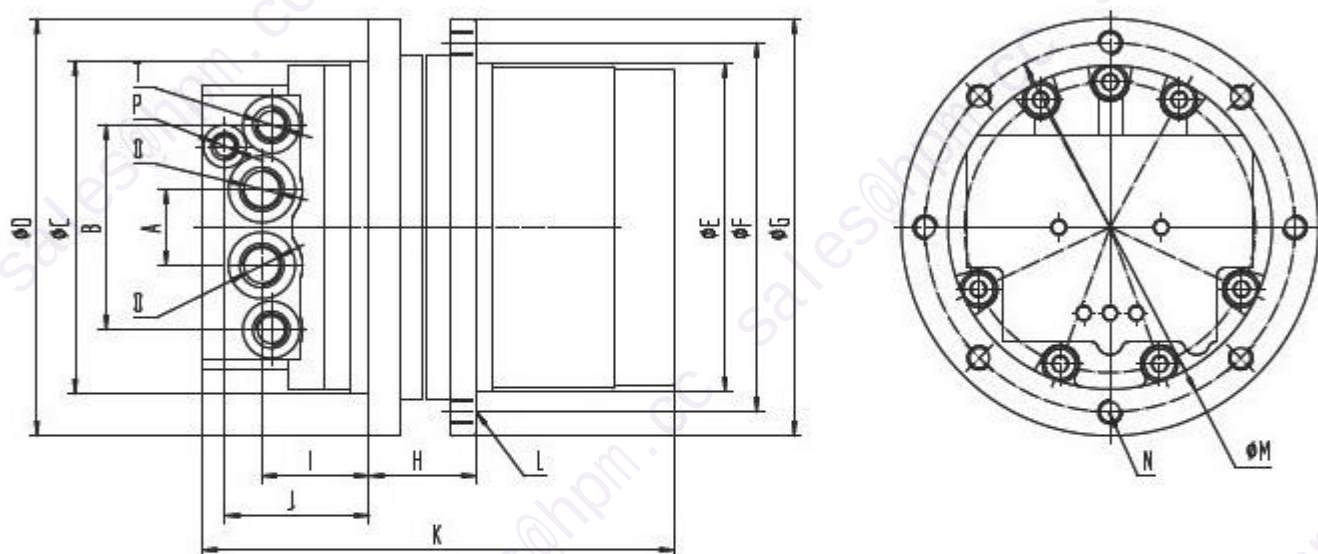


WTM Traction and travel motor



WTM02 Series for 1.5 ton

Dimension



Model	A	B	C	D	E	F	G	H★	I	J	K
WTM02	33	86	140	175	140	155	175	45	43	58	200

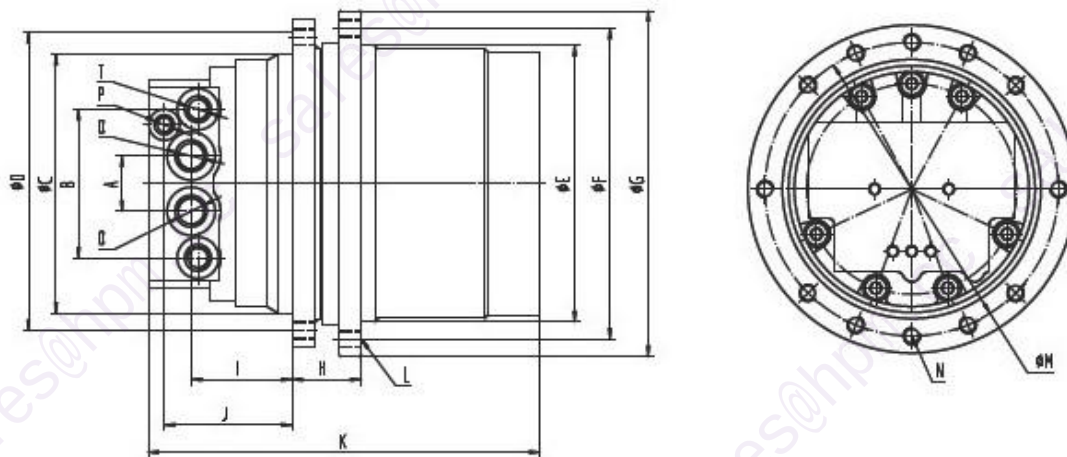
L★	M	N★	O	P	T
9-M10	155	8-M10	G3/8"	G1/8"	G1/4"

