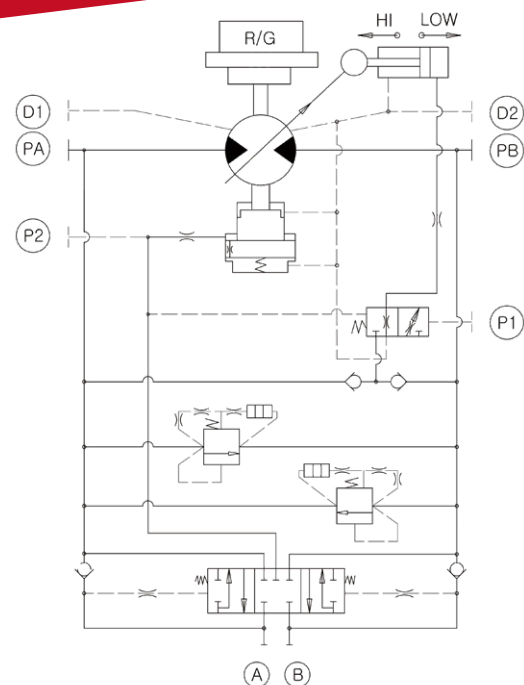
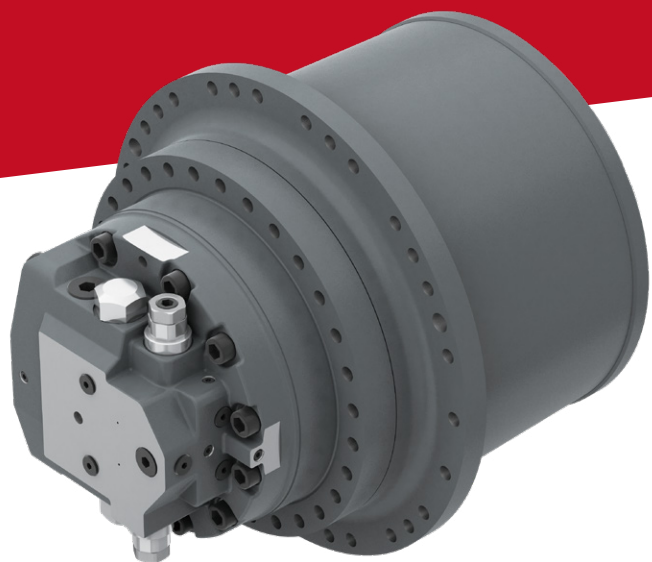


Specifications

- Compact & Robust design
- High performance & reliability
- Variable displacement (2 speed)
- Minimize shock with a built-in counter balance valve and shock-less relief valve



