

Responding to Various Needs by Advanced Technology

KOSHIN

GEAR PUMPS

GB·GC SERIES

**High lifting capacity and increased pressure.
Simple mechanism. Compact and light.**



GB·GC SERIES

Model GB : For water, salt water, weak acids and various chemicals, etc.

Model GC : For kerosene, light oil, machine oil, heavy oil, etc.

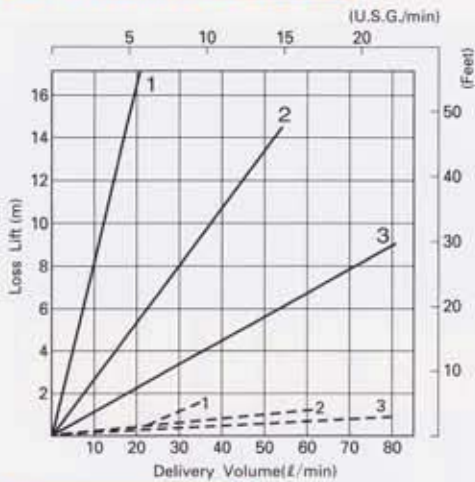


ORIENTAL KOSHIN

KOSHIN LTD.



Performance curve



* Solid lines show 800 centistokes viscosity at 0°C, B-Crude.

* Dotted lines show water curve.

(1) Dia. 1/2 in. pipe

(2) Dia. 3/4 in. pipe

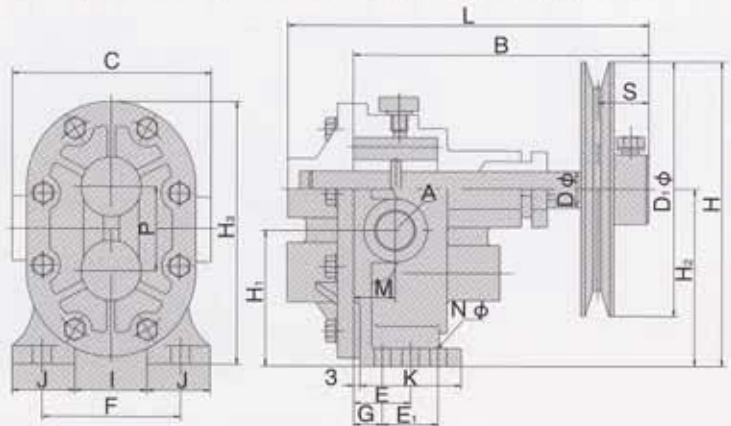
(3) Dia. 1 in. pipe

Since losses of lift mean pressure loss per 1 m. pipe, for 5m. pipe the value will be 5 times.

if liquids with a viscosity of more than 1000 centistokes is being pumped, use a suction pipe of the minimum length and/or operate the pump at less than 400 rpm, and Suction pipe must be 1 or 2 sizes larger than standard size.

Applications

These pumps can be used for a variety of industrial and agricultural jobs including pumping A-crude, B-crude, oil, urine fluids and fertilizer, water drainage, laver collection, moving boiling oil, millet jelly, coaltar, etc.



External Dimensions

Model	A	L	B	C	D	D1	H	H1	H2	H3	F	J	I	K	E	G	E1	N	M	P	S	Pulley
GC-13·GB-13	PS ¹ / ₂	181	148	100	18	127	151	67	88	130	70	32	36	51	33	—	—	9	21	41	25	A1
GC-20·GB-20	PS ³ / ₄	201	165	130	20	152	179	78	103	153	97	36	58	60	—	23	28	9	25	50	25	A1
GC-25·GB-25	PS1	247	204	142	22	203	230	91	129	191	114	38	65	75	—	30	34	10	33	63	24	A1

Specifications

Model	Gear Material	Connection Dia.	Delivery Volume			Delivery Pressure	Siphoning Factor	Power	Pulley	Weight
			200rpm	400rpm	600rpm					
GC-13	Cast iron	13m/m(1 1/2")	10 ℓ/min	21 ℓ/min	32 ℓ/min	1~3kgf/cm ²	4m 10Ft	200W	125×A1	5kg
GB-13	Brass									
GC-20	Cast iron	20m/m(1 3/4")	18 ℓ/min	37 ℓ/min	56 ℓ/min			750W	200×A1	10kg
GB-20	Brass									
GC-25	Cast iron	25m/m(1")	27 ℓ/min	55 ℓ/min	83 ℓ/min					
GB-25	Brass									