Technical Data

Model	(L/min) Input Flow	(ml/r) Motor Displacement	(Mpa) Working Pressure	(Mpa) Brake Releasing Pressure	Gear Ratio	(N.m) Theoretical Output Torque	(r/min) Theoretical Output Speed
WTM02	20	7.8/12	21	2~7	1/37	1500	75/45

WTM03 Series for 1.5 to 3.5 ton

Dimension



Model	A	B	C	D	E	F	G	H ★	I	J	K
WTM03	33	86	150	190	160	180	200	40	58	74	227
WTM03A	44	108	165	215	190	215	238	50	48	41.5	263

L ★	M	N ★	O	P	T
12-M10	170	12-M10	G3/8"	G1/8"	G1/4"
11-M12	192	11-M12	G1/2"	G1/4"	G1/4"

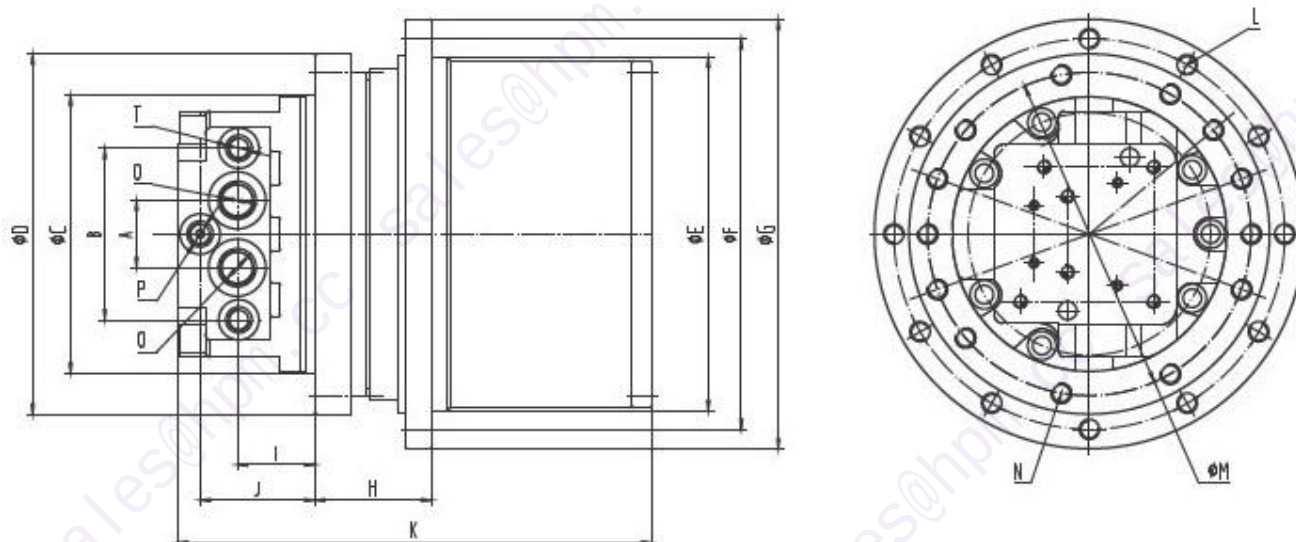
Technical Data

Model	(L/min) Input Flow	(ml/r) Motor Displacement	(Mpa) Working Pressure	(Mpa) Brake Releasing Pressure	Gear Ratio	(N.m) Theoretical Output Torque	(r/min) Theoretical Output Speed
WTM03	25	9.1/16.1	21	2~7	1/39	2100	70/39
WTM03A	40	12/18	21	2~7	1/48.636	2900	68/45

Rotation	(℃) Oil Temperature Range	(mm²/s) Optimum Working Viscosity	(T) Application
(bidirectional)	-20℃ ~ +80℃	16 ~ 25	1.5~2.5
(bidirectional)	-20℃ ~ +80℃	16 ~ 25	2.5~3.5