Hydraulic Circuit



Travel Device

FTD	45	V	45	180/102	35	01
①	②	③	④	⑤	⑥	⑦

- ① Model

② Output Torque

③ Speed Shifting

④ Reducation Ratio
- ⑤ Displacement

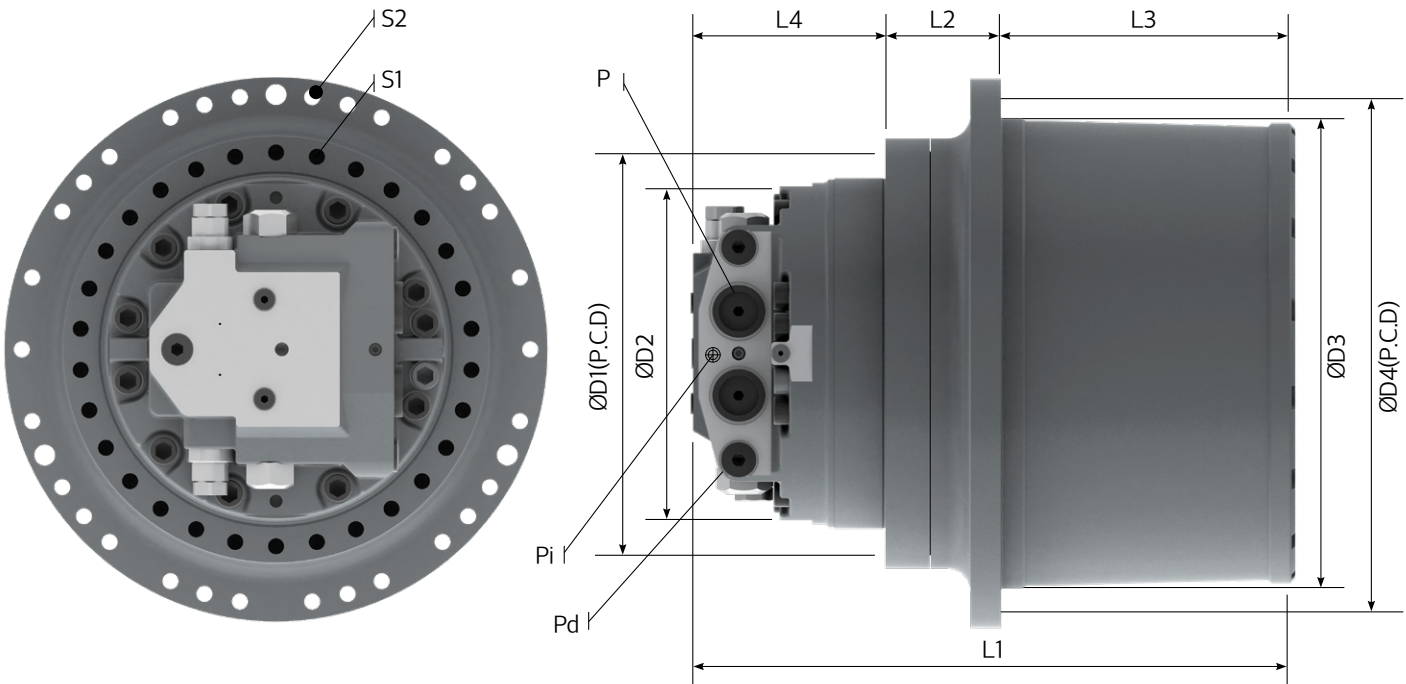
⑥ System Pressure

⑦ Revision

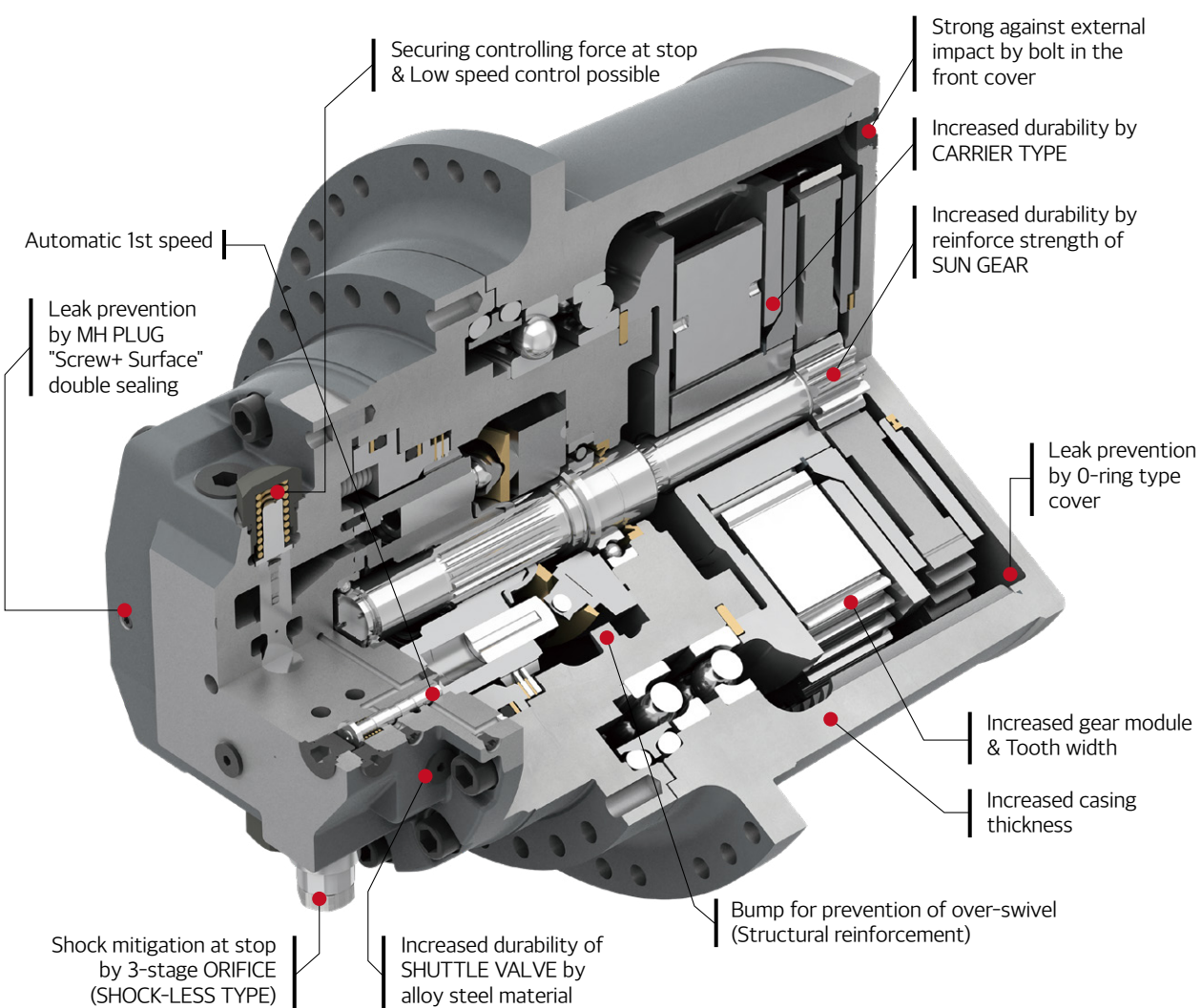
Model Information

Model	Application (ton)	Device			Hydraulic Motor			
		Theoretical Output Torque		Max. Out speed	Max. Pressure		Brake Torque (at Motor Shaft)	
		N·m	(Kgf·m)	rpm	MPa	(kgf/cm ²)	N·m	(Kgf·m)
FDNB08	5~6	8,340	850	60	34.3	350	137	14
FDNB12	7~8	12,560	1,280	60	34.3	350	137	14
FTD26	13~16	25,830	2,630	60	34.3	350	265	27
FTD45	18~22	44,520	4,540	58.5 54.2	34.3	350	621	63.3
FTD48	22~26	47,580	4,850	54.2	34.3	350	621	63.3
FTD70	28~34	70,000	7,140	50	35.8	365	1,128	115
FTD80	36~42	79,570	8,110	43.5	35.8	365	1,128	115
FTD100	46~52	100,100	10,210	36	35.8	365	1,128	115

Dimensions



Structure and Application



unit : mm													
Model	D1	D2	D3	D4	L1	L2	L3	L4	P	Pi	Pd	S1	S2
FDNB08	244	210	250	282	336.5	68	147	121.5	PF 1/2	PF 1/4	PF 3/8	12-M14	12-M14
FDNB12	250	210	265	300	355.5	80	154	121.5	PF 1/2	PF 1/4	PF 3/8	12-M14	12-M14
FTD26	280	246	324	364	412.3	99.5	192	120.8	PF 3/4	PF 1/4	PF 1/2	20-M16	15-M16
FTD45	340	300	402	440	515.5	98.5	252	165	PF1/SAE 1"	PF 1/4	PF 1/2	30-M16	30-M16
FTD48	340	300	402	440	515.5	98.5	252	165	PF1/SAE 1"	PF 1/4	PF 1/2	30-M16	30-M16
