



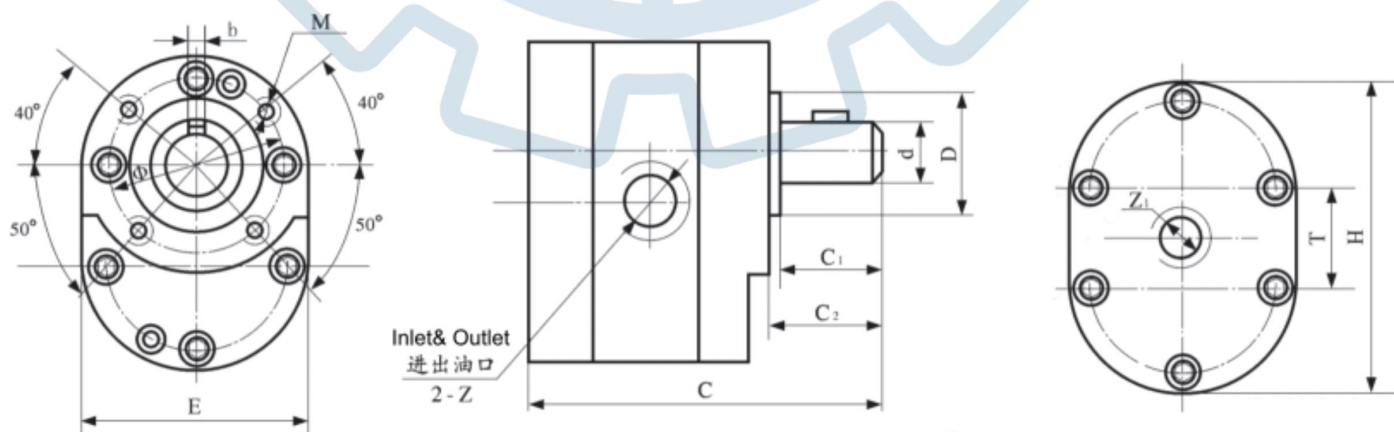
## HY01 Series Gear Pump



### Introduction

This product is previous generation of CB-B-type gear pump, due to its stable performance, good concentricity, gear pumps its unique structure, has been also widely used, such as surface grinder, oil filter, etc.

### Dimension





Model	Flow	Pressure	Speed	Volumetric effi	Totaleffi	Pressurepulse	Drivepower
	L/min	MPa	r/min	$\eta_v\%$	$\eta_t\%$	MPa	kw
HY01-3*5	3	0.5	1450	$\geq 70$	$\geq 63$	0.15	0.21
HY01-5*10	5	1		$\geq 80$	$\geq 72$		0.31
HY01-8*15	8	1.5		$\geq 90$	$\geq 81$		0.51
HY01-12*20	12	2		$\geq 94$	$\geq 85$		0.82
HY01-18*25	18	2.5		$\geq 95$	$\geq 86$		1.02
HY01-25*25	25						1.3
HY01-35*25	35						1.65
HY01-50*25	50						2.6
HY01-70*25	70						4.1
HY01-100*25	100						5.1

## Technical Specification

Model	C1	C1	C3	E	H	D(f8)	$\Phi$	d(h7)	T	b	M	2-Z(in/output)	
HY01-3× 5	87	25	28	56	80	$\Phi 30$	$\Phi 40$	$\Phi 12$	25	4	M8	Z1/4"	Z1/8"
HY01-5× 10	93											Z3/8"	
HY01-8× 15	101	25	28	65	95	$\Phi 35$	$\Phi 50$	$\Phi 14$	30	4		Z1/2"	
HY01-12× 20	109											Z3/4"	
HY01-18× 25	117	30	34	80	122	$\Phi 50$	$\Phi 65$	$\Phi 16$	42	5	M10	Z1"	Z1/4"
HY01-25× 25	124												
HY01-35× 25	140	35	39	108	160	$\Phi 55$	$\Phi 80$	$\Phi 22$	52	6		Z1"	
HY01-50× 25	148												
HY01-70× 25	166	40	48	120	185	$\Phi 70$	$\Phi 95$	$\Phi 30$	65	8		Z1/4"	Z1/4"