WTM04 Series for 3.5 to 4.5

Dimension



Model	A	B	C	D	E	F	G	H ★	I	J	K
WTM04	40	102	165	214	210	232	255	70	46	68	280
WTM04A	40	102	165	214	210	232	255	70	46	68	280
WTM04F	40	102	165	214	204	232	255	70	46	68	280

L ★	M	N ★	O	P	T
12-M12	192	13(9)-M12	G1/2"	G1/4"	G1/4"
9-M12	192	9-M12	G1/2"	G1/4"	G1/4"
9-M12	192	13(9)-M12	G1/2"	G1/4"	G1/4"

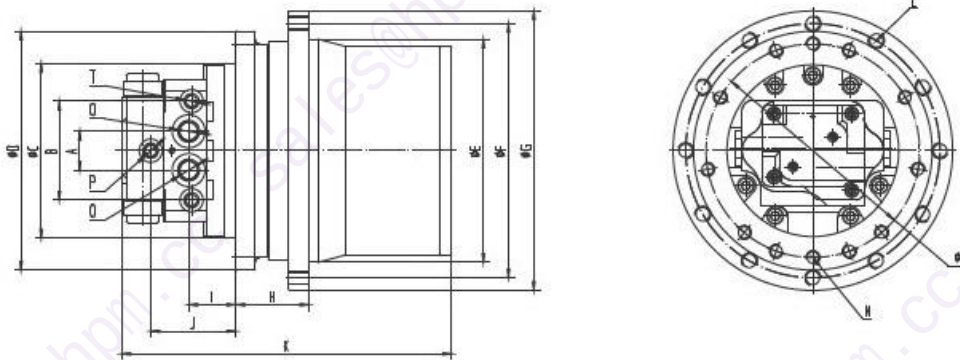
Technical Data

Model	(L/min) Input Flow	(ml/r) Motor Displacement	(Mpa) Working Pressure	(Mpa) Brake Releasing Pressure	Gear Ratio	(N.m) Theoretical Output Torque	(r/min) Theoretical Output Speed
WTM04	40	14/24	21	2~7	1/52.73	4200	54/31

Rotation	(°C) Oil Temperature Range	(mm²/s) Optimum Working Viscosity	(T) Application
(bidirectional)	-20°C ~ +80°C	16~25	3.5~4.5

WTM05/06 Series for 4-6.5 ton

Dimension



Model	A	B	C	D	E	F	G	H ★	I	J	K
WTM05	40	102	180	246	230	262	288	75	48	88	340
WTM06	40	102	180	246	230	262	288	75	48	88	340
WTM06C	40	102	200	266	230	262	288	68	48	88	345
WTM06H	40	102	180	246	230	262	288	75	48	88	340
WTM06K	44	108	200	266	230	262	288	68	41	51.5	320
WTM06N	52	100	180	246	230	262	288	75	41	69	302

L ★	M	N ★	O	P	T
12-M14	220	9-M14	G1/2"	G1/4"	G1/4"
12-M14	220	9-M14	G1/2"	G1/4"	G1/4"
9-M14	240	9-M14	G1/2"	G1/4"	G1/4"
9-M14	220	9-M14	G1/2"	G1/4"	G1/4"
9-M14	240	9-M14	G1/2"	G1/4"	G1/4"
12-M14	220	9-M14	G1/2"	G1/4"	G1/4"

