

STFC 080 Radial Piston Hydraulic Motor

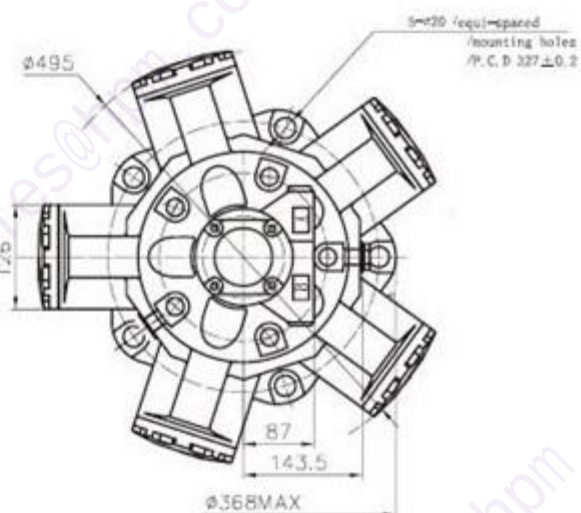
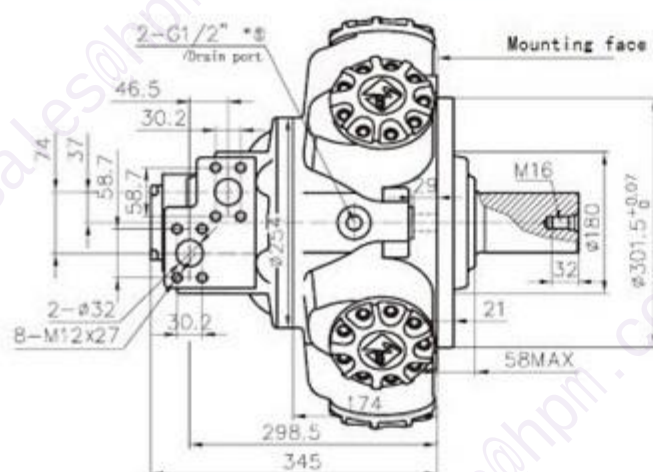
HPM
GROUP

Other popular name : HMB IMB 080

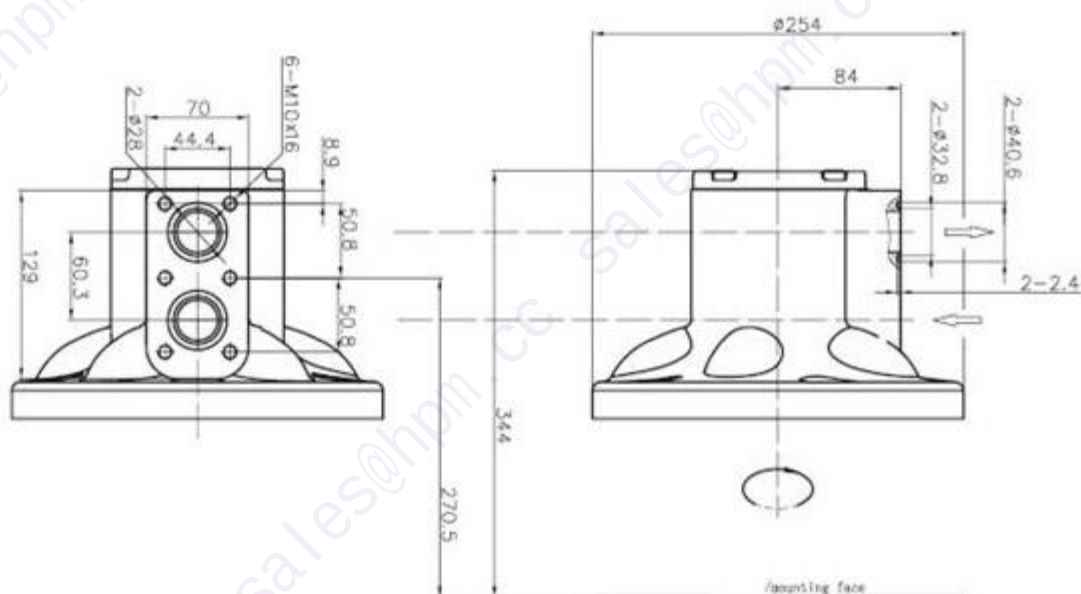
TYPE	Displacement (ml/r)	Pressure (Mpa)		Torque (N.m)		Max speed (r/min)	Rated Power(KW)	Weight (kg)
		peak.	cont.	Rate torque	specific torque			
HMB IMB STFC 080series								
HMB080-1000	988	23	29	3324	145	300	90	144
HMB080-1100	1088	23	29	3661	159	300	90	144
HMB080-1250	1237	23	29	4162	181	280	90	144
HMB080-1400	1385	23	29	4660	203	260	100	144

Installation

With F01 Distributor

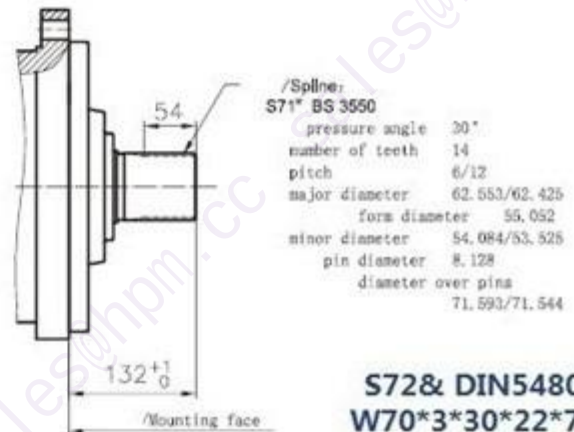
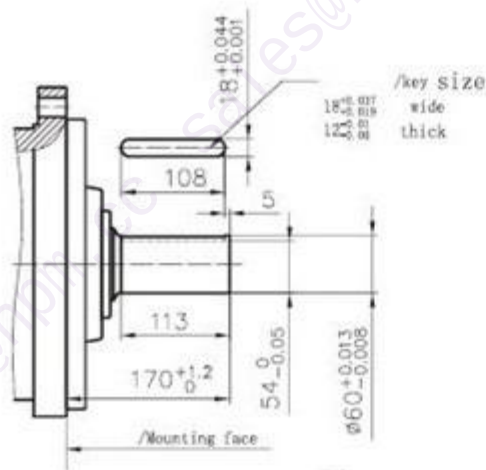


With F01B Distributor

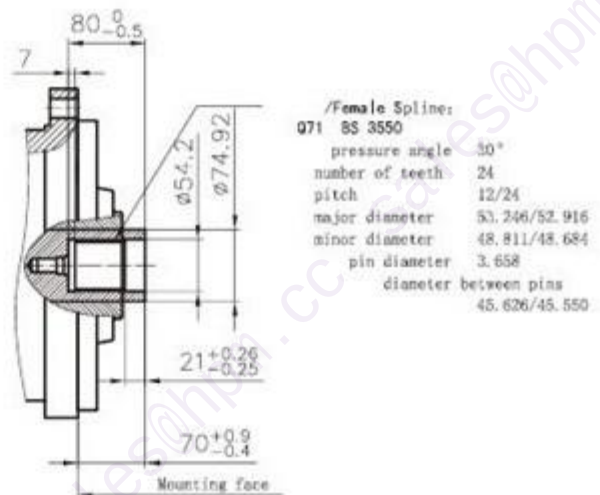
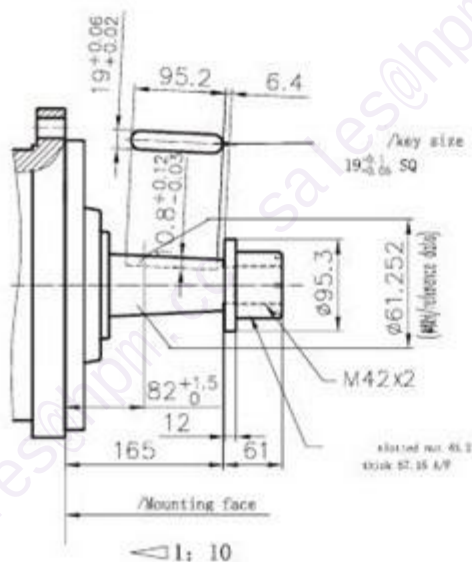


Shaft Selection

S71*:Spline shaft



Q71:Female spline shaft



STFC 100 Radial Piston Hydraulic Motor

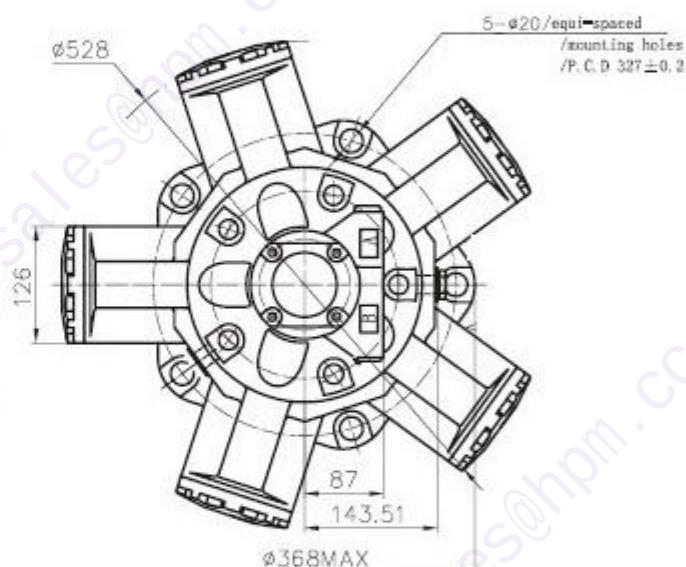
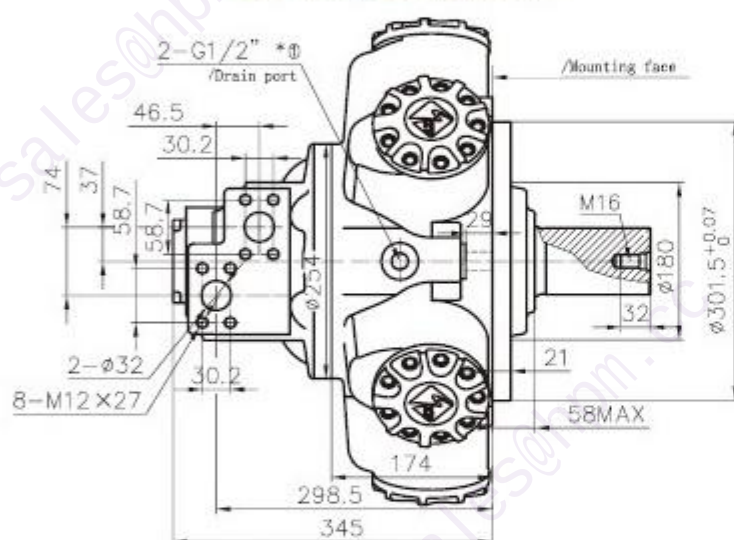
HPM
GROUP

