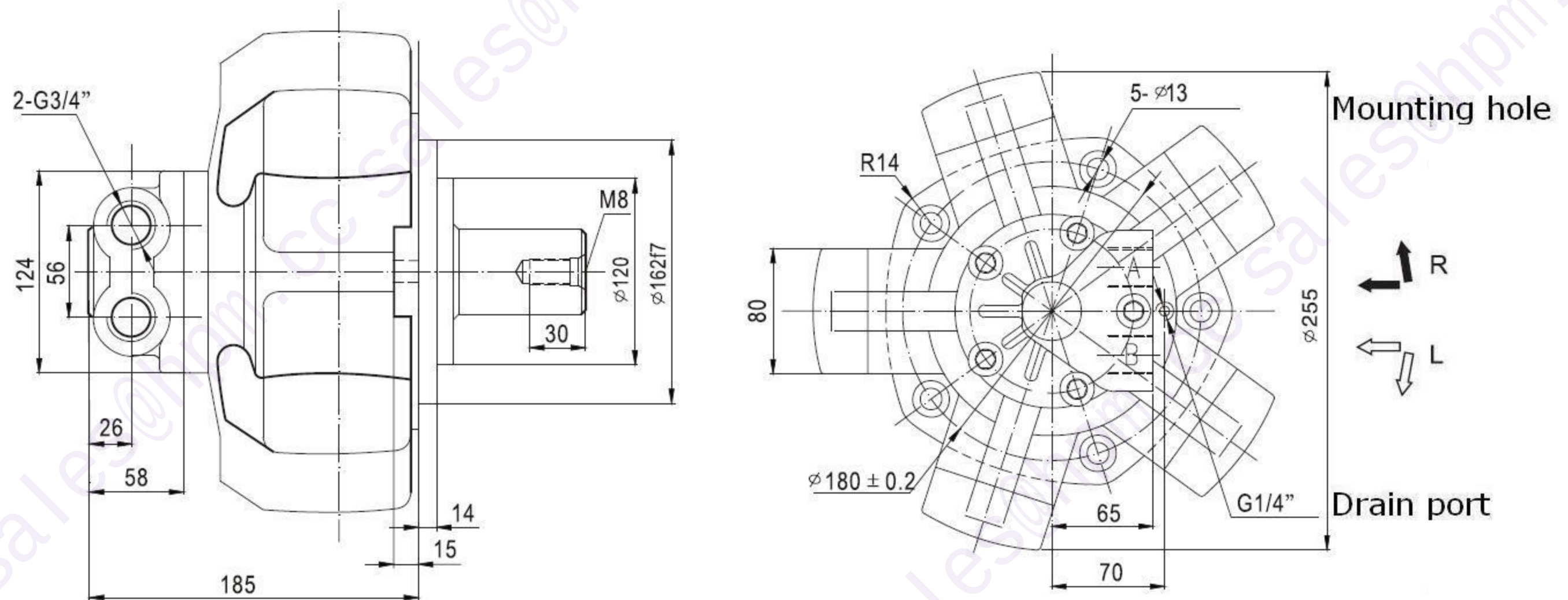


IAM H1 Series Radial piston motor



Other popular name : NHM/IHM/JMDG-2

Installation

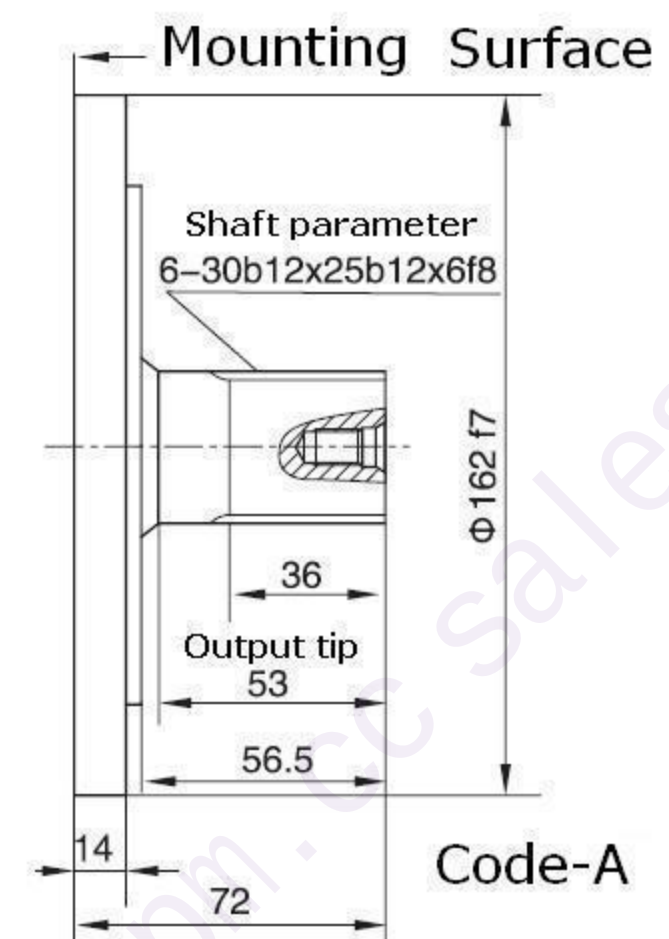


Shaft Selection

Spline shaft

(mm)

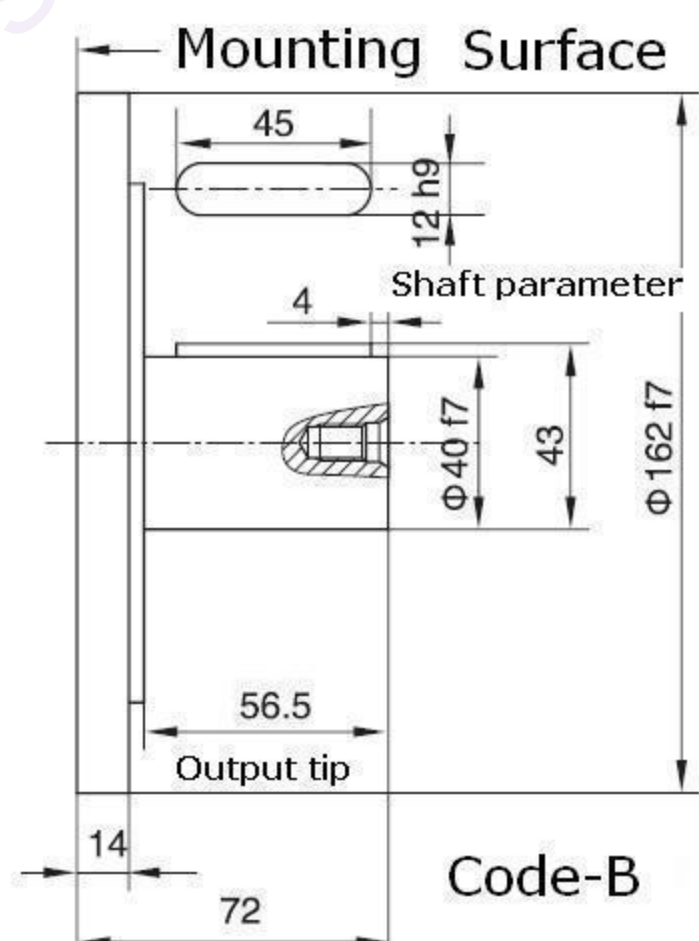
Code of shaft	Dia. of axle	Shaft parameter	Output tip length
Code-A	φ30	6-30×25×6	53



Key shaft

(mm)

Code of shaft	Dia. of axle	Shaft parameter	Output tip length
Code-B	φ40	10×45	56.5
Code-B1	φ40	12×50	55
Code-B2	φ25	8 × 40	49
Code-B3	φ25.4	6.375 × 35	42.4
Code-B4	φ31.75	8 × 35	60
Code-B5	φ40	12 × 70	114



