适用范围

适用于输送不含固体颗粒和纤维、无腐蚀性、温度不高于 120℃、粘度为5~1500cst 的润滑油或性质类似润滑油的其它液体。

Sco pe of application

Apply to transmit the lubricating oil and other liquids with the features like lubricating oil without the solid particles, fiber, corrosiveness and the temperature thereof should not be higher than 80℃ and the viscosity is 5~1500cst. In addition, it can also apply to the hydraulic drive system.

用途

在输油系统中可用作传输、增压泵。

在燃油系统中可用作输送、加压、喷射的燃油泵。

在一切工业领域中，均可作润滑油泵用。

Application

Can be used as transmission and blower pump in the oil transportation system.

Can be used as the transmission, inflating and jet fuel pump in the fuel system.

Can be used as lubricating oil pump in all industrial fields.

结构特点

本系列齿轮油泵主要由齿轮、轴、泵体、泵盖、安全阀、轴端密封等部件组成，齿轮经热处理有较高的硬度和强度，泵内所有运转部件均利用其输送的介质润滑。

Structural features

●泵内有设计合理的泄油和回油槽，使齿轮在工作中承受的扭矩力最小，因此轴承负荷小，磨损小，泵效率高。

●该泵设有安全阀超载保护作用。但本安全阀不能作减压阀长期工作，需要时可在管路上另行安装。

●The series gear pump is mainly composed of such components as gear, axle, pump body, safety valve and shaft seal, etc. After thermal treatment, the gear has comparatively higher hardness and strength and all the operating components take advantage of the transmitted media to lubricate.

●There are reasonably designed drain pan and oil return channel in the pump. The drain pan and oil return channel make the gear to bear minimum torque at the time of working. As such, it has such characteristics of small bearing load, small damage and high pump efficiency.

●The pump has the safety valve for overloaded security protection. However, the safety valve can not work long time as the pressure reducing valve and can be installed additionally in the pipeline at the time of requirements.

KCB系列齿轮泵性能参数

KCB SERIES GEAR PUMP PERFORMANCE DATA

型号 Model	流量 Flow Capacity		排出压力 Discharge Pressure	吸人真空高度 Suction Vacuum.	效率 Efficiency	口径 转速 Port size Speed		电动机 Motor	
	m^3/h	l/min	MPa	m	%	mm	r/min	功率(kW)	型号 Model
KCB-18.3	1.1	18.3	1.45	3	44	G3/4″	1400	1.5	Y90L-4
2CY-1.1/1.45									
KCB-33.3	2	33.3	1.45	3	44	G3/4″	1400	2.2	Y100L1-4
2CY-2/1.45									
KCB-55	3.3	55	0.33	3	41	G1″	1420	1.5	Y90L-4
2CY-3.3/0.33									
KCB-83.3	5	83.3	0.33	3	43	G1-1/2″	1420	2.2	Y100L1-4
2CY-5/0.33									
KCB-135	8	135	0.33	3	46	G2″	1440	4	Y112M-4
2CY-8/0.33									
KCB-200	12	200	0.33	3	46	Φ50	1440	4	Y112M-4
2CY-12/0.33								5.5	Y132S-4
KCB-300	18	300	0.36	3	42	Φ70	960	5.5	Y132M2-6
2CY-18/0.36									
KCB-483.3	29	483.3	0.36	3	42	Φ70	1440	7.5	Y132M-4
2CY-29/0.36								11	Y160M-4
KCB-633	38	633	0.28	3	43	Φ100	970	11	Y160L-6
2CY-38/0.28									
KCB-960	58	960	0.28	3	43	Φ100	1470	18.5	Y180M-4
2CY-58/0.28								22	Y180L-4
KCB-1200	72	1200	0.6	2	42	Φ150	740	37	Y280S-8
KCB-1600	96	1600					980	45	Y280S-6
KCB-1800	110	1800	0.6	2	43	Φ200	740	55	Y315S-8
KCB-2500	150	2500					980	75	Y315S-6
KCB-2850	171	2850	0.6	2	44	Φ250	740	90	Y315L1-8
KCB-3800	228	3800					980	110	Y315L1-6
KCB-4100	246	4100	0.6	2	44	Φ250	740	132	Y355M1-8
KCB-5400	324	5400					980	160	Y355M1-6