Other popular name : **HMB IMB 100**

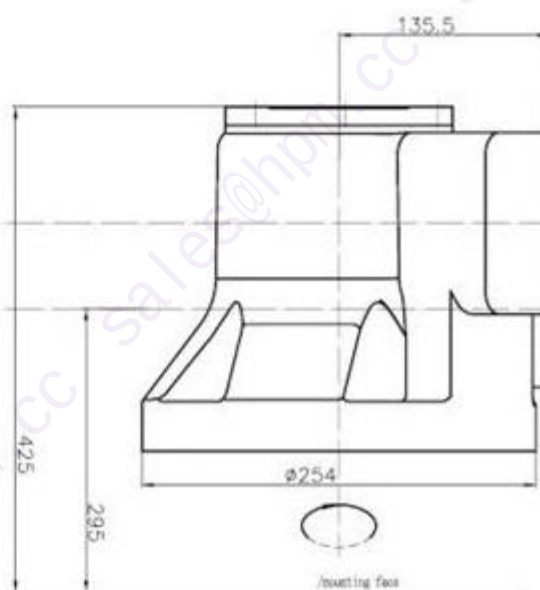
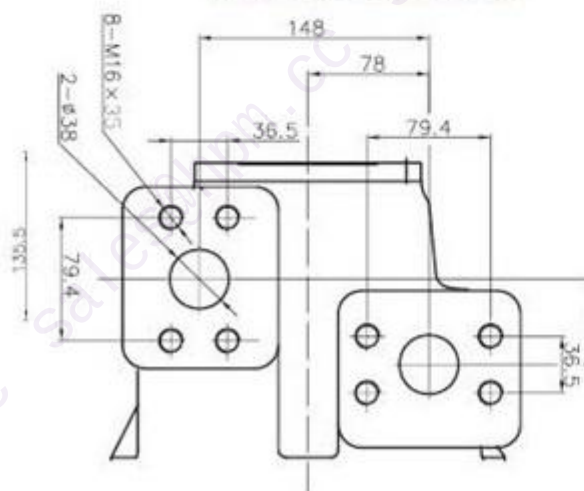
TYPE	Displacement (ml/r)	Pressure (Mpa)		Torque (N.m)		Max speed (r/min)	Rated Power(KW)	Weight (kg)
		peak.	cont.	Rate torque	specific torque			
HMB IMB STFC 100 Series								
HMB100-1400	1385	23	29	4660	203	260	100	144
HMB100-1600	1630	23	29	5484	238	240	100	144

Installation

With F01 Distributor



With F02 Distributor

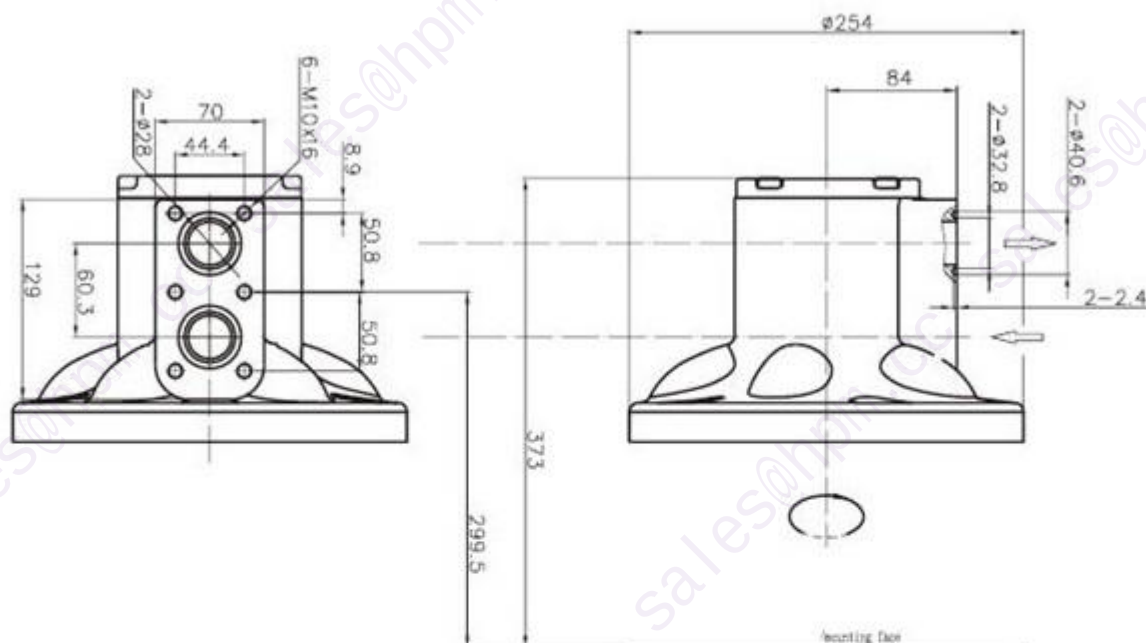


STFC 100 Radial Piston Hydraulic Motor

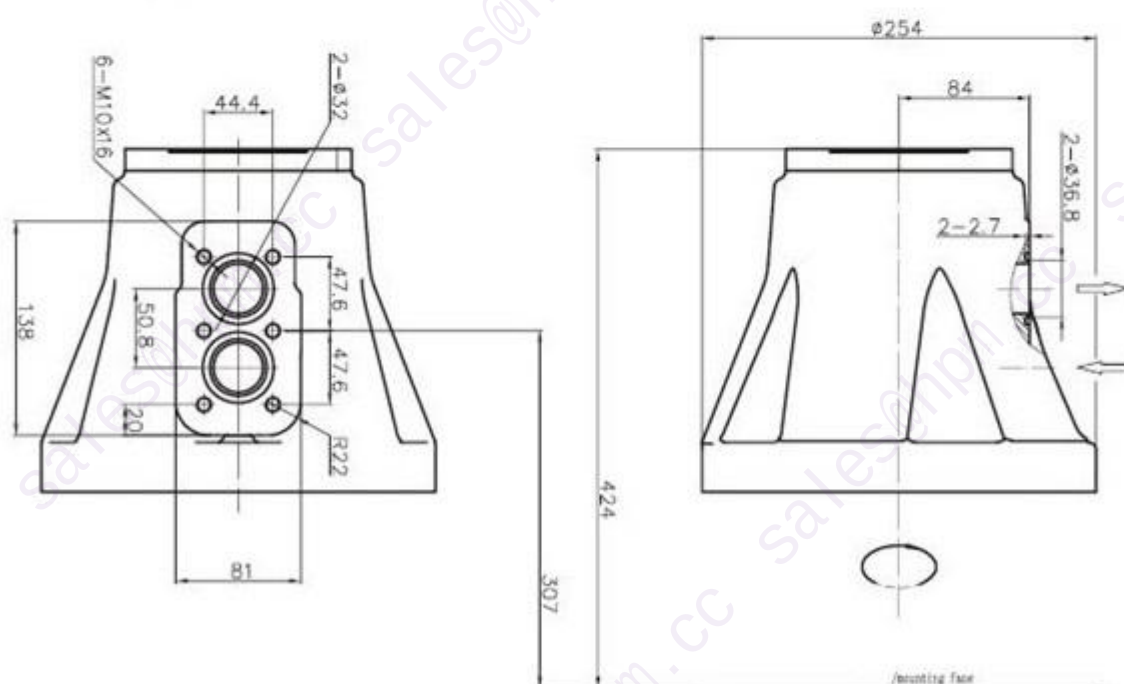
HPM
GROUP

Other popular name : **HMB IMB 100**

With F01B Distributor

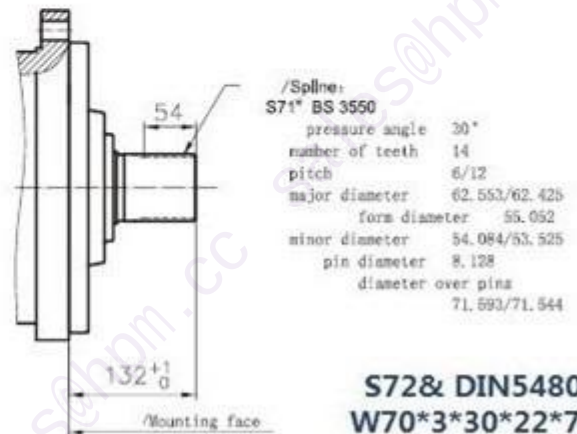
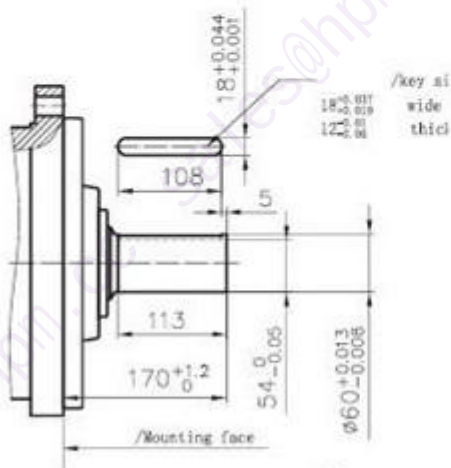