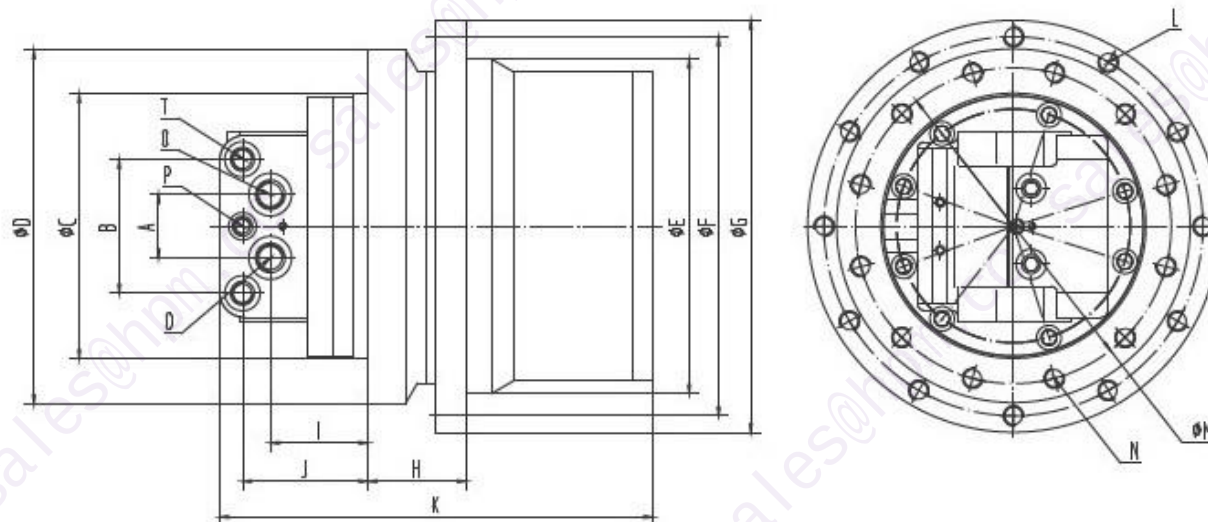
Technical Data

Model	Input Flow (L/min)	Motor Displacement (ml/r)	Working Pressure (Mpa)	Brake Releasing Pressure (Mpa)	Gear Ratio	Theoretical Output Torque (N.m)	Theoretical Output Speed (r/min)
WTM05	50	19/34	24.5	2~7	1/36.8	4800	71/39
WTM06 /6H/6N	50	19/34	24.5	2~7	1/47.53	6300	55/30
WTM06C WTM06K	50	19/34	27.5	2~7	1/55	8100	47/26

Rotation	(°C) Oil Temperature Range	(mm²/s) Optimum Working Viscosity	(T) Application
双向 (bidirectional)	-20℃ ~ +80℃	16~25	4~5
双向 (bidirectional)	-20℃ ~ +80℃	16~25	5~6
双向 (bidirectional)	-20℃ ~ +80℃	16~25	5.5~6.5

WTM07 Series for 6 to 8 ton

Dimension



Model	A	B	C	D	E	F	G	H★	I	J	K
WTM07	50	106	210	268	250	282	306	68	78	100	340
WTM07N	50	106	210	268	250	282	306	68	84	106	356

L★	M	N★	O	P	T
12-M14	244	12-M14	G1/2"	G1/4"	G3/8"
12-M14	244	12-M14	G1/2"	G1/4"	G3/8"