IAM H1 Series Radial piston motor



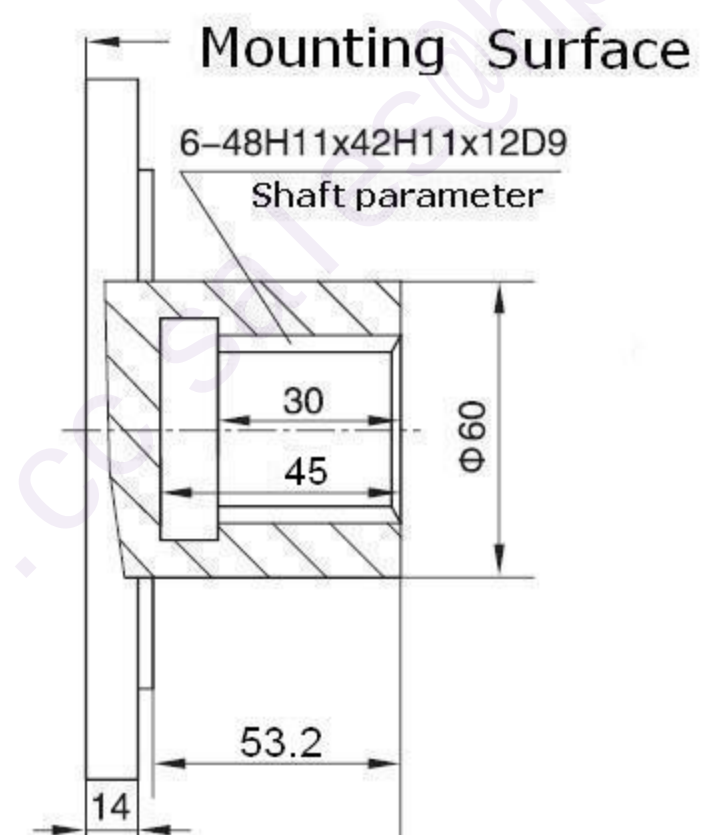
Other popular name : NHM/IHM/JMDG-2

Shaft Selection

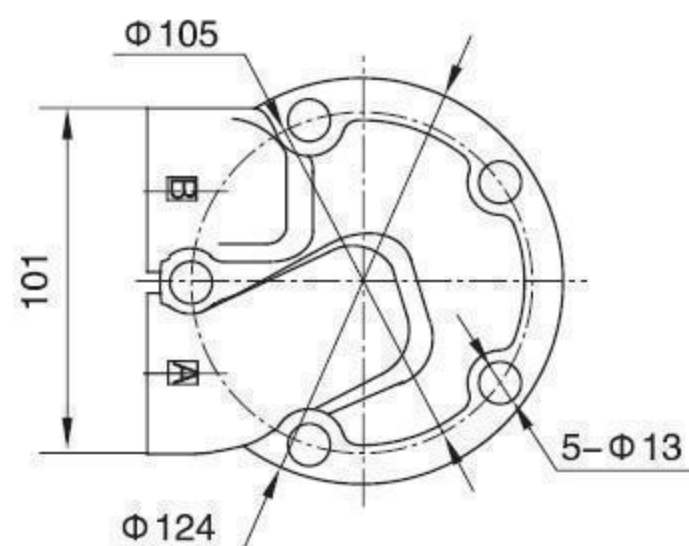
Female spline shaft

(mm)

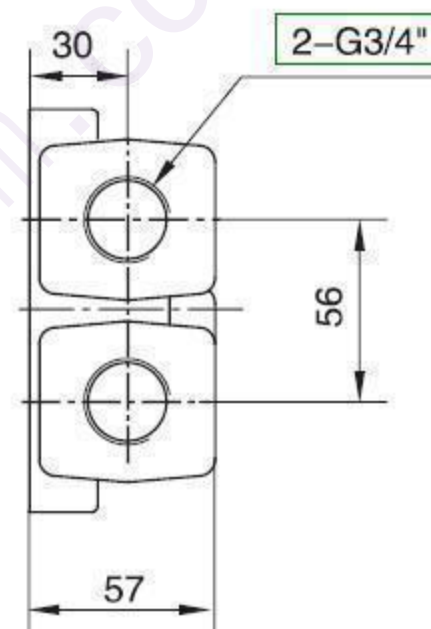
Code of shaft	Dia. of axle	Shaft parameter	
Code-I	Φ60	6-48×42×12	



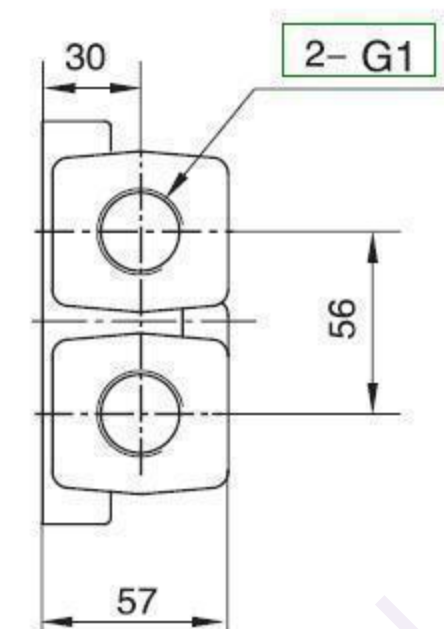
Oil distributor



D31



D310



Parameters

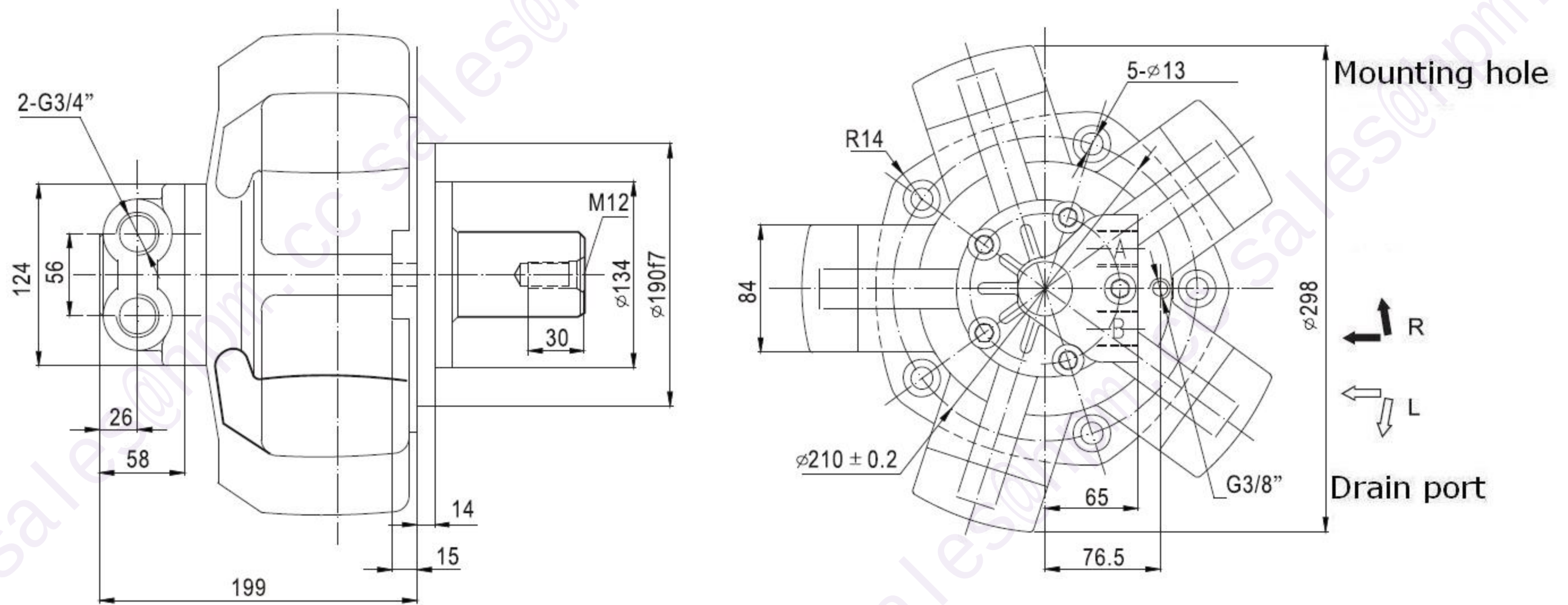
TYPE	Displacement (ml/r)	Pressure(Mpa)		Torque(N.m)		Speed range (r/min)	Max cont Power (r/min)	Weight (kg)
		Peak pressure	Cont pressure	Rate torque	Theoric torque			
IAM-100-H1	113	32	25	420	18	10-1250	25	28
IAM-150-H1	157	32	25	581	25	10-1000	25	28
IAM-175-H1	176	25	20	532	27	10-1000	25	28
IAM-200-H1	201	25	20	600	32	8-800	25	28
IAM-250-H1	254	20	16	607	38	8-630	25	28
IAM-280-H1	271	20	16	642	40	8-630	25	28