With F02 B Distributor

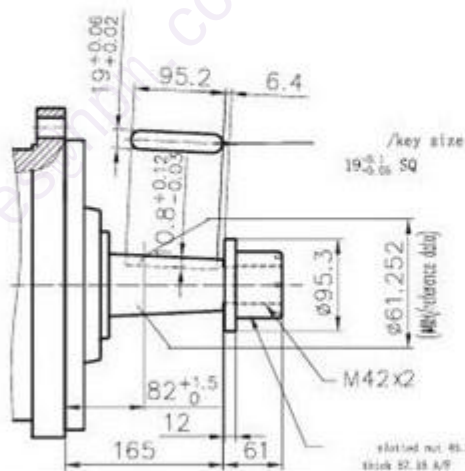


Shaft Selection

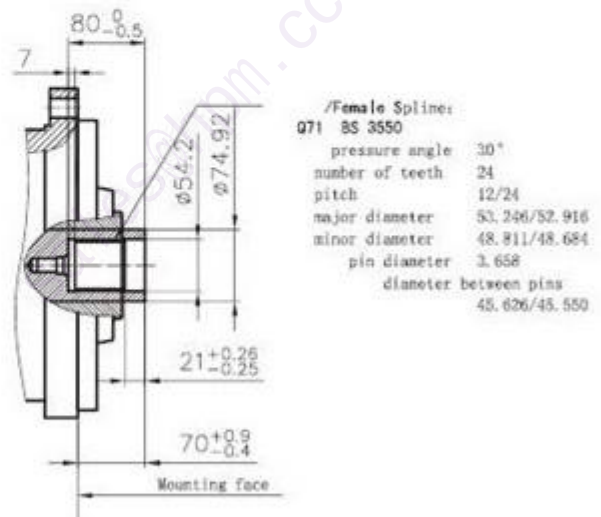
S71*:Spline shaft



T71: Taper shaft



Q71:Female spline shaft



STFC 125 Radial Piston Hydraulic Motor

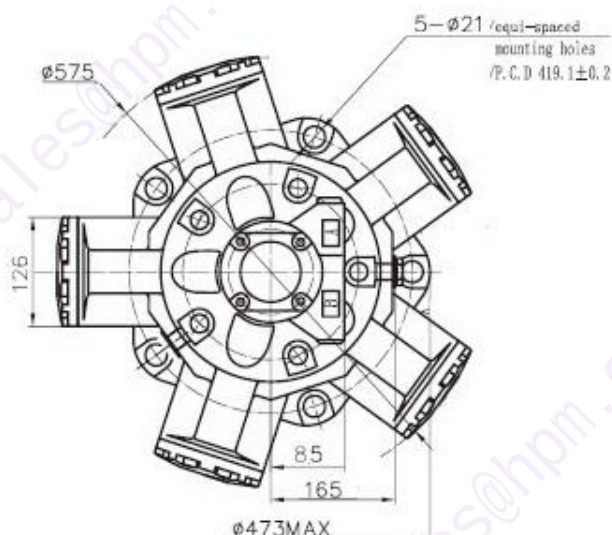
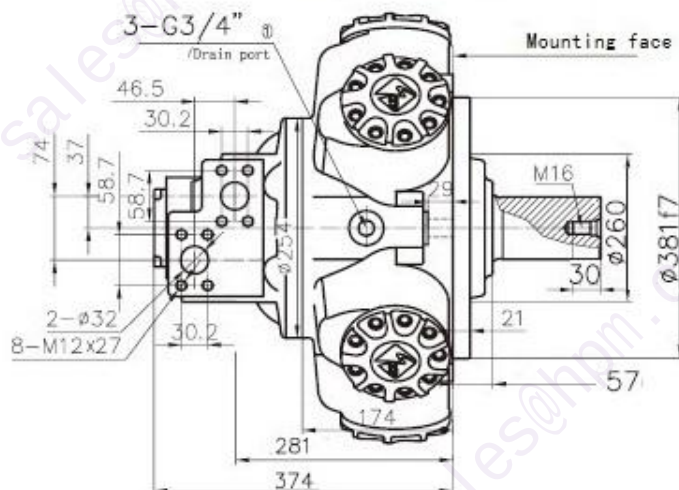
HPM
GROUP

Other popular name : **HMB IMB 125**

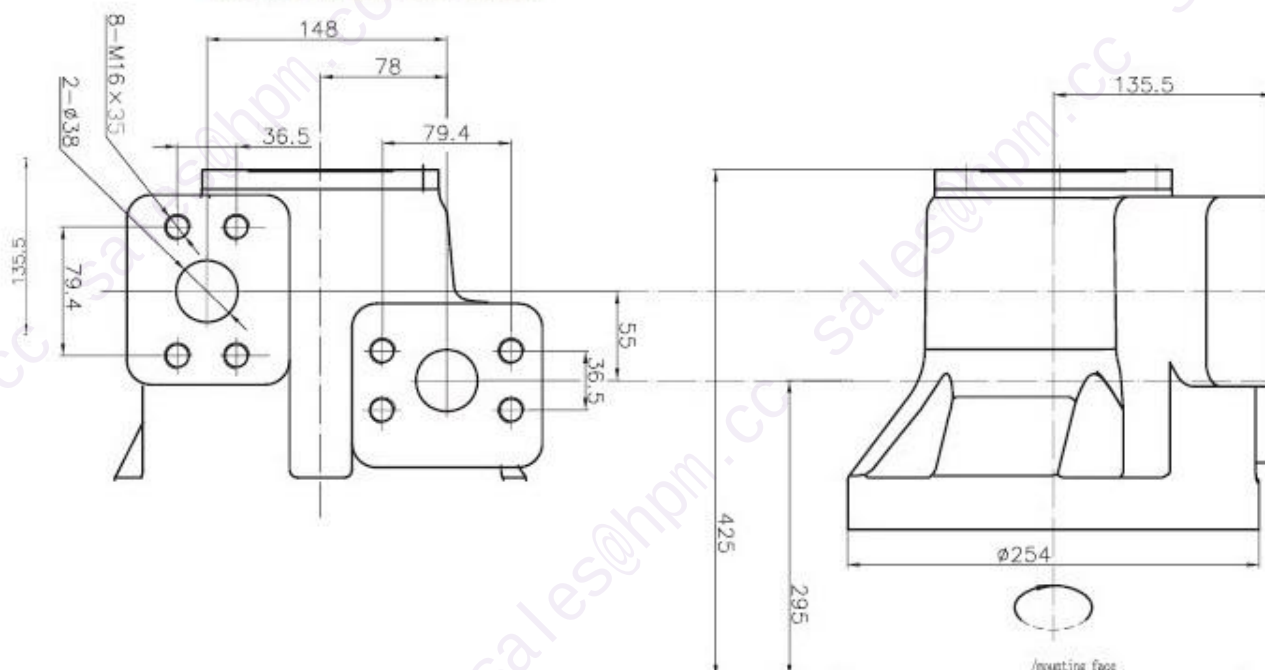
TYPE	Displacement (ml/r)	Pressure (Mpa)		Torque (N.m)		Max speed (r/min)	Rated Power(KW)	Weight (kg)
		peak.	cont.	Rate torque	specific torque			
HMB IMB STFC 125 Series								
HMB125-1400	1459	23	29	4909	213	300	95	235
HMB125-1600	1621	23	29	5454	237	270	95	235
HMB125-1800	1864	23	29	6271	273	235	95	235
HMB125-2000	2050	23	29	6820	297	220	95	235