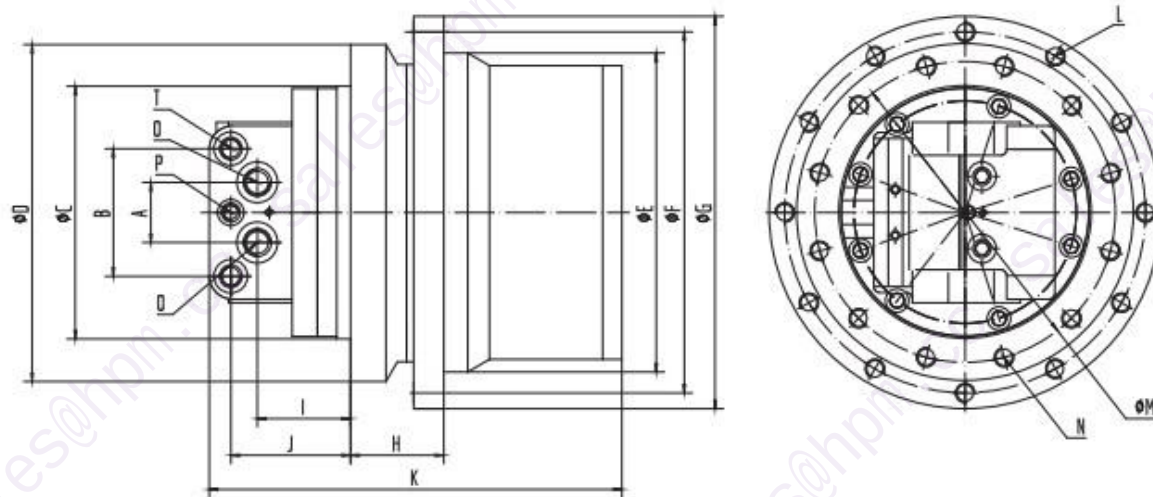
Technical Data

Model	(L/min) Input Flow	(ml/r) Motor Displacement	(Mpa) Working Pressure	(Mpa) Brake Releasing Pressure	Gear Ratio	(N.m) Theoretical Output Torque	(r/min) Theoretical Output Speed
WTM07	60	22/44	27.5	2~7	1/53.7	10500	50/25
WTM07N	80	34/53	30	2~7	1/20.78	5260	113/73

Rotation	(℃) Oil Temperature Range	(mm ² /s) Optimum Working Viscosity	(T) Application
(bidirectional)	-20℃ ~ +80℃	16~25	6~8
(bidirectional)	-20℃ ~ +80℃	16~25	6~8

WTM09 Series for 7 to 9 ton

Dimension



Model	A	B	C	D	E	F	G	H ★	I	J
WTM09 /09B	50	106	210	280	265	300	326	80	78	100
WTM09C	50	106	210	280	265	300	326	80	78	100

K	L ★	M	N ★	O	P	T
348	12-M14	250	12-M16	G1/2"	G1/4"	G3/8"
348	14-M14	250	14-M16	G1/2"	G1/4"	G3/8"

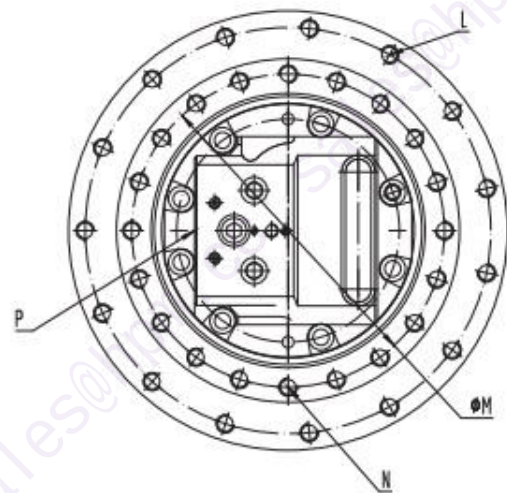
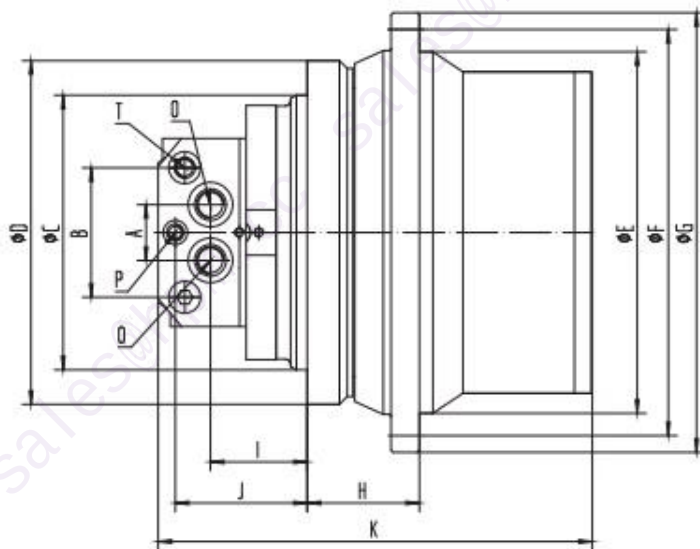
Technical Data

Model	(L/min) Input Flow	(ml/r) Motor Displacement	(Mpa) Working Pressure	(Mpa) Brake Releasing Pressure	Gear Ratio	(N.m) Theoretical Output Torque
WTM09 /09B/09C	80	34/53	30	2~7	1/45.569	11500

(r/min) Theoretical Output Speed	Rotation	(°C) Oil Temperature Range	(mm²/s) Optimum Working Viscosity	(T) Application
51/33	(bidirectional)	- 20°C ~ +80°C	16 ~ 25	7 ~ 9

