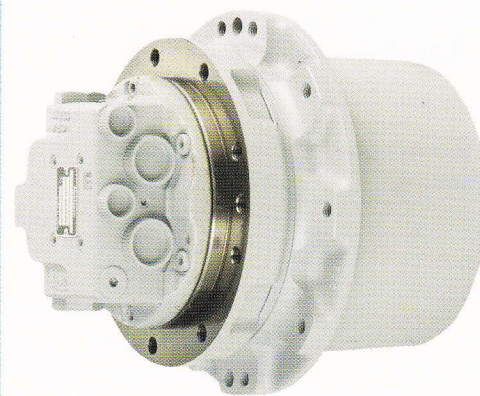
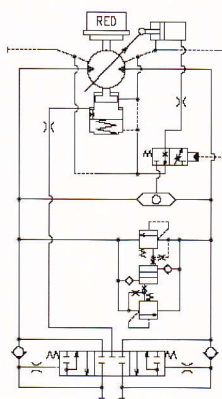


GM Series

Main Application / Track motor for Excavators

Features

- All in one design
 - Reduction gear
 - Hydraulic motor
 - Parking brake
 - Counter balance valve
- Compact design
- 2-speed motor



GM04VA

Specifications		GM04VA	GM06VA	GM10VA	GM21VA	GM24VL	GM38VB
Max. Output Torque	N-m	4,020	5,590	9,610	20,600	24,200	37,300
	(kgf-m)	(410)	(570)	(980)	(2,100)	(2,470)	(3,800)
Max. Output Speed	min ⁻¹	60	60	60	60	55	55
Gear Ratio	1/R	53.7	68.6	50.111	54	max. 74.3	55.617
Max. Working Pressure	MPa	24.5	24.5	31.4	34.8	34.3	35
	(kgf/cm ²)	(250)	(250)	(320)	(355)	(350)	(357)
Max. Motor Displacement	cm ³ /rev	21.4	27.5	55.8	82.8	104.8	138.5
Max. Motor Speed (Small Displ.)	min ⁻¹	3,600	3,600	3,100	2,800	2,600	2,300
Motor Parking Brake Torque	N-m	32	65	120	206	255	470
	(kgf-m)	(3.3)	(6.6)	(12.3)	(21)	(26)	(48)
Unit Weight	kg	43	53	83	145	217	277
Applicable Vehicle Weight	ton	2.5~4.5	3~5.5	6~8	10~14	14~18	18~25

Dimensions		GM04VA	GM06VA	GM10VA	GM21VA	GM24VL	GM38VB
	A	215	246	280	308	370	370
	B	192	220	250	280	340	340
	C	165	180	210	246	300	300
	D	255	288	326	394	432	470
	E	232	262	300	364	402	440
	F	204	230	265	324	362	402
	G	43.5	46	70.5	80	102.5	136.5
	H	70	75.5	80	99.5	99.5	98.5
	I	23	23	22	—	26	-23
	J	267.5	272.2	332.5	396	461.5	531
	K	2-PF1/2	2-PF1/2	2-PF1/2	2-PF3/4	2-PF3/4	2-PF 1
	L	2-PF1/4	2-PF1/4	2-PF3/8	2-PF1/2	2-PF1/2	2-PF1/2
	M	PF1/4	PF1/4	PF1/4	PF1/4	PF1/4	PF1/4
	N	24	24	32.5	—	38	—
	O	52	52	50	106	62	90
	P	10-M12	12-M14	12-M16	20-M16	30-M16	30-M16
	U	10-M12(φ14)	12-M14(φ16)	12-M14(φ16)	18-M16(φ18)	21-M16(φ18)	26-M16(φ18)

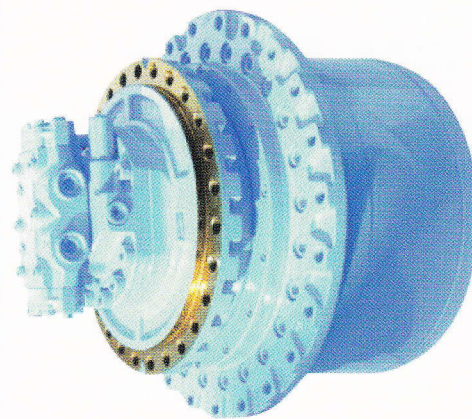
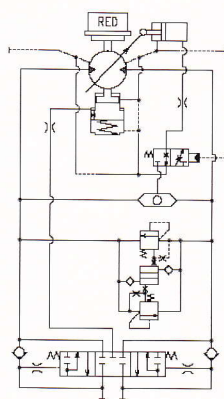
*1 () are option specifications

GM Series

Main Application / Track motor for Excavators

Features

- All in one design
 - Reduction gear
 - Hydraulic motor
 - Parking brake
 - Counter balance valve
- Compact design
- 2-speed motor



GM60VA

Specifications

		GM45VA (RG5)	GM50VA (RG5.5D)	GM60VA (RG6.5F)	GM70VA (RG7.5D)	GM85VA (RG10T)
Max. Output Torque	N-m	42,700	50,300	56,600	66,200	84,800
	(kgf-m)	(4,350)	(5,130)	(5,770)	(6,750)	(8,640)
Max. Output Speed	min ⁻¹	45	45	45	40	40
Gear Ratio	1/R	33.814	39.875	40.467	50.324	60.652
Max. Working Pressure	MPa	34.3	34.3	34.3	34.3	34.3
	(kgf/cm ²)	(350)	(350)	(350)	(350)	(350)
Max. Motor Displacement	cm ³ /rev	262.6	262.6	290.7	273.5	290.7
Max. Motor Speed (Small Displ.)	min ⁻¹	2,100	2,100	2,100	2,100	2,100
Motor Parking Brake Torque	N-m	902	902	902	902	902
	(kgf-m)	(92)	(92)	(92)	(92)	(92)
Unit Weight	kg	320	360	399	430	600
Applicable Vehicle Weight	ton	27	30	35	40	48

Dimensions

		GM45VA (RG5)	GM50VA (RG5.5D)	GM60VA (RG6.5F)	GM70VA (RG7.5D)	GM85VA (RG10T)
	A	430	480	480	462	493
	B	390	440	440	425	455
	C	340	380	380	380	410
	D	540	525	525	568	665
	E	500	492	492	535	620
	F	454	450	450	490	570
	G	128	124	131	154	139
	H	106	102.5	102.5	112	148
	J	79	75	71	75	79
	L	549.5	556	571	617	629
	M	2-PF 1	2-PF 1	2-PF 1	2-PF 1	2-PF 1
	N	PF1/2	PF1/2	PF1/2	PF1/2	PF1/2
	T	18-M24	18-M24	18-M24	20-M24	27-M24
	U	22-M20	26-M20	26-M20	28-M20	24-M24