Installation

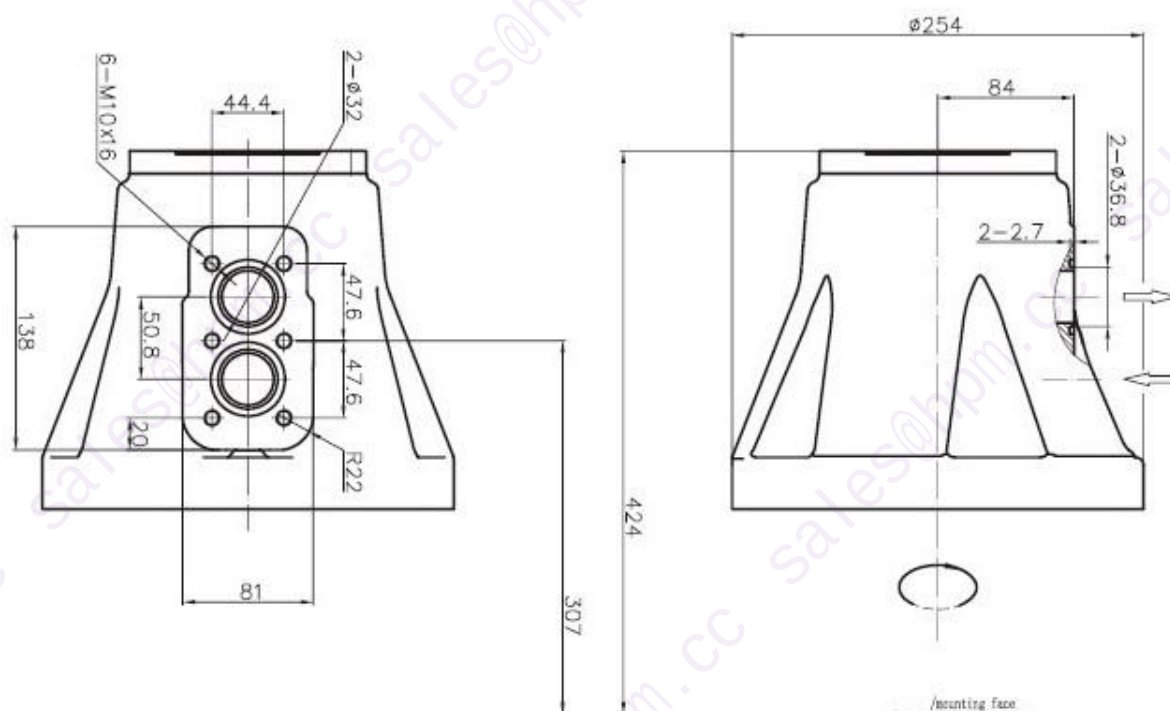
With F01 Distributor



With F02 Distributor



With F01B Distributor



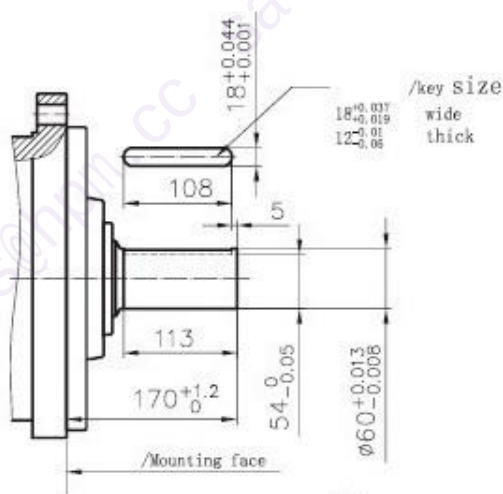
STFC 125 Radial Piston Hydraulic Motor



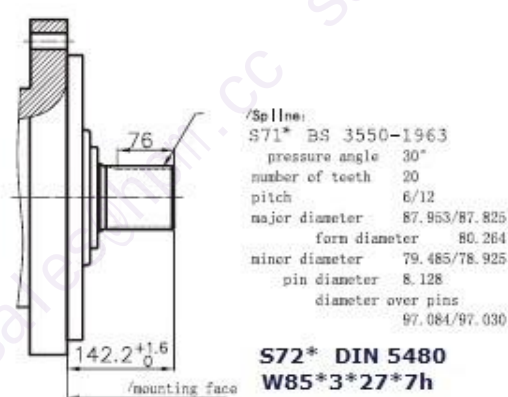
Other popular name : **HMB IMB 125**

Shaft Selection

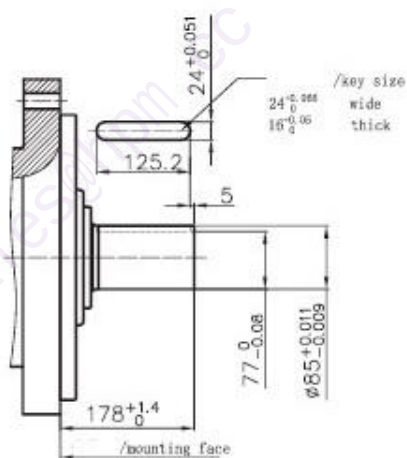
P72 : Key shaft



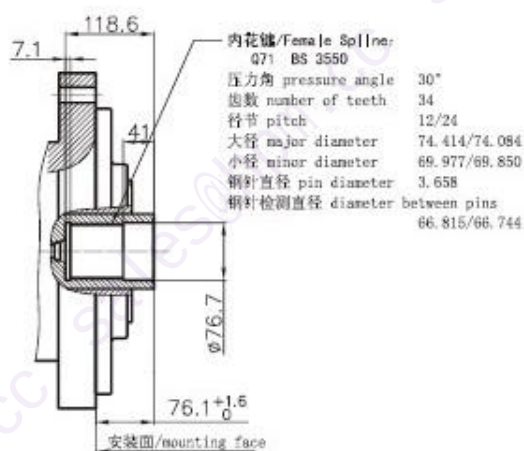
S71*:Spline shaft



P73 Standard Key shaft



Q71:Female spline shaft

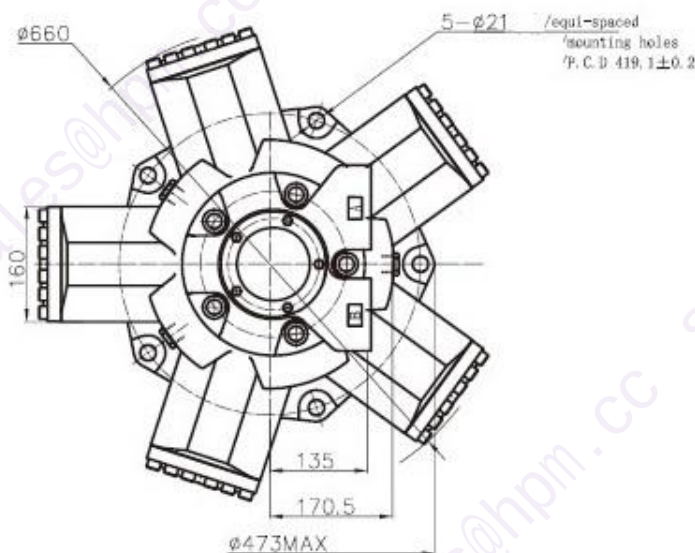
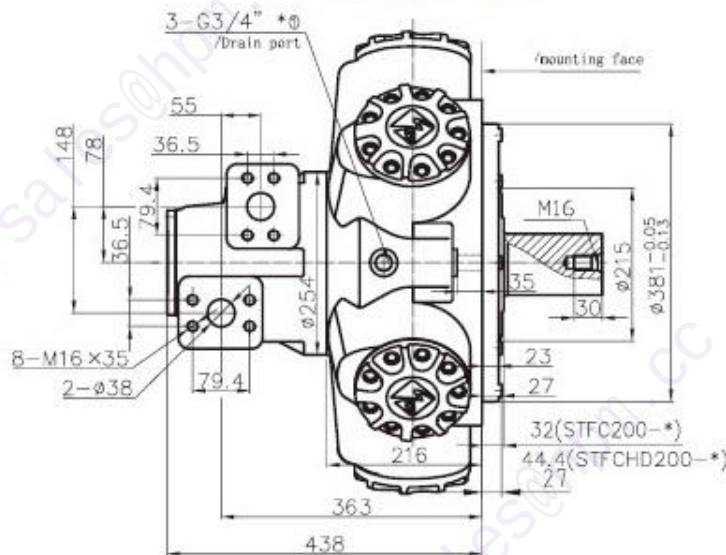


Other popular name : HMB IMB 200

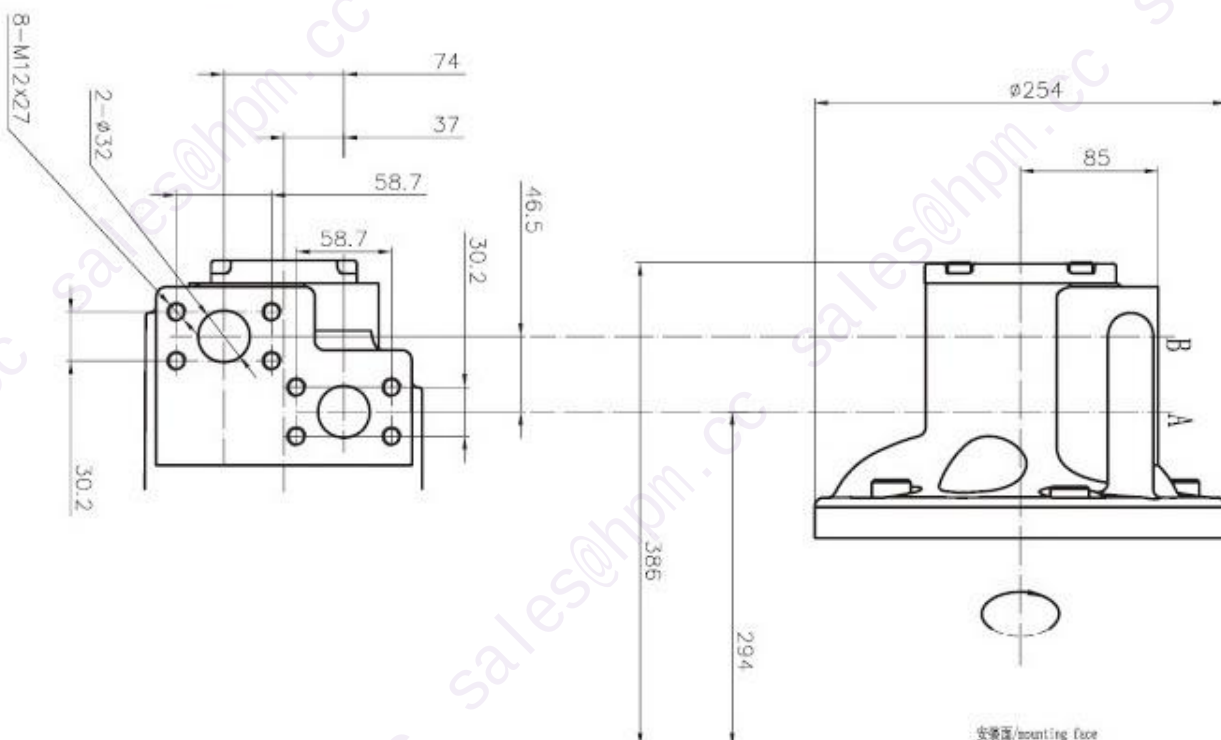
TYPE	Displacement (ml/r)	Pressure (Mpa)		Torque (N.m)		Max speed (r/min)	Rated Power(KW)	Weight (kg)
		peak.	cont.	Rate torque	specific torque			
HMB IMB STFC 200 Series								
HMB200-2400	2432	23	29	8182	356	220	120	285
HMB200-2800	2757	23	29	9276	403	195	120	285
HMB200-3100	3080	23	29	10362	451	175	120	285