WTM18 Series for 10-13 ton

Dimension



Model	A	B	C	D	E	F	G	H ★	I
WTM18	50	116	246	308	324	364	394	100	87

J	K	L ★	M	N ★	O	P	T
118	390	15-M16	280	20-M16	G3/4"	G1/4"	G1/2"

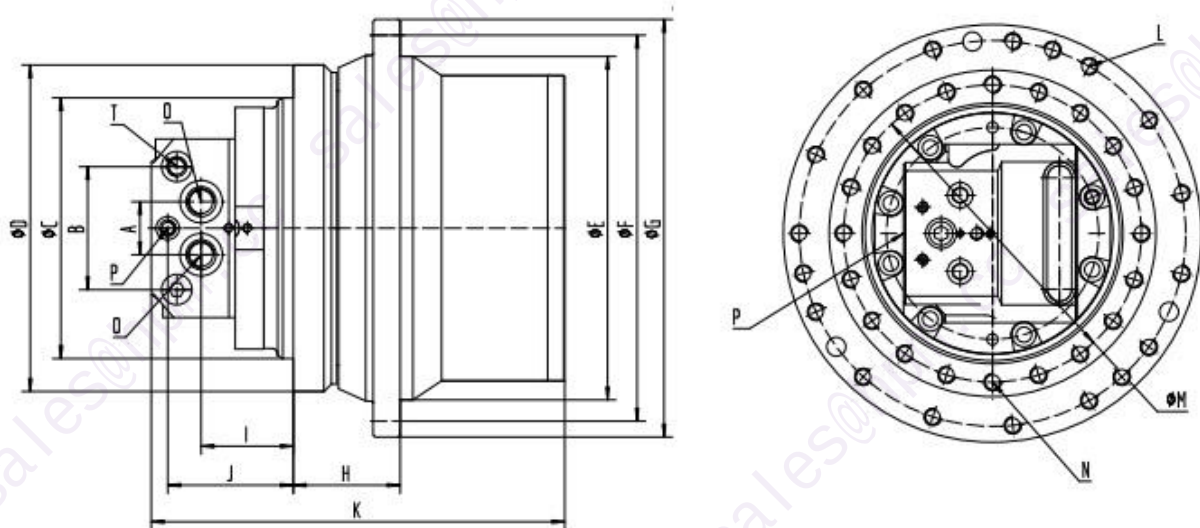
Technical Data

Model	(L/min) Input Flow	(ml/r) Motor Displacement	(Mpa) Working Pressure	(Mpa) Brake Releasing Pressure	Gear Ratio	(N.m) Theoretical Output Torque
WTM18	130	43/67	30	2~7	1/53	16900

(r/min) Theoretical Output Speed	Rotation	(°C) Oil Temperature Range	(mm²/s) Optimum Working Viscosity	(T) Application
57/37	(bidirectional)	-20°C ~ +80°C	16 ~ 25	10 ~ 13

WTM22 Series for 12-16 ton

Dimension



Model	A	B	C	D	E	F	G	H ★	I
WTM22	50	116	246	308	324	364	394	100	87
WTM22C	50	116	290	350	324	364	394	84	85

J	K	L ★	M	N ★	O	P	T
118	414	18-M16	280	20-M16	G3/4"	G1/4"	G1/2"
116	398	18-M16	320	16-M16	G3/4"	G1/4"	G1/2"

Technical Data

Model	(L/min) Input Flow	Motor Displacement (ml/r)	Working Pressure (Mpa)	(Mpa) Brake Releasing Pressure	Gear Ratio	(N.m) Theoretical Output Torque
WTM22	150	54/82	34.3	2 ~ 7	1/53.7	24000
WTM22C	150	47/80	30	2 ~ 7	1/53.7	20500

(r/min) Theoretical Output Speed	Rotation	Oil Temperature Range	(mm²/s) Optimum Working Viscosity	Application
51/34	(bidirectional)	- 20℃ ~ +80℃	16 ~ 25	13~16
59/35	(bidirectional)	- 20℃ ~ +80℃	16 ~ 25	12~16