IAM H2 Series Radial piston motor



Other popular name : NHM/IHM/JMDG-3

Installation

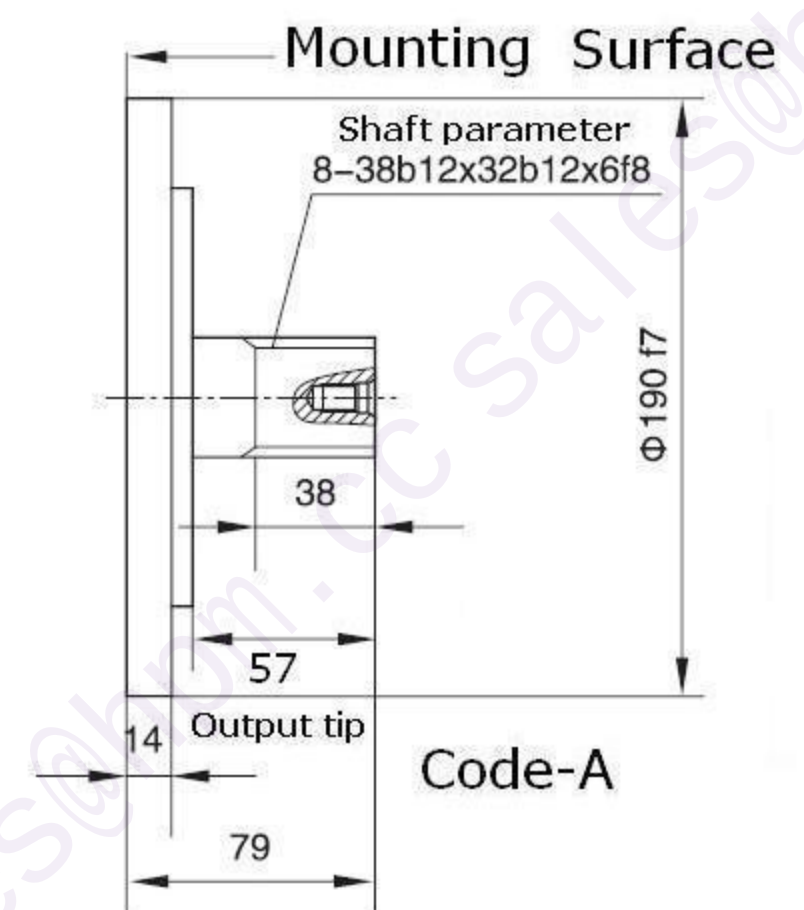


Shaft Selection

Spline shaft

(mm)

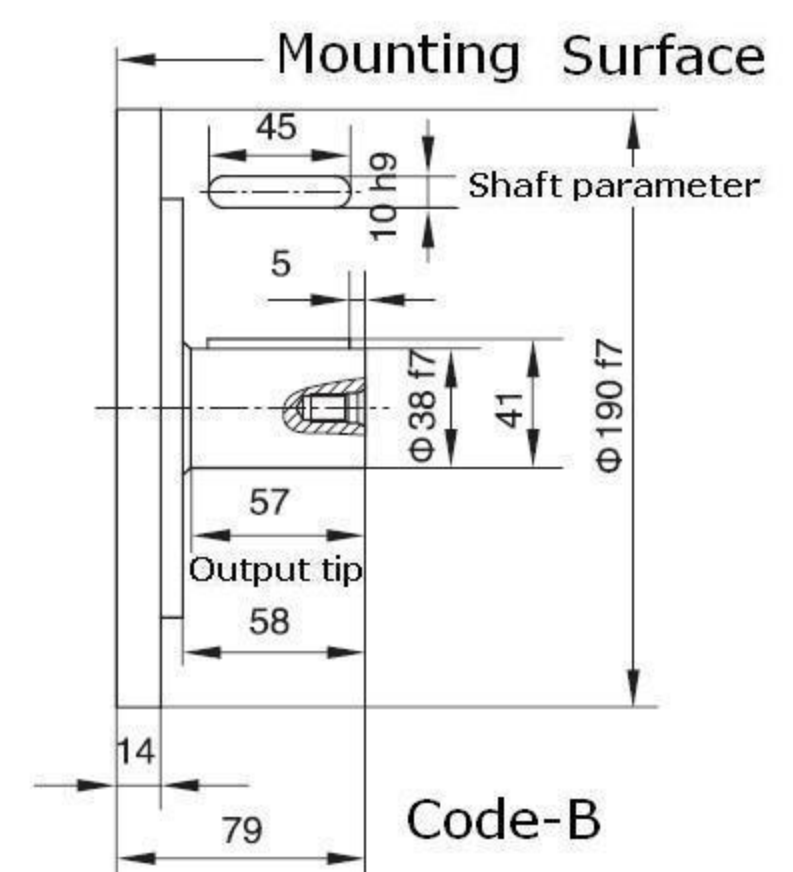
Code of shaft	Dia. of axle	Shaft parameter	Output tip length
Code-A	Φ38	8-38×32×6	57
Code-A1	Φ30	6-30×25×6	68
Code-A2	Φ42	8-42×36×7	57
Code-A3	Φ34	6-34×28×7	57
Code-A4	Φ40	8-40×36×7	81



Key shaft

(mm)

Code of shaft	Dia. of axle	Shaft parameter	Output tip length
Code-B	Φ38	10×45	57
Code-B1	Φ40	12×50	60
Code-B2	Φ50	14×50	80
Code-B3	Φ40	12×45	57
Code-B4	Φ50	16×55	67
Code-B5	Φ40	12×70	84
Code-B6	Φ31.75	10×45	57