Installation

With F02 Distributor



With F01 Distributor

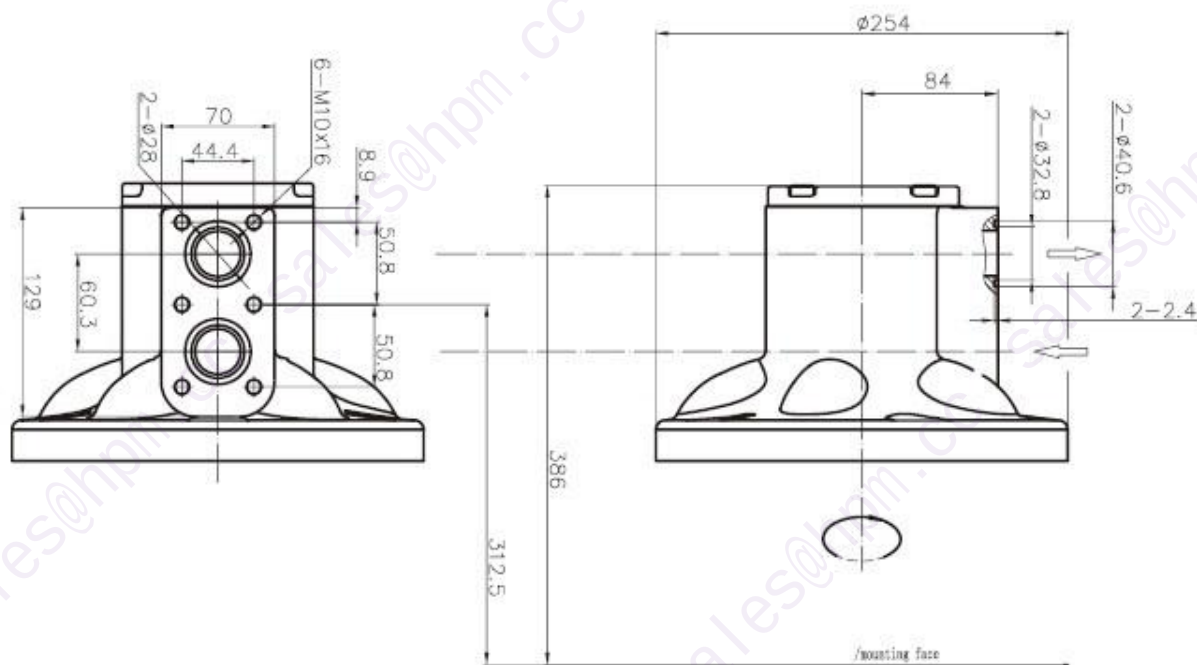


STFC 200 Radial Piston Hydraulic Motor

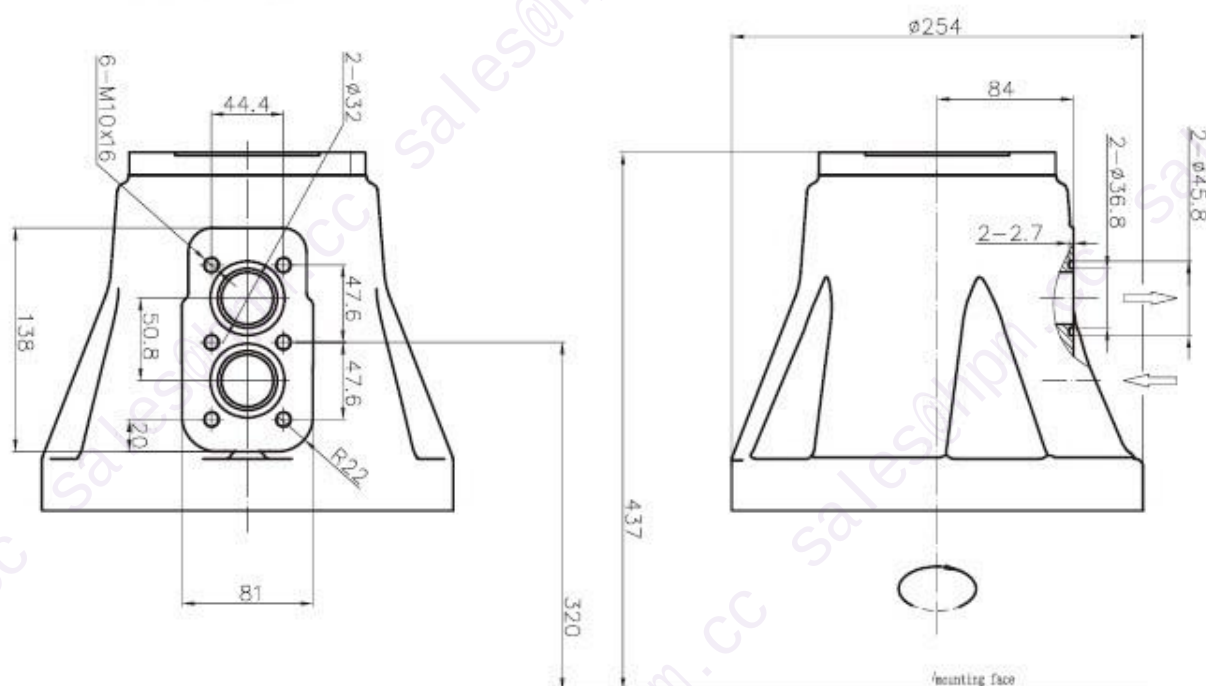
HPM
GROUP

Other popular name : **HMB IMB 200**

With F01B Distributor



With F02 B Distributor



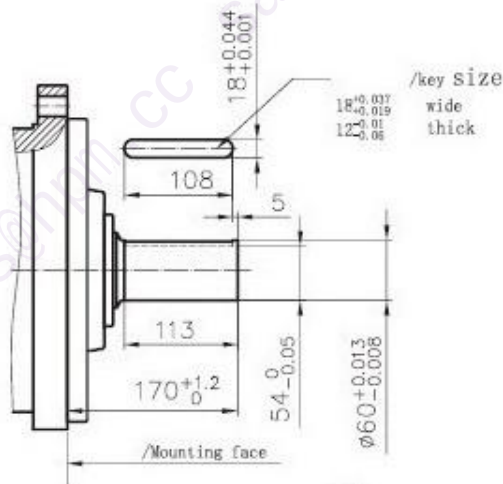
STFC 200 Radial Piston Hydraulic Motor

HPM
GROUP

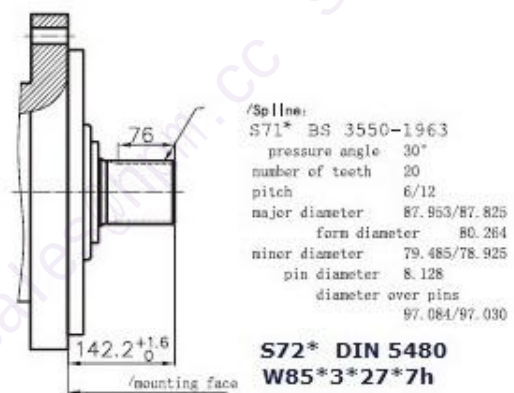
Other popular name : **HMB IMB 200**

Shaft Selection

P72 : Key shaft

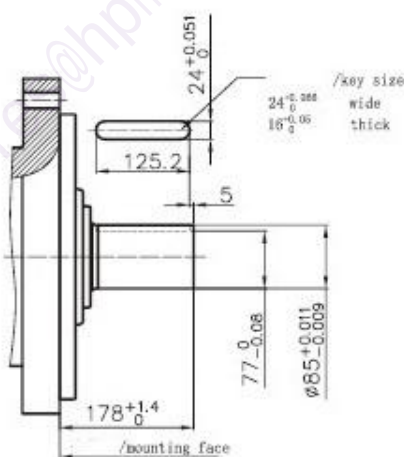


S71*:Spline shaft

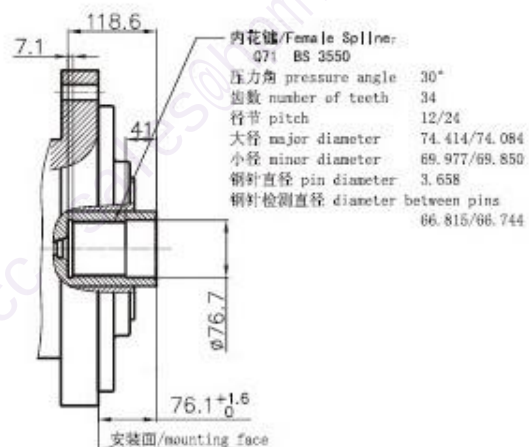


S72* DIN 5480
W85*3*27*7h

P73 Standard Key shaft



Q71:Female spline shaft



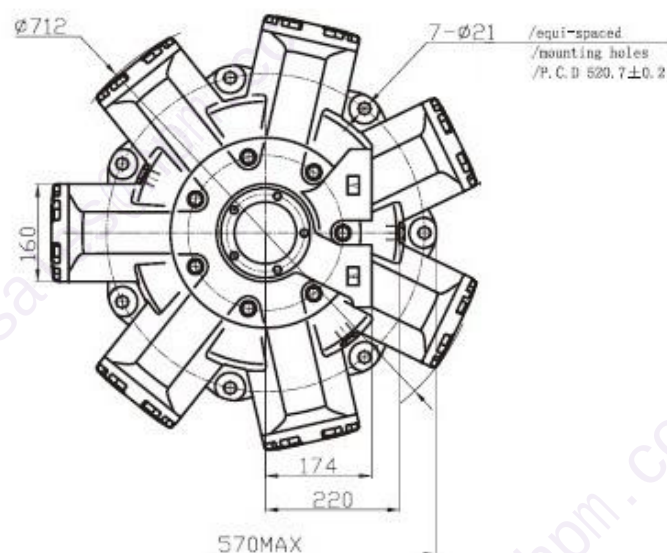
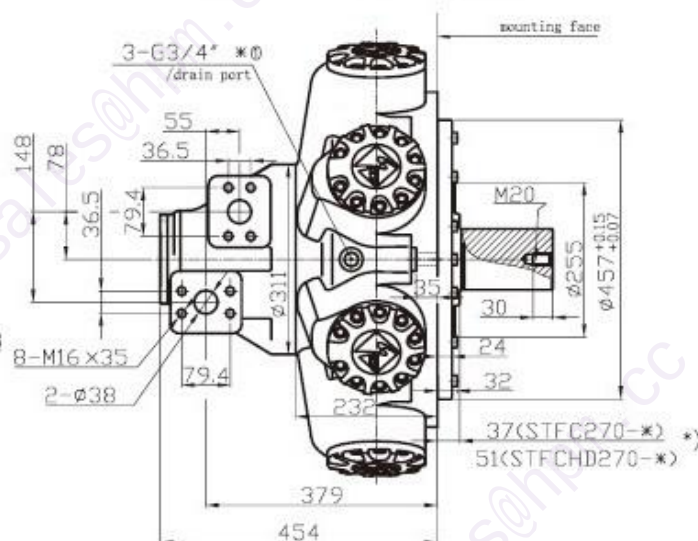
STFC 270 Radial Piston Hydraulic Motor

