

HTM Heavy duty hydraulic orbit motor



HTM-Replace with Danfoss TMT,M+S MTM

Parameters

Type		HTM250	HTM315	HTM400	HTM470	HTM500	HTM630
Displacement(CC)		251.8	326.3	410.9	475	523.5	629.1
Max. speed (rpm)	cont.	500	380	305	270	240	200
	int.	600	460	360	320	250	240
Max. torque (N•m)	cont.	940	1230	1520	1760	1770	1830
	int.	1290	1660	2120	2150	2240	2290
	peak	1145	1867	2360	2410	2710	2745
Max. output (KW)	cont.	41	41	41	41	37	28
	int.	70	70	70	55	51	42
Max.pressure drop (Mpa)	cont.	25	25	25	25	25	20
	int.	35	35	35	35	32.5	25
	peak	40	40	40	40	37.5	30
Max.Oil Flow (Lpm)	cont.	125	125	125	125	125	125
	int.	150	150	150	150	150	150
Max.inlet pressure (Mpa)	cont.	27	27	27	27	27	27
	int.	37	37	37	37	37	37
	peak	42	42	42	42	42	42
Weight(kg)		28.3	29	29.8	30.7	31.5	32.3

Selection

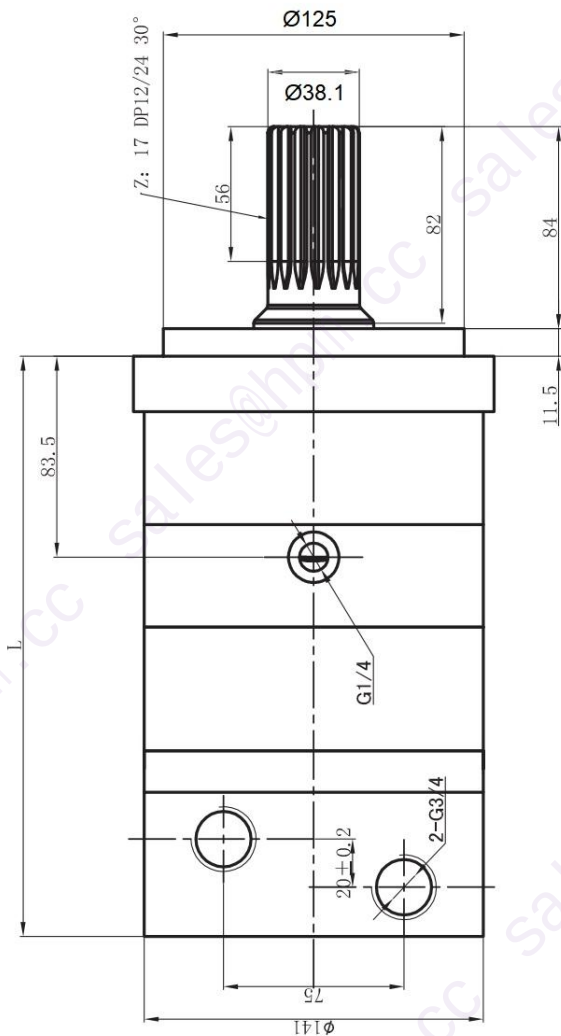
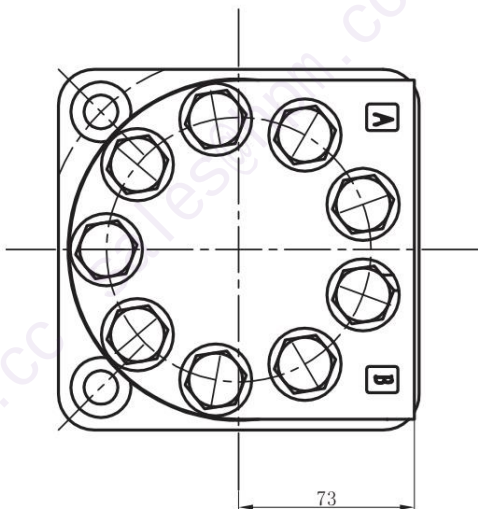
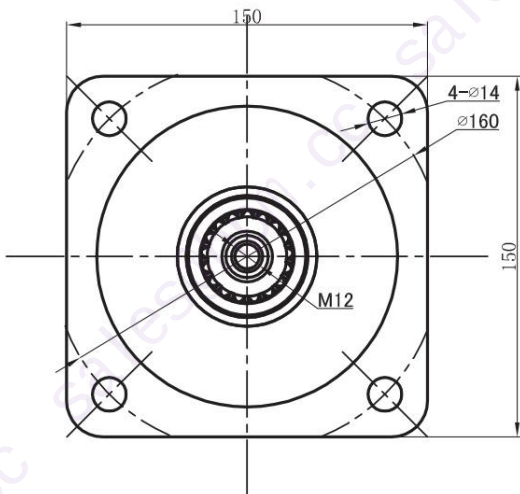
1	2	3	4
Series	CC	Flange	Output shaft (mm)
HTM	250	Code F4: 4-Ø14 Square-flange , pilot Ø125×11.5 short cover,Bolt circle Ø160 Code F41: 4-Ø14 Square-flange , pilot Ø125×9 long cover,Bolt circle Ø160 Code F5: 4-Ø14.5 Square-flange ,pilot Ø127×11.5 ,Bolt circle Ø162 Code F6: 4-Ø18 Square-flange , pilot Ø160×9, Bolt circle Ø200	Code M: Ø40; 82 length ,Parallel key 12×8×70 Code G: Ø38.1 ;82 length ,Parallel key 9.52×9.52×57.15 Code FD: Ø38.1;Splined tooth 17-DP12/24 Code T: Ø 45; Tapered 1:10 ,Parallel key 12×8×28
	315		
	400		
	470		
	500		
	630		
5	6	7	8
Port and drain port	Rotation direction	Paint	Unusually function
Code S: 1-1/16-12U Code G: G3/4,G1/4	Omit: Standard Code R: Opposite	Omit: Blue Code 00: No paint Code B: Black Code S: Silver Grey	Omit: Standard