IAM H2 Series Radial piston motor



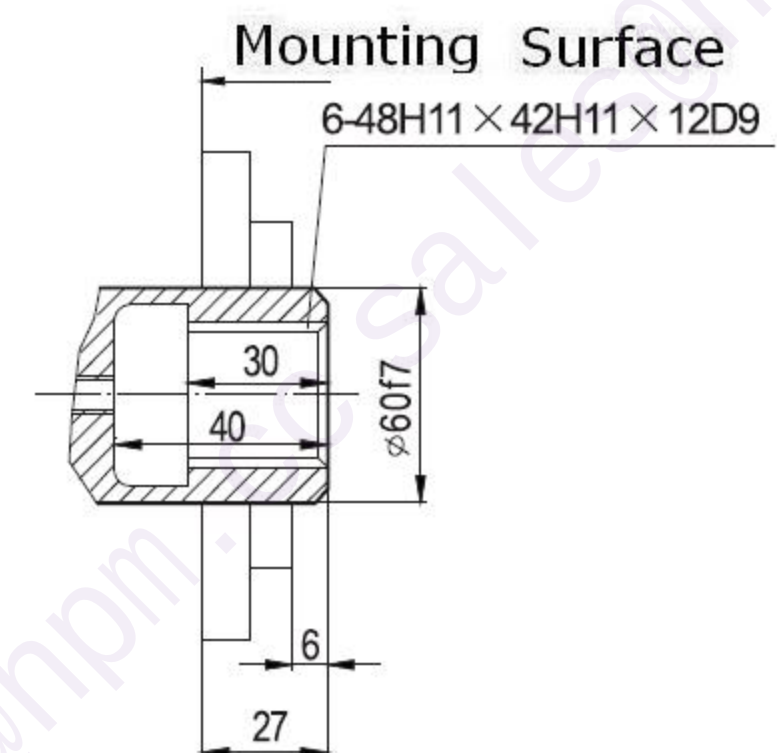
Other popular name : NHM/IHM/JMDG-3

Shaft Selection

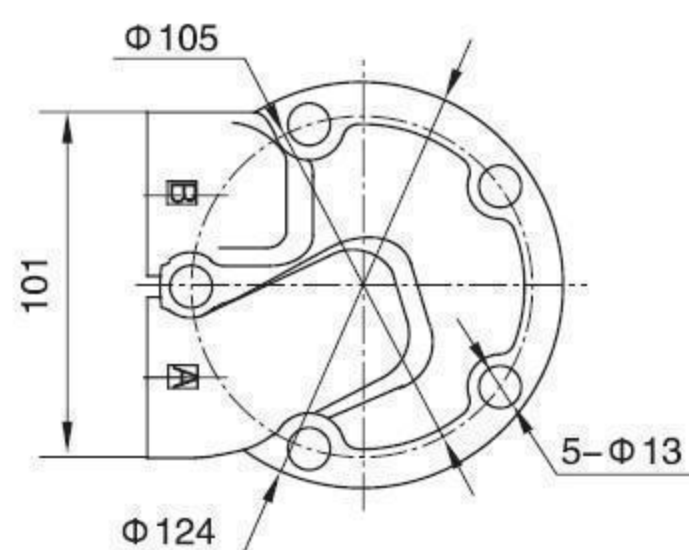
Female spline shaft

(mm)

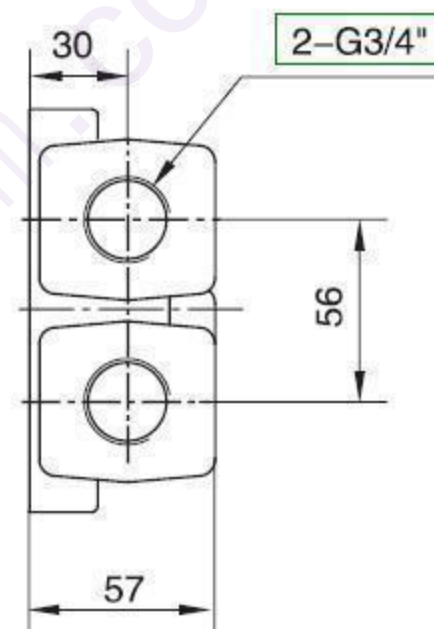
Code of shaft	Dia. of axle	Shaft parameter	
Code-I	Φ60	6-48×42×12	



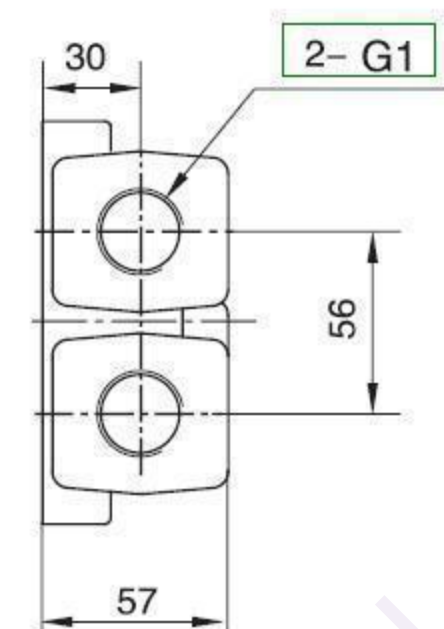
Oil distributor



D31



D310



Parameters

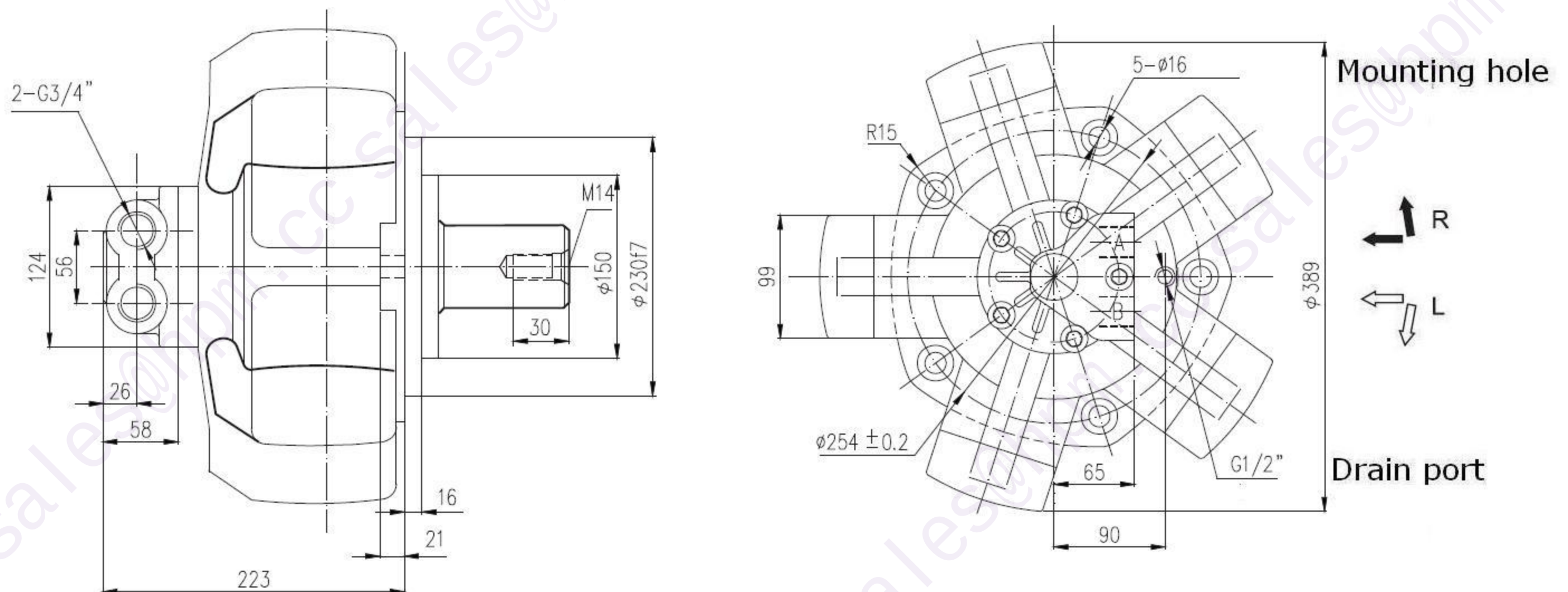
TYPE	Displacement (ml/r)	Pressure (Mpa)		Torque (N.m)		Speed range (r/min)	Max.cont.Power (r/min)	Weight (kg)
		peak pressure	cont. pressure	Rate torque	Theoric Torque			
IAM-200-H2	199	32	25	736	29	8-630	37	36
IAM-250-H2	254	32	25	949	40	8-630	40	36
IAM-300-H2	289	25	20	864	46	6-500	40	36
IAM-350-H2	351	25	20	1040	55	6-400	40	36
IAM-400-H2	397	20	16	949	63	6-400	40	36