Other popular name : **HMB IMB 270**

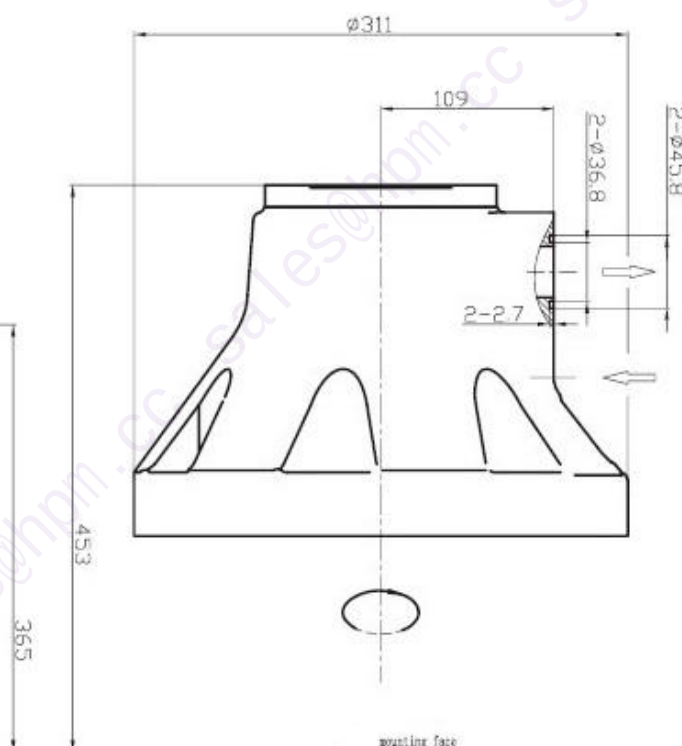
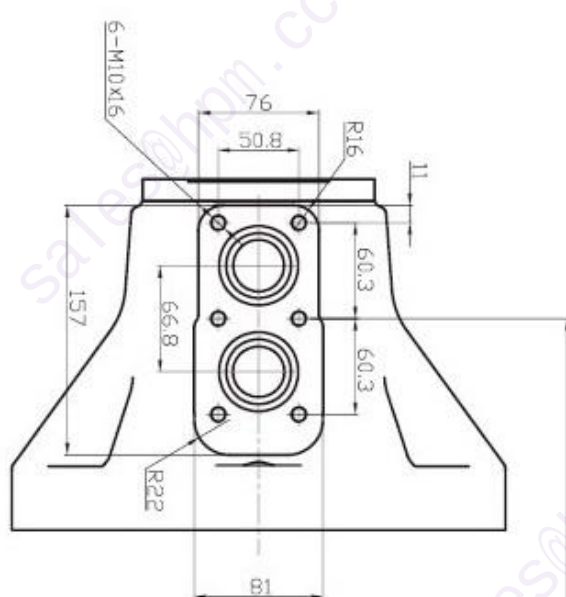
TYPE	Displacement (ml/r)	Pressure (Mpa)		Torque (N.m)		Max speed (r/min)	Rated Power(KW)	Weight (kg)
		peak.	cont.	Rate torque	specific torque			
HMB IMB STFC 270 Series								
HMB270-3300	3291	23	29	11072	481	160	130	420
HMB270-3600	3575	23	29	12028	523	145	130	420
HMB270-4000	3973	23	29	13367	581	130	130	420
HMB270-4300	4313	23	29	14511	631	120	130	420