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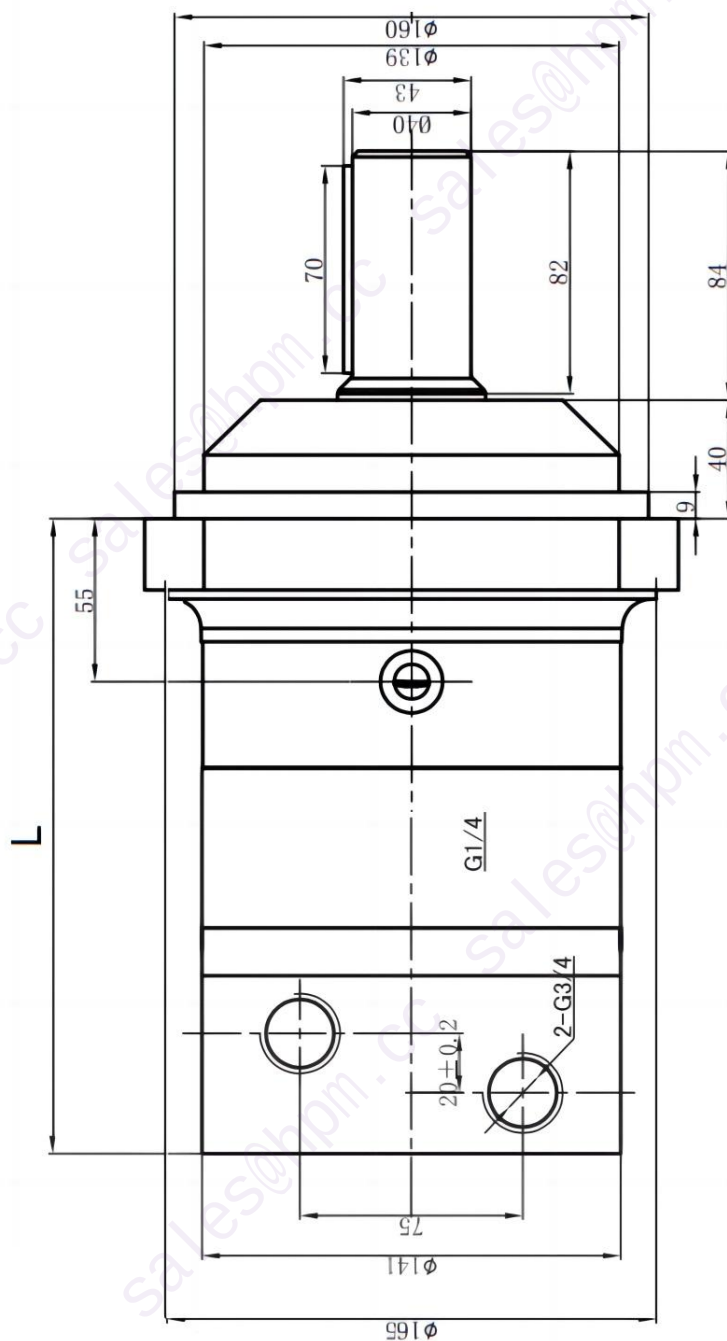
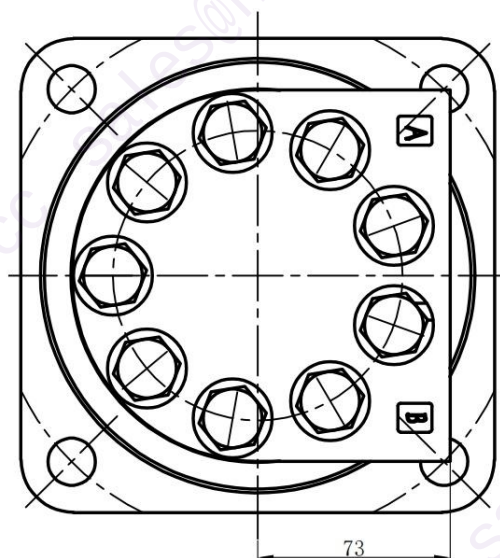
Popular model drawing

HTM-X-F4-FD-G



Displacement (ml/r)		250	315	400	470	500	630
Max.flow (LPM)	Cont.	125	125	125	125	125	125
	Int..	150	150	150	150	150	150
Max.speed (RPM)	Cont.	500	380	305	270	250	200
	Int..	600	460	360	320	300	240
Max.pressure (MPa)	Cont.	25	25	25	25	25	20
	Int..	35	35	35	35	32.5	25
Max.torque (N*m)	Cont.	940	1230	1520	1760	1770	1830
	Int..	1290	1660	2120	2150	2240	2290

HTM-X-F6-M-G



Displacement (ml/r)		250	315	400	470	500	630
Max.flow (LPM)	Cont.	125	125	125	125	125	125
	Int..	150	150	150	150	150	150
Max.speed (RPM)	Cont.	500	380	305	270	250	200
	Int..	600	460	360	320	300	240
Max.pressure (MPa)	Cont.	25	25	25	25	25	20
	Int..	35	35	35	35	32.5	25
Max.torque (N*m)	Cont.	940	1230	1520	1760	1770	1830
	Int..	1290	1660	2120	2150	2240	2290