



Technical Catalogue



YCB-G Series
Gear Pump



BRIEF INTRODUCTION

This series of heat insulating gear pump is used to transfer different medium, such as heavy oil, asphalt, resin, detergent and glue, which not includes solid particles and the temperature not higher than 300°C, with solidifying character under the normal temperature. It also applies to the site with heat-insulated requirement in the process technology and outdoors installation at very cold area.

This series of heat insulating gear pump belongs to external gear pump. The tooth from is composite formed by arc and sine curve. It could transfer many kinds of medium with steady output flow pressure. There are heat insulating jacket and inlet and outlet joint on the pump casing, so it could adopt the media, such as heat-conducting oil, steam, hot water and cold water to heat, keep warm and cooling the transferred medium and pump. When the speed should be reduced.

PERFORMANCE DATA

Model	mm	Capacity m ³ /h	Differential Pressure MPa	Speed r/min	Motor Power kW
YCB0.6-0.6G	φ 25	0.6	0.6	910	0.75
YCB1.6-0.6G	φ 32	1.6		910	0.75
YCB3.3-0.6G	φ 40	3.3		940	1.5
YCB4-0.6G	φ 50	4		940	1.5
YCB8-0.6G	φ 65	8		960	3
YCB10-0.6G	φ 65	10		970	4
YCB20-0.6G	φ 80	20		970	7.5
YCB25-0.6G	φ 80	25		970	11
YCB30-0.6G	φ 100	30		970	11
YCB40-0.6G	φ 125	40		970	15
YCB50-0.6G	φ 125	50		970	22



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