Installation

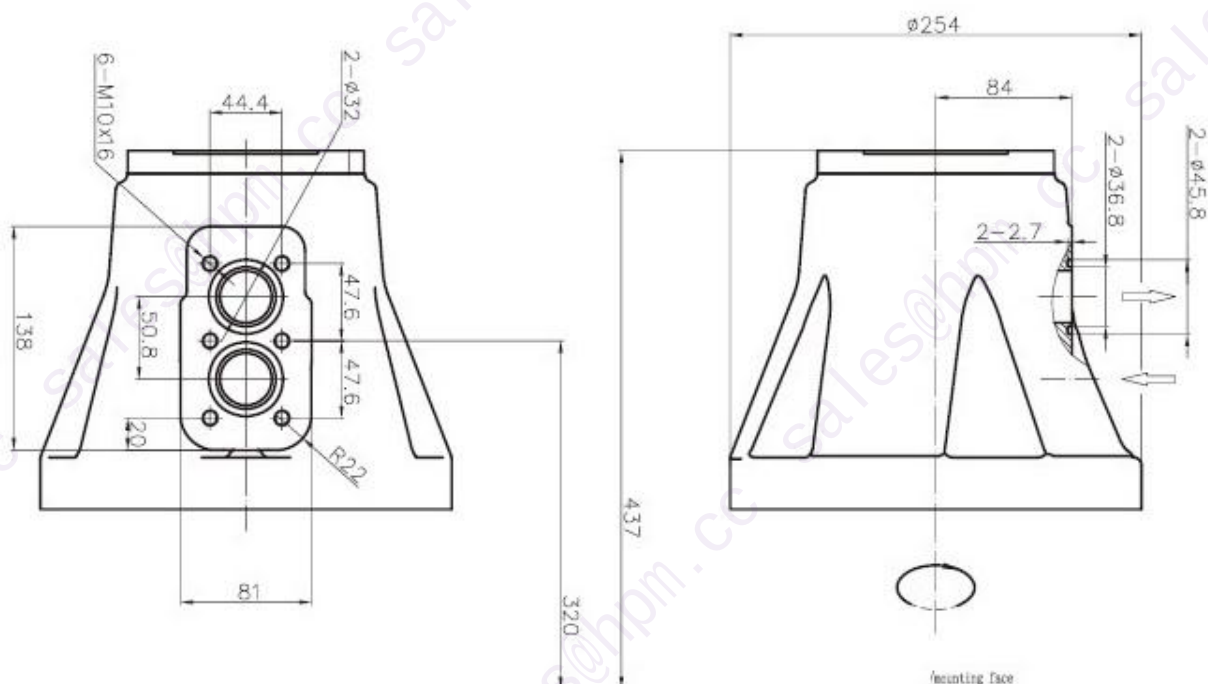
With F03 Distributor



With F03B Distributor



With F01B Distributor



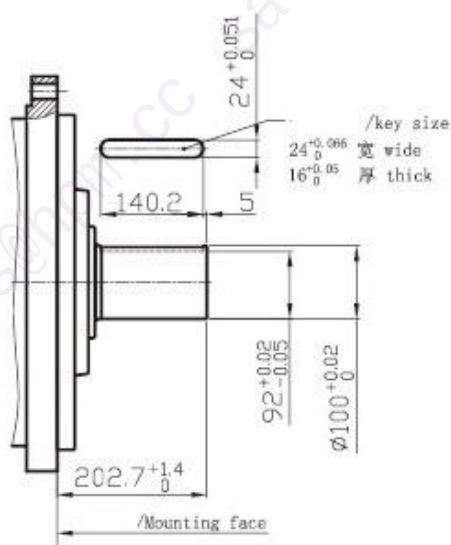
STFC 270 Radial Piston Hydraulic Motor

HPM
GROUP

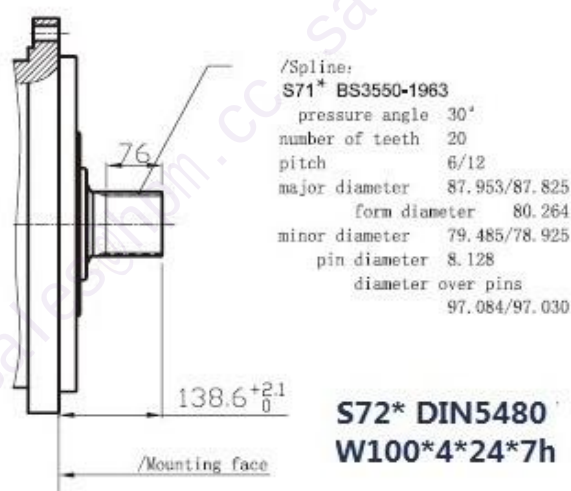
Other popular name : **HMB IMB 270**

Shaft Selection

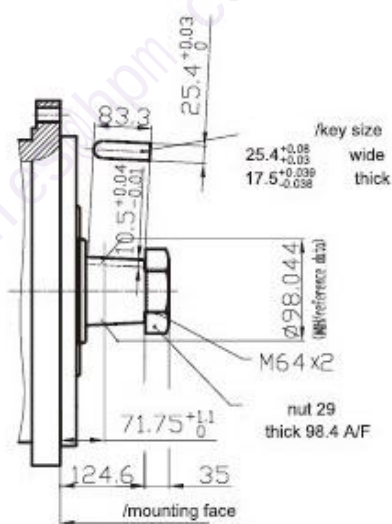
P74*: Standard Key shaft



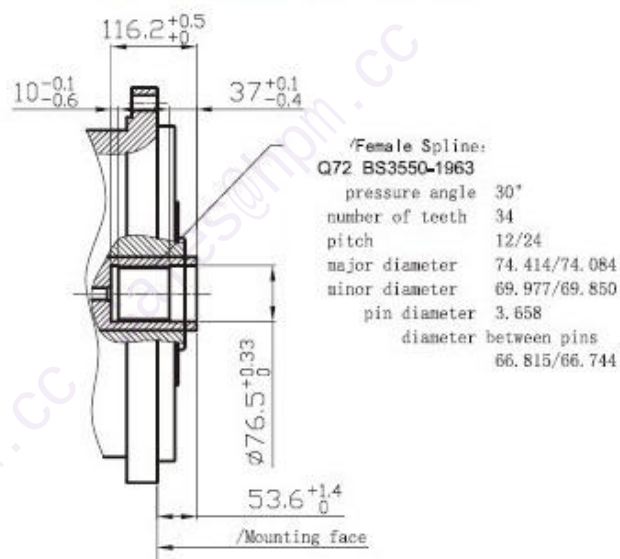
S71*: Standard Spline shaft



T71:Taper shaft



Q72 :Female spline shaft



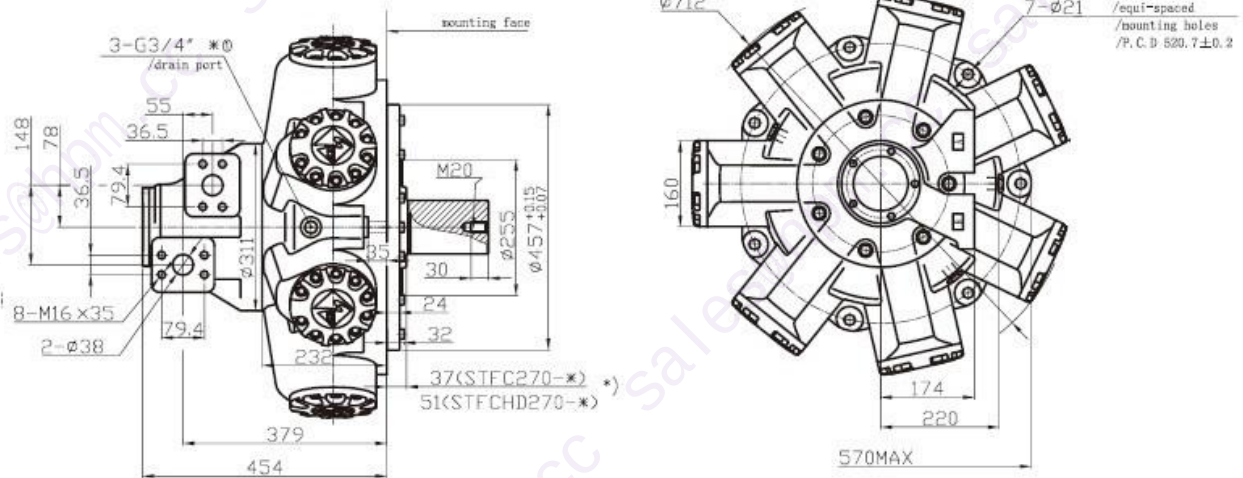
STFC 325 Radial Piston Hydraulic Motor

Other popular name : **HMB IMB 325**

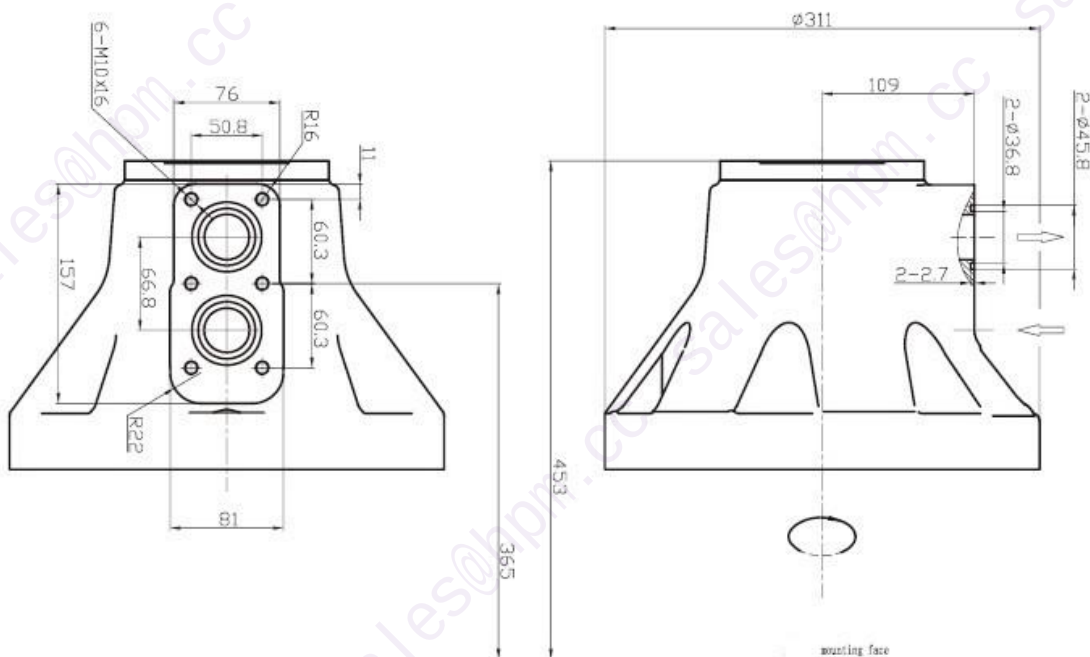
TYPE	Displacement (Ml/r)	Pressure (Mpa)		Torque (N.m)		Max speed (r/min)	Rated Power(KW)	Weight (kg)
		peak.	cont.	Rate torque	specific torque			
HMB IMB STFC 325 Series								
HMB 325 -4500	4538	23	29	15268	664	115	130	430
HMB 325 -5000	4992	23	29	16795	730	105	130	430
HMB 325 -5400	5310	23	29	17865	777	100	130	430

Installation

With F03 Distributor



With F03B Distributor

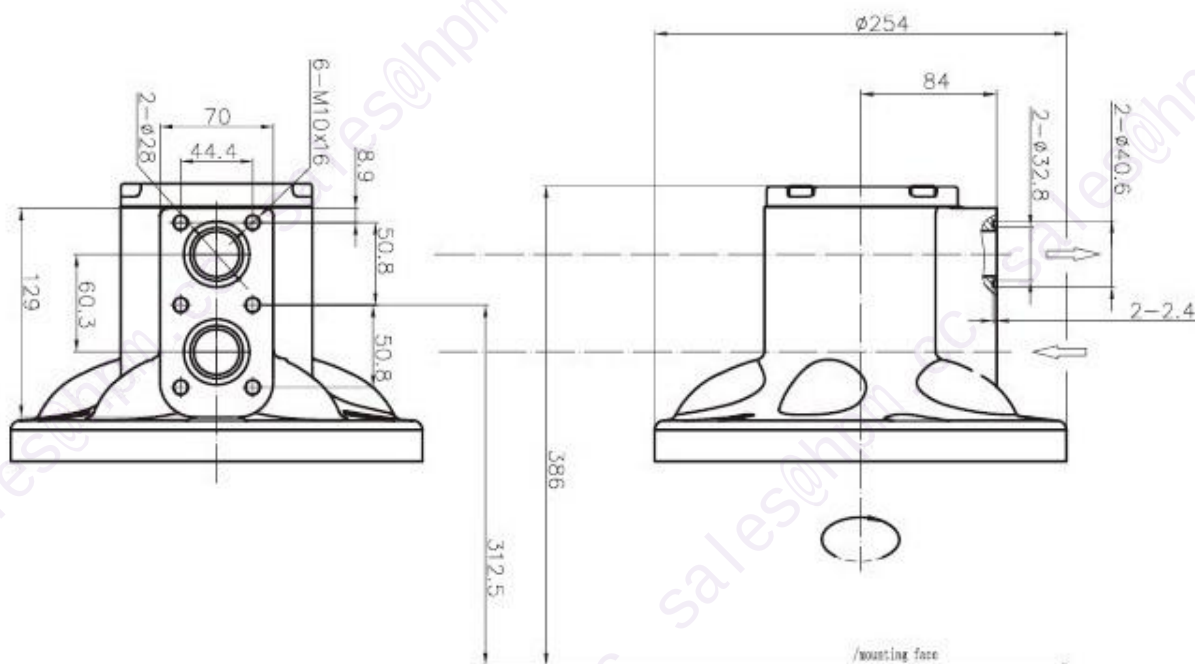


STFC 325 Radial Piston Hydraulic Motor

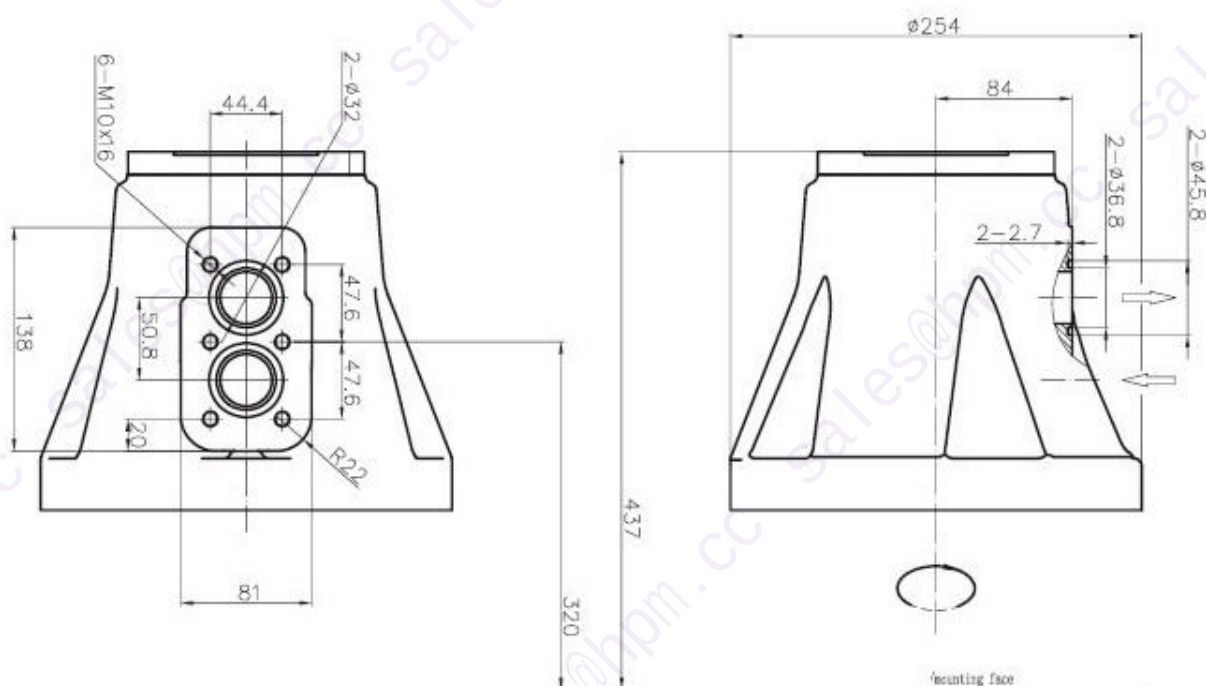
HPM
GROUP

Other popular name : **HMB IMB 325**

With F01B Distributor



With F02 B Distributor



Technical drawing of a slotted nut assembly. The drawing shows a side view of the assembly with various dimensions and tolerances.

