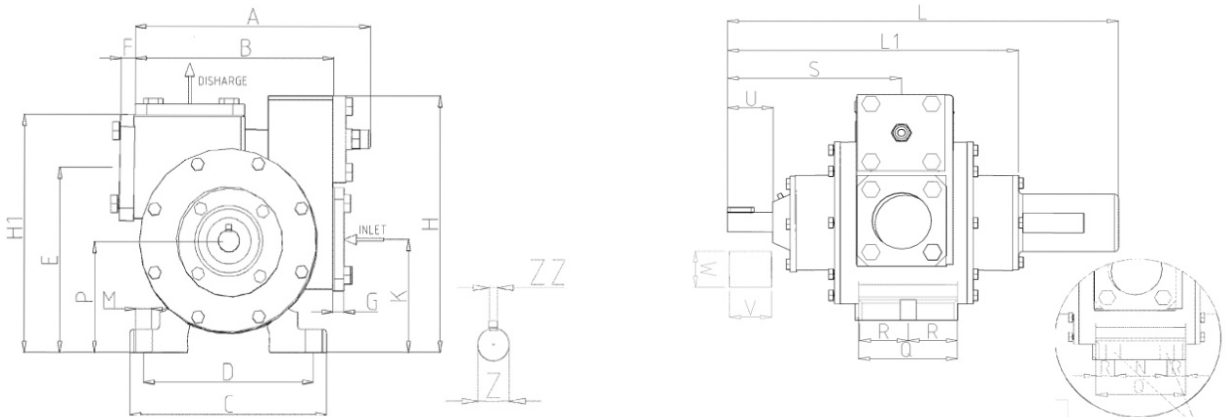
Maximum specifications chart

Pump model	Minimum Pump Speed			Maximum Pump Speed			maximum differential pressure	maximum working pressure	Maximum operating temperature
	Speed	Flow	Viscosity	Speed	Flow	Viscosity			
	Rpm	lpm (gpm)	cSt (ssu)	Rpm	lpm (gpm)	cSt (ssu)			
GMD2	200	120 (32)	4250(20000)	800	500 (132)	6 (46)	9(130)	12(174)	200 (392)
GMD2.5	200	200 (53)	4250(20000)	800	775 (205)	6 (46)	9(130)	12(174)	200 (392)
GMD3	150	196 (52)	4250(20000)	800	1240 (328)	6 (46)	9(130)	12(174)	200 (392)

Performance data

Pump Model	GMD2			GMD2.5			GMD3		
Pump speed	640	520	420	640	520	420	640	520	420
lpm	390	330	260	640	520	420	1090	900	710
gpm	103	87	69	169	137	111	288	238	188
Hp	2.2	1.6	1.0	4.6	2.4	1.5	10.8	7.9	6.8

Dimensions



Pump model	A	B	C	D	E	F	G	H	H1	K	L	L1	M	N	P	Q	R	S	U	V	W	Z	ZZ	Weight	
GMD2	mm	257	200	195	167	173	16	10	229	221	96	461	381	16	-	104	93	46	223	65	50	48	28	4	36.5kg
	inch	10.11	7.87	7.67	6.57	6.81	0.62	0.39	9.01	8.7	3.78	18.15	15	0.62	-	4.09	3.66	1.81	8.78	2.56	1.97	1.89	1.10	0.15	80lbs
GMD2.5	mm	277	216	208	182	189	16	12	262	248	108	491	409	16	-	110	115	57.5	238	67	50	48	30	4	51.5kg
	inch	10.9	8.5	8.18	7.16	7.44	0.62	0.47	10.31	9.76	4.25	19.33	16.10	0.62	-	4.33	4.52	2.26	9.37	2.63	1.97	1.89	1.18	0.15	112lbs
GMD3	mm	330	266	248	220	-	-	12	328	303	127	524	433	17.5	94	143	130	18	255	75	50	51	35	5	81kg
	inch	12.99	10.47	9.76	8.66	-	-	0.47	12.91	11.93	5	20.63	17.05	0.68	3.7	5.62	5.11	0.70	10	2.95	1.97	2	1.37	0.19	178.5lbs

2way discharge ability



Flanges

Pump model	standard	Optional
GMD2	EMHKAM weld	BSPP, NPT ANSI ADAPTOR
GMD2.5	EMHKAM weld	BSPP, NPT ANSI ADAPTOR
GMD3	EMHKAM weld	BSPP, NPT ANSI ADAPTOR

ATEX 



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