IAM H3 Series Radial piston motor



Other popular name : NHM/IHM/JMDG-6

Installation



Shaft Selection

Spline shaft

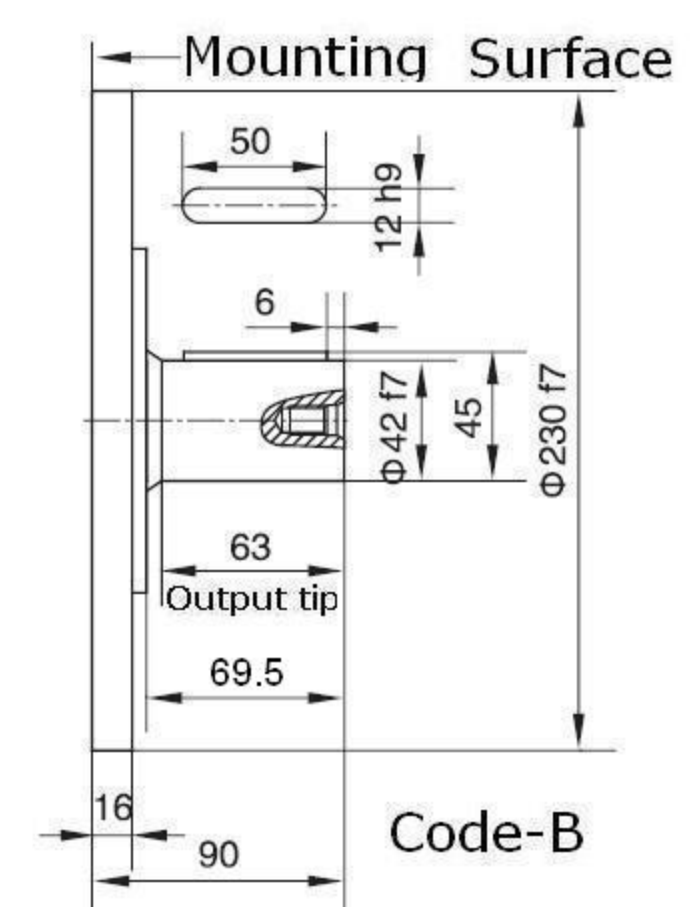
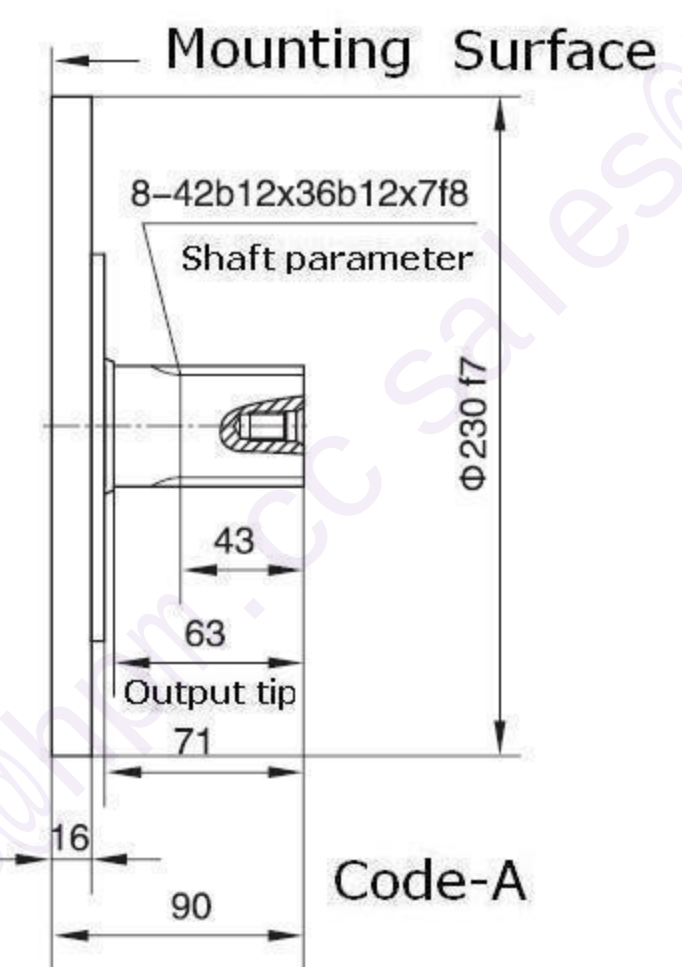
(mm)

Code of shaft	Dia. of axle	Shaft parameter	Output tip length
Code-A	$\phi 42$	8-42 $\times$ 36 $\times$ 7	63
Code-A1	$\phi 40$	8-40 $\times$ 35 $\times$ 7	80
Code-A2	$\phi 38$	8-38 $\times$ 32 $\times$ 8	80
Code-A3	$\phi 46$	8-46 $\times$ 42 $\times$ 8	63
Code-A4	$\phi 48$	8-48 $\times$ 42 $\times$ 8	63
Code-A5	$\phi 50$	8-50 $\times$ 46 $\times$ 9	120

Key shaft

(mm)

Code of shaft	Dia. of axle	Shaft parameter	Output tip length
Code-B	$\phi 42$	12 $\times$ 50	63
Code-B1	$\phi 40$	12 $\times$ 70	84
Code-B2	$\phi 50$	14 $\times$ 50	79
Code-B3	$\phi 38$	10 $\times$ 45	80
Code-B4	$\phi 50$	14 $\times$ 70	86
Code-B5	$\phi 40$	12 $\times$ 70	84



IAM H3 Series Radial piston motor



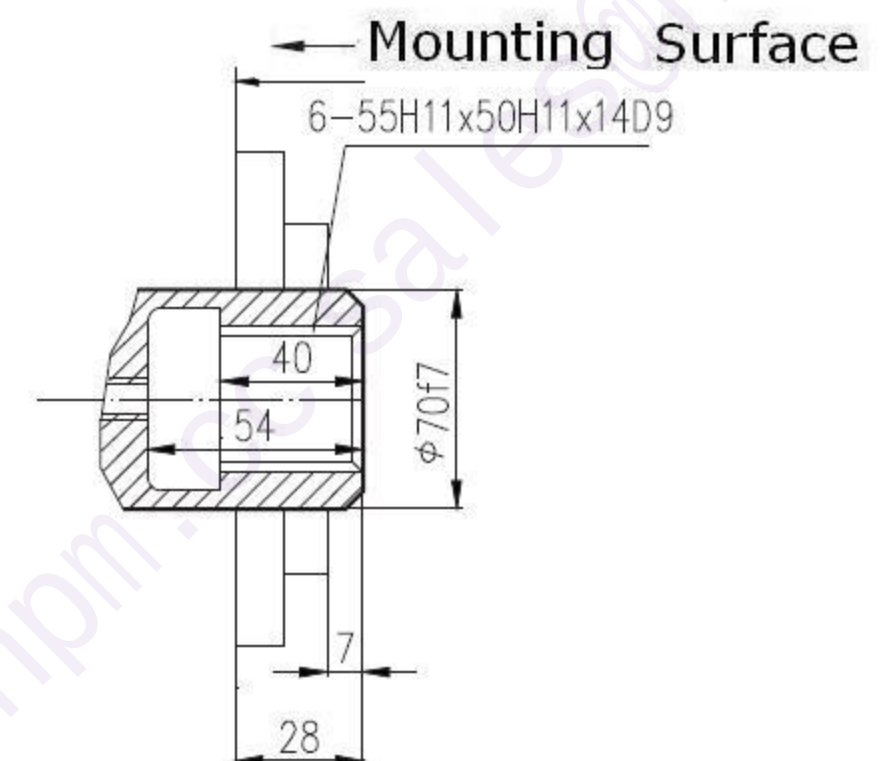
Other popular name : NHM/IHM/JMDG-6

Shaft Selection

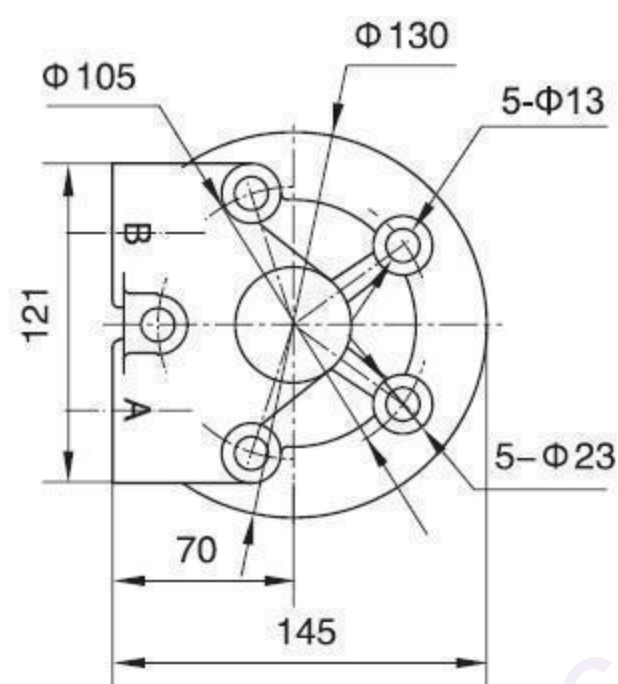
Female spline shaft

(mm)