Dimensions and Tolerances:

- Top flange thickness: $25.4^{+0}_{-0.05}$
- Distance from top flange to start of slot: 133.4
- Slot width: 6.3
- Slot depth: $0.5^{+0.04}_{-0.01}$
- Distance from slot to end of nut: 12
- Nut thread: M42x2
- Distance from end of nut to mounting face: 67
- Distance from slot to end of nut (total): 95.3
- Distance from slot to end of nut (total): 99.446 (with reference slot)
- Slotted nut dimensions: 45.2 thick 57.15 A/F
- Mounting face: 183

Key size table:

Key size	wide	thick
25.5	$5.0^{+0.02}_{-0.01}$	$5.0^{+0.039}_{-0.038}$

Scale: 1:10

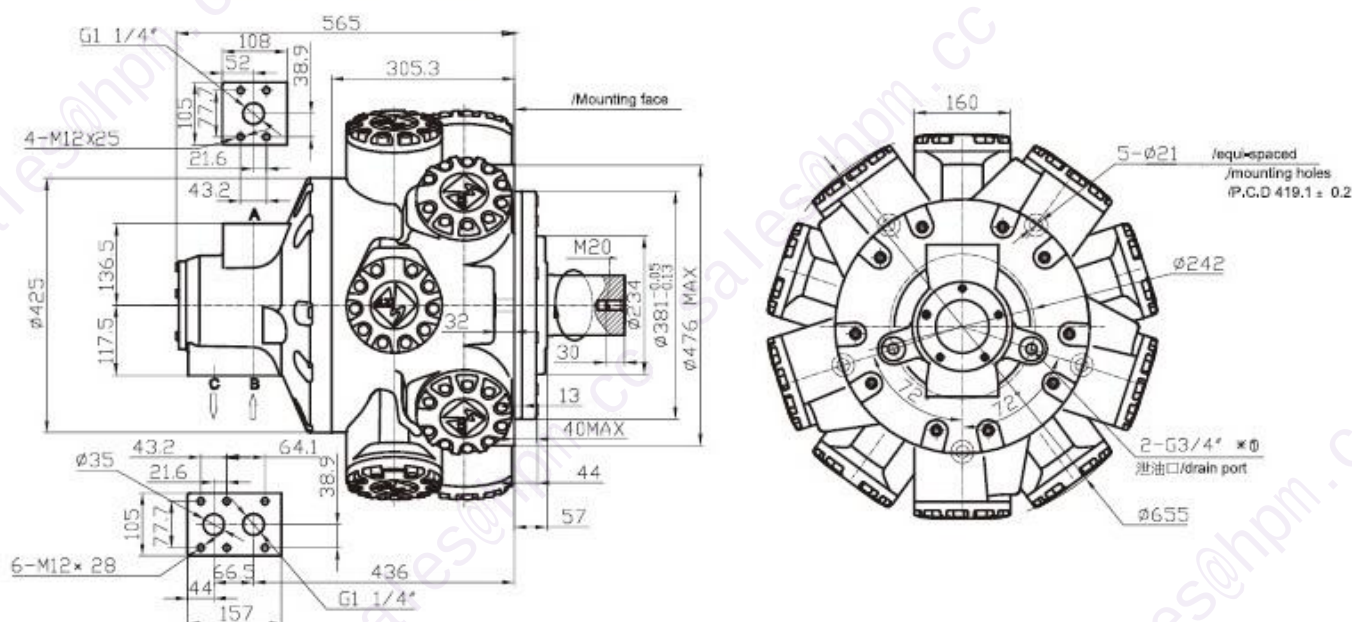
STFC 400 Radial Piston Hydraulic Motor

Other popular name : **HMB IMB 400**

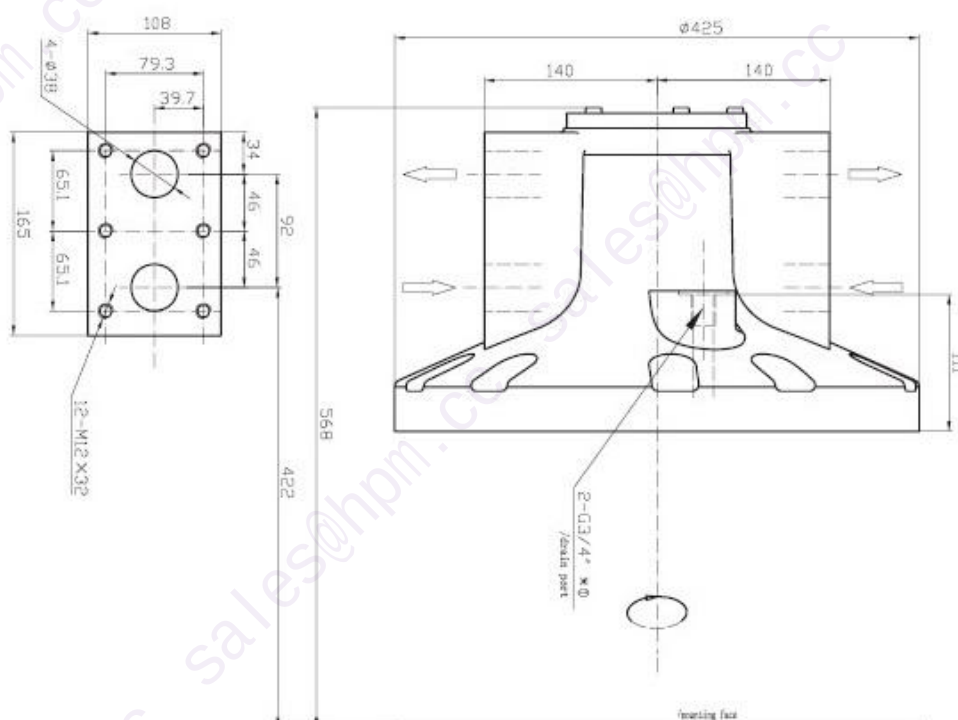
TYPE	Displacement (ml/r)	Pressure (Mpa)		Torque (N.m)		Max speed (r/min)	Rated Power(KW)	Weight (kg)
		peak.	cont.	Rate torque	specific torque			
HMB IMB STFC 400 Series								
HMB400-5500	5510	23	29	18135	788	120	175	495
HMB400-6000	5996	23	29	19735	858	120	175	495
HMB400-6500	6483	23	29	21337	928	120	175	495
HMB400-6800	6807	23	29	22404	974	120	175	495

Installation

With F04 Distributor



With F04B Distributor



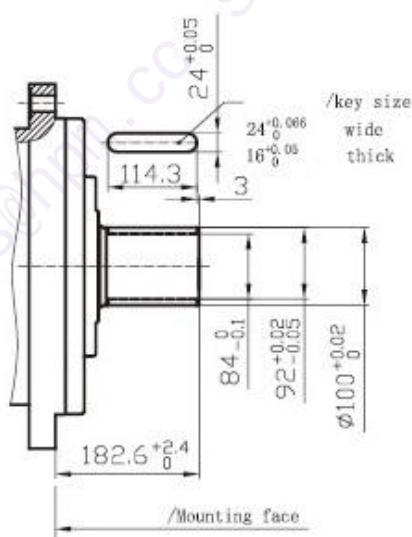
STFC 400 Radial Piston Hydraulic Motor

HPM
GROUP

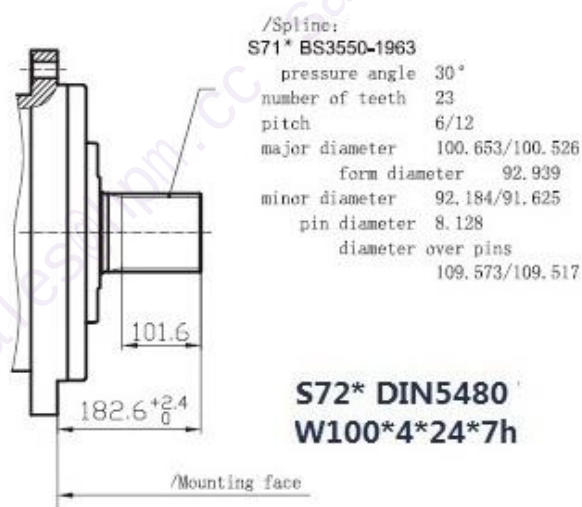
Other popular name : **HMB IMB400**

Shaft Selection

P71*: Standard Key shaft

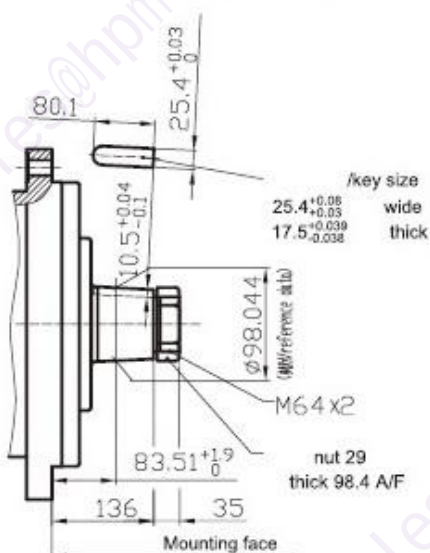


S71*: Standard Spline shaft



S72* DIN5480
W100*4*24*7h

T71:Taper shaft



Q71:Female spline shaft