FTD70	425	380	450	490	575	112	290	173	SAE 1"	PF 1/4	PF 1/2	26-M20	24-M20
FTD80	425	380	450	490	575	112	290	173	SAE 1"	PF 1/4	PF 1/2	26-M20	24-M20
FTD100	460	420	510	550	634	130	331	173	SAE 1 1/4"	PF 1/4	PF 1/2	24-M24	32-M20

ton	FLUTEK	NABTESCO	DOOSAN	KAYABA	Application
5~6		GM06VA	DM06VD	MAG33V-550E	CATERPILLAR, DOOSAN, SANY, SDLG
	FDNB08	-	TM07VC	-	Kobelco, DOOSAN, VOLVO, HYUNDAI, SANY, SDLG, XCMG, FOTON
7~8	FDNB12	GM09VL/10VA	TM09/10VD	MAG44VP-800	Kobelco, Sumitomo, JCB, DOOSAN, VOLVO, HYUNDAI, SANY, SDLG, XCMG, Liugong, FOTON, Lonking
13~16	FTD26	GM18VL/21VA	TM22VC	MAG44VP-800	Kobelco, Sumitomo, JCB, DOOSAN, VOLVO, HYUNDAI, SANY, SDLG, XCMG, Liugong, FOTON, Lonking, Sunward
18~22	FTD45	GM35VA/VL	TM40VC/VD	MAG85VP-1800	Kobelco, Sumitomo, JCB, DOOSAN, VOLVO, HYUNDAI, SANY, SDLG, XCMG, Liugong, FOTON, Lonking, Sunward
22~26	FTD48	GM38VL/VB	TM40VC/VD	MAG170VP-3800	Kobelco, Sumitomo, JCB, DOOSAN, VOLVO, HYUNDAI, SANY, SDLG, XCMG, Liugong, FOTON, Lonking, Sunward
28~34	FTD70	GM60VA	TM60VC/VD	MAG230VP-6000	Kobelco, Sumitomo, JCB, DOOSAN, VOLVO, HYUNDAI, SANY, SDLG, XCMG, Liugong, FOTON, Lonking, Sunward
36~42	FTD80	GM70VA	TM70VC/VD	-	Kobelco, Sumitomo, JCB, DOOSAN, VOLVO, HYUNDAI, SANY, SDLG, XCMG, Liugong, FOTON, Lonking, Sunward
46~52	FTD100	GM85VA	TM100VD	-	Kobelco, Sumitomo, JCB, DOOSAN, VOLVO, HYUNDAI, SANY, SDLG, XCMG, Liugong, FOTON, Lonking, Sunward