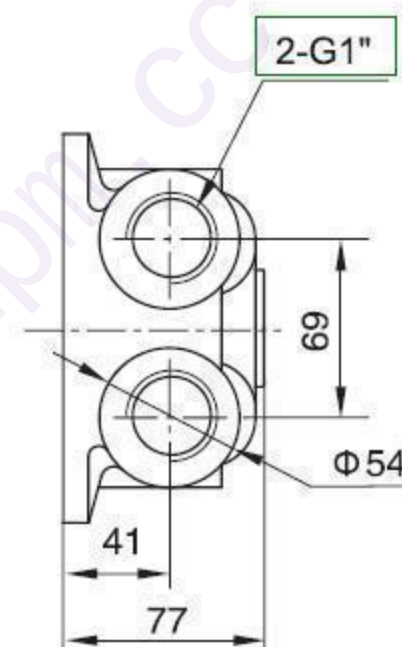
Code of shaft	Dia. of axle	Shaft parameter	
Code-I	Φ75	6-55×50×14	



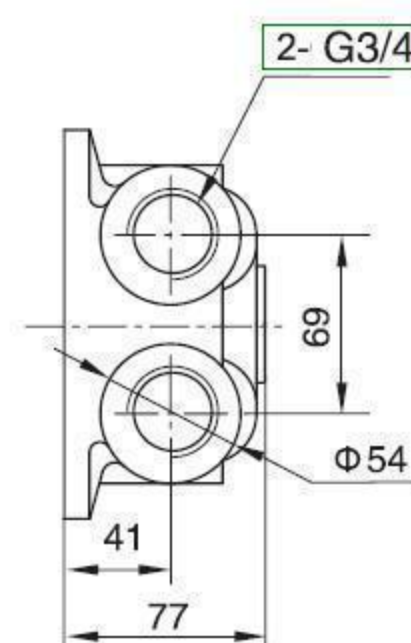
Oil distributor



D40



D401



Parameters

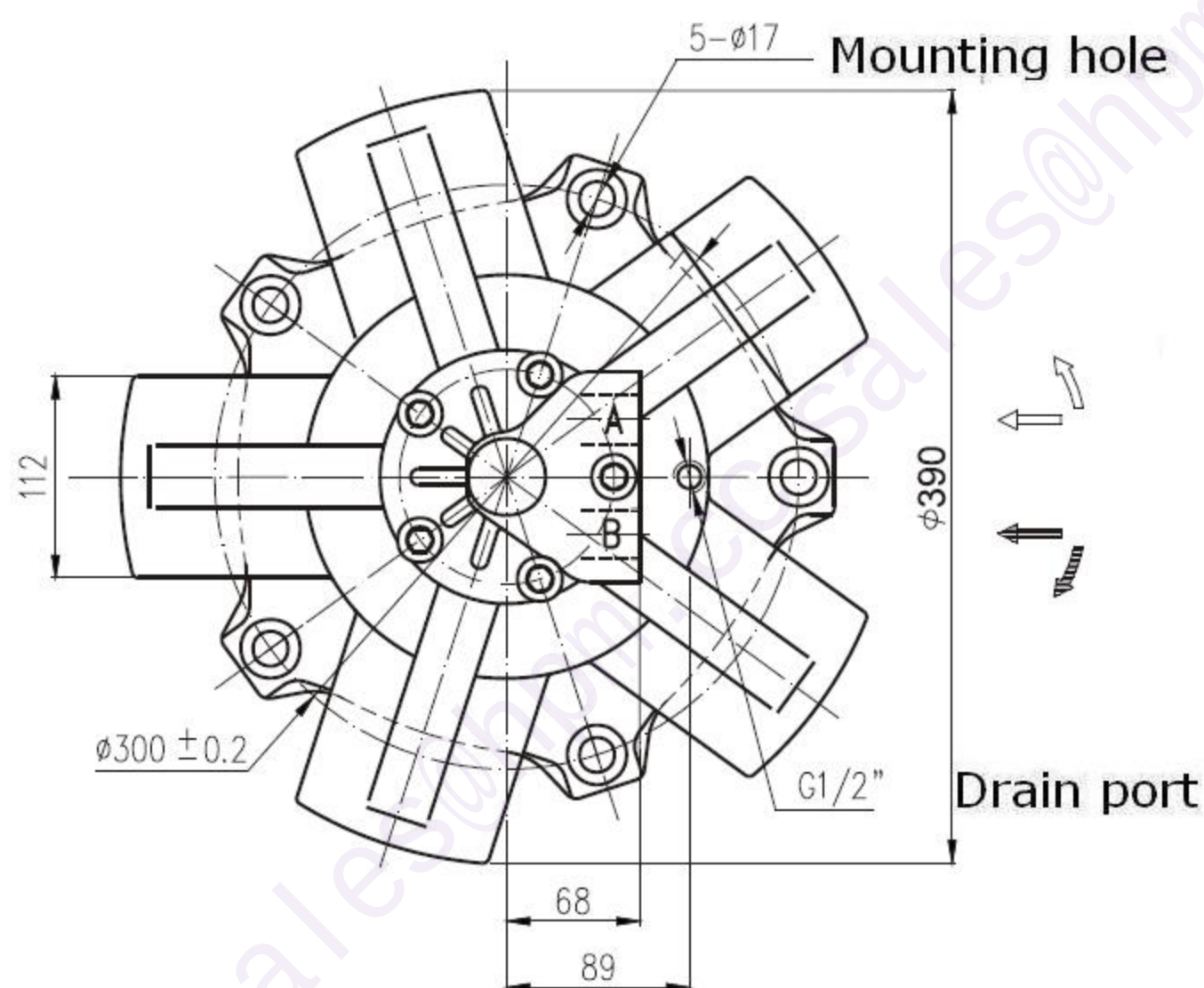
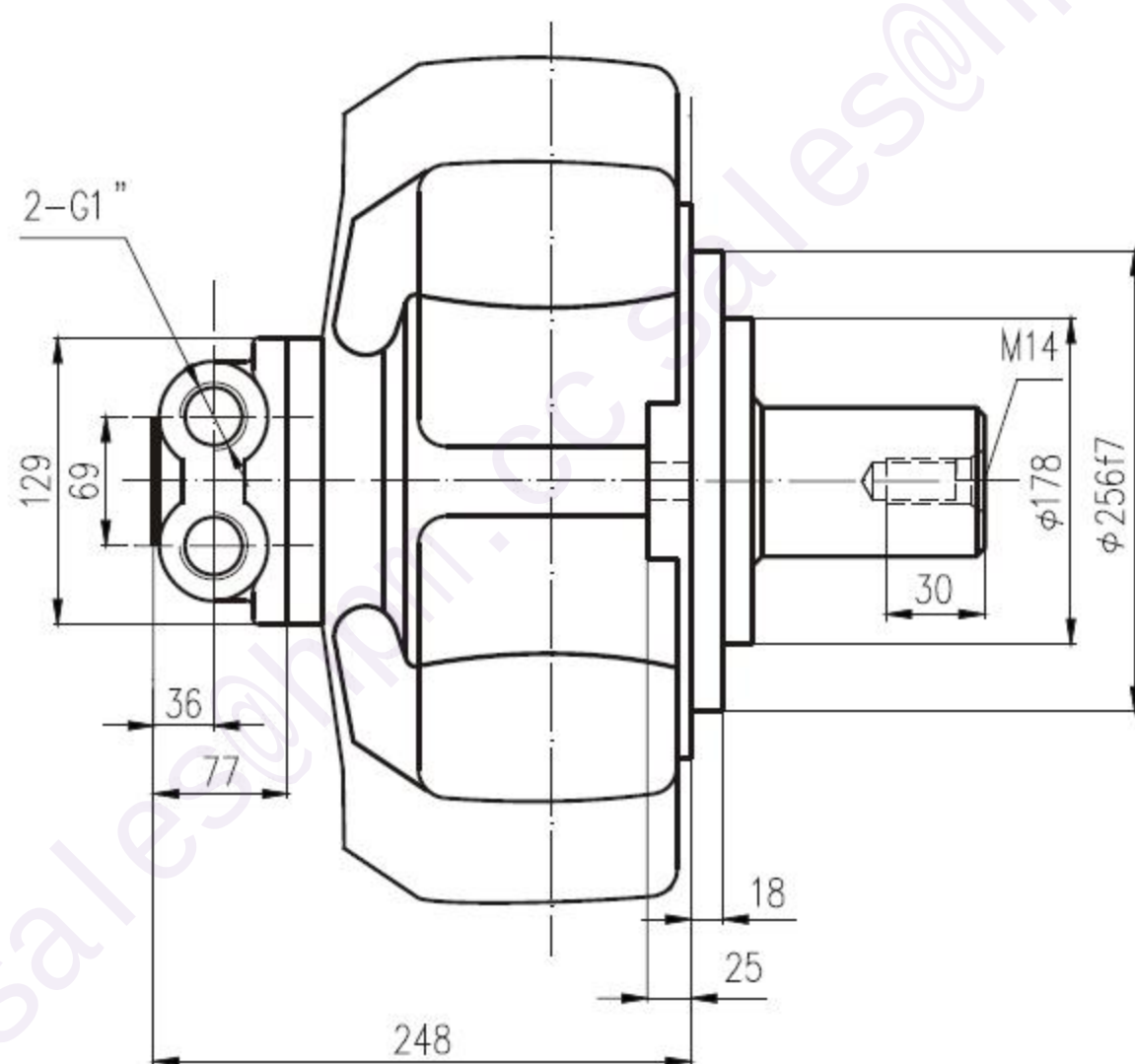
TYPE	Displacement (ml/r)	Pressure(Mpa)		Torque(N.m)		Speed range (r/min)	Max.cont. Power (r/min)	Weight (kg)
		peak pressure	cont. pressure	Rate torque	Theoric Torque			
IAM-400-H3	397	32	25	1483	63	5-630	60	65
IAM-450-H3	452	32	25	1638	72	5-630	63	65
IAM-500-H3	491	25	20	1463	78	5-500	62	65
IAM-600-H3	594	25	20	1775	94	4-500	65	65
IAM-700-H3	683	20	16	1633	103	4-400	65	65
IAM-800-H3	754	20	16	1785	112	4-320	65	65

