

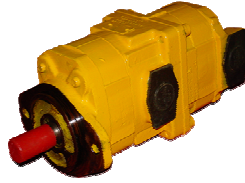
GEAR PUMPS

Types:

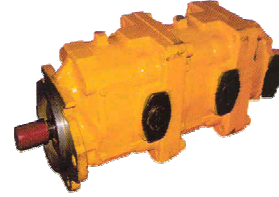
(a) Single Pump



(b) Dual Tandem Pump



(c) Triple Tandem Pump



1. High Pressure Gear Pumps (210 kg/cm²)

(a) Single Pump

Specifications

Type	Designation	Displacement (cc/rev)	Max. Speed (rpm)	Mounting Flange	Shaft Spline
Single Pumps	PH 25	25.7	3500	SAE'A'-2 HOLE	SAE 10T, 16/32DP
	PH 40	40.2	3000	SAE'B'-2 HOLE	SAE 13T, 16/32DP
	PH 44	44.3	3000	4 NOS 11 Dia at 104x143 Pitch	Dia.28x18x1.5m
	PH 45	43.7	3000	SAE'B'-2 HOLE	SAE 13T, 16/32DP
	PH 56	56	2500	SAE'C'-2/4 HOLE	SAE 14T, 12/24DP
	PH 63	63.1	2500	SAE'C'-2/4 HOLE	SAE 14T, 12/24DP
	PH 71	71.1	2500	SAE'C'-2/4 HOLE	SAE 14T, 12/24DP
	PH 100	99	2500	SAE'C'-2/4 HOLE	SAE 14T, 12/24DP
	PH 100	99	2500	SAE'C'-2/4 HOLE	KEY 7.9x43
	PH 160	162.2	2200	SAE'C'-2/4 HOLE	SAE 14T, 12/24DP
	PH 200	201.1	1800	4 NOS 16 Dia at 180x200 Pitch	JIS 40x22x1.667
	PH 216	216.3	2200	SAE'C'-2/4 HOLE	SAE 14T, 12/24DP
	PH 250	250.1	1800	4 NOS 16 Dia at 180x200 Pitch	JIS 40x22x1.667

(b) Dual Tandem Pump

Specifications

Type	Designation	Displacement (cc/rev)	Max. Speed (rpm)	Mounting Flange	Shaft Spline
Double Pumps	PH 20+20	20.5+20.5	3500	SAE'A'-2 HOLE	SAE 12T, 16/32DP
	PH 32+25	32+25	3000	SAE'B'-2 HOLE	SAE 13T, 16/32DP
	PH 32+32	32+32	3000	SAE'B'-2 HOLE	SAE 13T, 16/32DP
	PH 80+10	80+10	2500	SAE'C'-2/4 HOLE	SAE 14T, 12/24DP
	PH 63+40	63+40	2500	SAE'C'-2/4 HOLE	SAE 14T, 12/24DP
	PH 100+100	99+99	2500	SAE'C'-2/4 HOLE	SAE 14T, 12/24DP
	PH 142+142	142+142	2200	SAE'C'-2/4 HOLE	SAE 17T, 12/24DP
	PH 162+121	162.2+121.6	2200	SAE'C'-2/4 HOLE	SAE 14T, 12/24DP
	PH 162+226	162.2+226.5	2000	SAE'C'-2/4 HOLE	JIS 35x19x1.667
	PH 200+100	200.8+100.5	2000	SAE'C'-2/4 HOLE	SAE 17T, 12/24DP
Triple Pumps	PH 63+32+32	63.1+32+32	2500	SAE'C'-2/4 HOLE	SAE 14T, 12/24DP
	PH 80+63+50	80+63.1+49.8	2500	SAE'C'-2/4 HOLE	SAE 14T, 12/24DP

(c) Triple Tandem Pump

Specifications

Type	Designation	Displacement (cc/rev)	Max. Speed (rpm)	Mounting Flange	Shaft Spline
Triple Pumps	PH 63+32+32	63.1+32+32	2500	SAE'C'-2/4 HOLE	SAE 14T, 12/24DP
	PH 80+63+50	80+63.1+49.8	2500	SAE'C'-2/4 HOLE	SAE 14T, 12/24DP

2. Medium Pressure Gear Pump (140 kg/cm²)

Specifications

Designation	Displacement (cc/rev)	Max. Speed (rpm)	Shaft Spline
PH 82	82	2500	30x16x1.667
PH 115	115.1	2000	35x19x1.667
PH 162	162	2000	35x19x1.667
PH 200	200.4	1800	40x22x1.667
PH 250	250.5	1800	40x22x1.667

3. Low Pressure Gear Pump (30 kg/cm²)

Specifications

Designation	Displacement (cc/rev)	Max. Speed (rpm)	Shaft Spline
PL 31	31.4	2300	25x13x1.667
PL 38	38.1	2300	25x13x1.667
PL 40	39.9	2300	25x13x1.667
PL 45	45.7	2300	25x13x1.667
PL 70	70.4	2000	30x16x1.667
PL 75	75.2	2000	35x19x1.667
PL 113	113	2000	35x19x1.667