IAM H34 Series Radial piston motor



Other popular name : NHM/IHM/JMDG-8

Installation



Shaft Selection

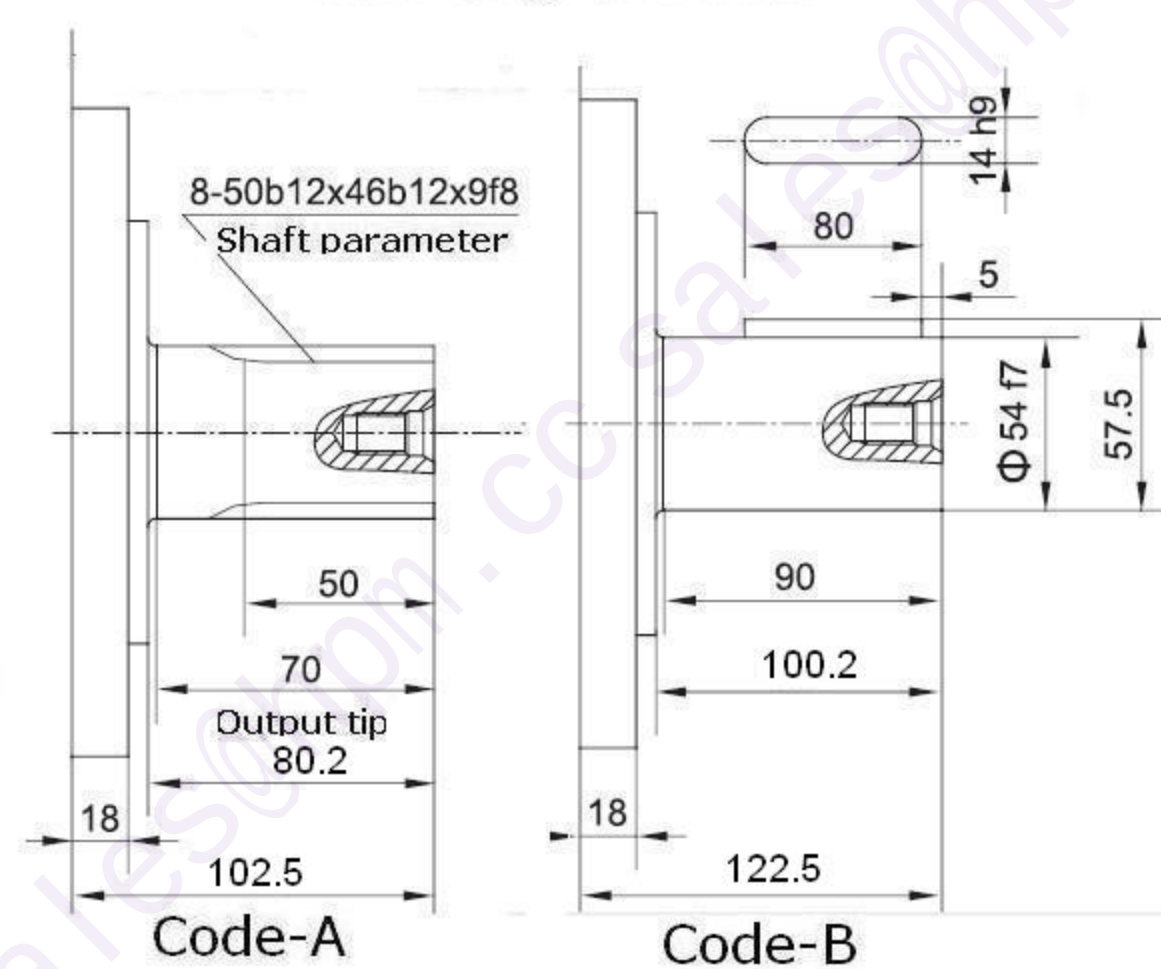
Spline shaft (mm)

Code of shaft	Dia. of axle	Shaft parameter	Output tip length
Code-A	Φ50	8-50×46×9	74
Code-A1	Φ50	8-50×46×9	70

Key shaft (mm)

Code of shaft	Dia. of axle	Shaft parameter	Output tip length
Code-B	Φ54	14×80	90

Mounting Surface



Parameters

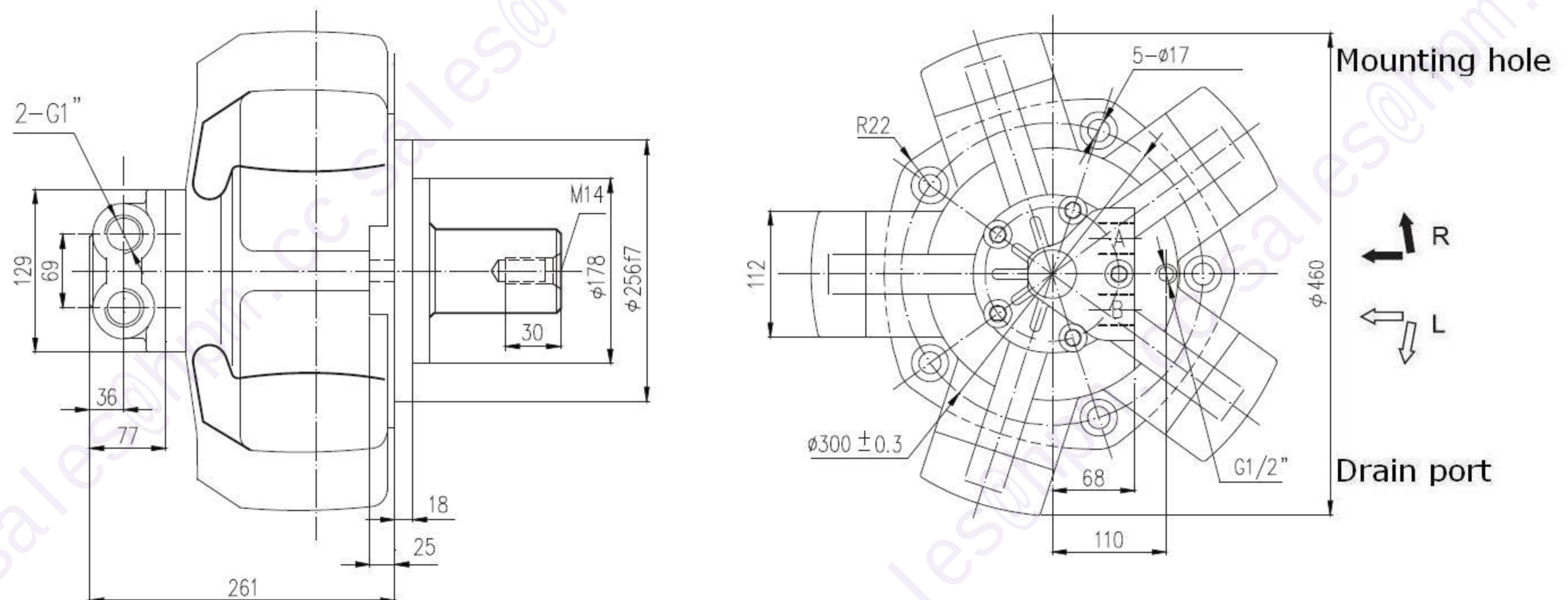
TYPE	Displacement (ml/r)	Pressure(Mpa)		Torque(N.m)		Speed range (r/min)	Max.cont. Power (r/min)	Weight (kg)
		peak pressure	cont. pressure	Rate torque	Theoric Torque			
IAM-600-H34	617	32	25	2282	91	4-500	70	71
IAM-700-H34	710	32	25	2626	105	4-400	70	71
IAM-800-H34	810	25	20	2396	120	4-400	65	71
IAM-900-H34	889	25	20	2629	131	3-350	65	71
IAM-1000-H34	1000	20	16	2366	148	3-300	65	71

IAM H4 Series Radial piston motor



Other popular name : NHM/IHM/JMDG-11

Installation

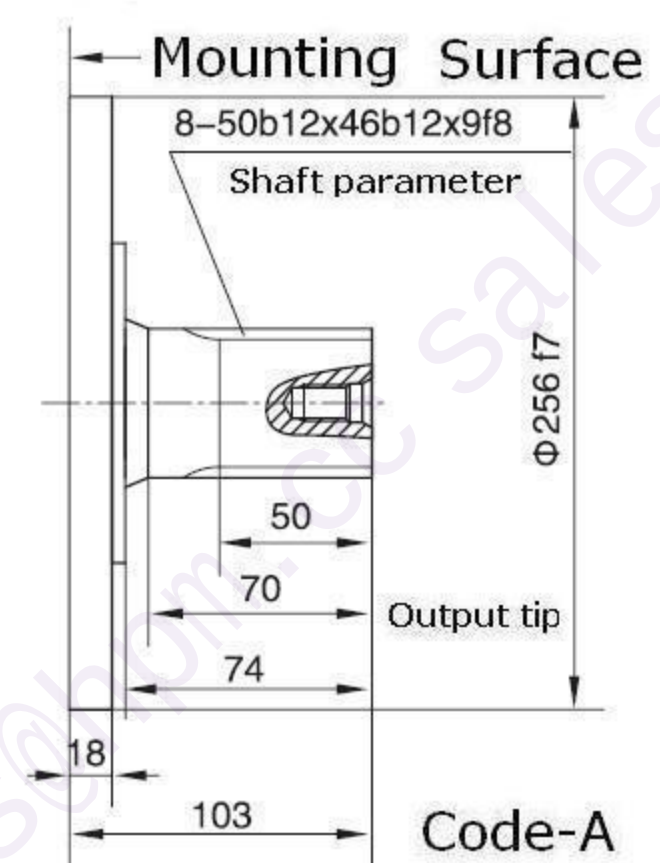


Shaft Selection

Spline shaft

(mm)

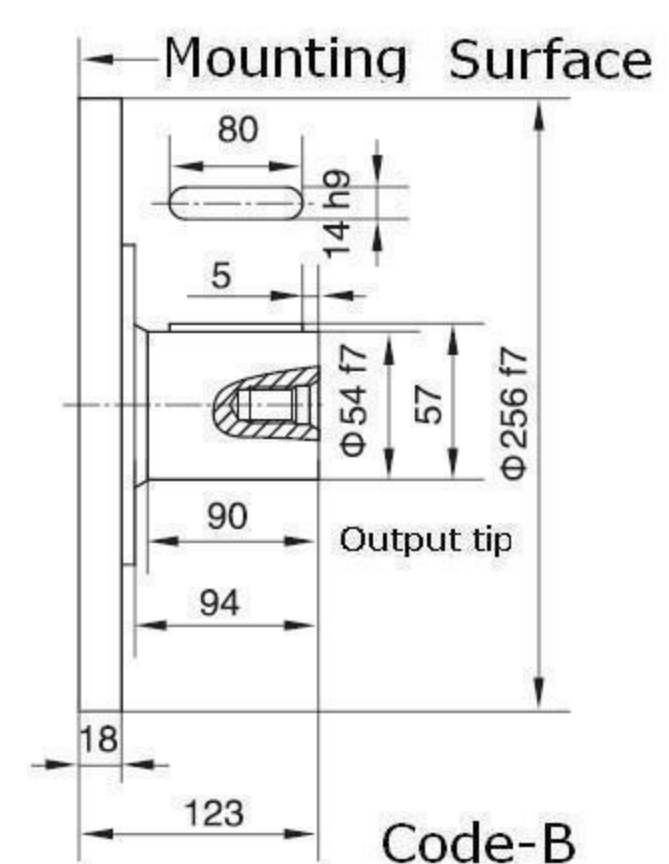
Code of shaft	Dia. of axle	Shaft parameter	Output tip length
Code-A	Φ50	8-50×46×9	70
Code-A1	Φ42	8-42×36×7	90
Code-A2	Φ54	8-54×46×9	72
Code-A3	Φ65	8-65×56×10	80



Key shaft

(mm)

Code of shaft	Dia. of axle	Shaft parameter	Output tip length
Code-B	Φ54	14×80	90
Code-B1	Φ70	20×80	107
Code-B2	Φ63	18×50	140
Code-B3	Φ60	18×80	90
Code-B4	Φ50	14×70	82
Code-B5	Φ50	18×95	140
Code-B6	Φ60	18×95	111
Code-B7	Φ65	18×121	126



IAM H4 Series Radial piston motor



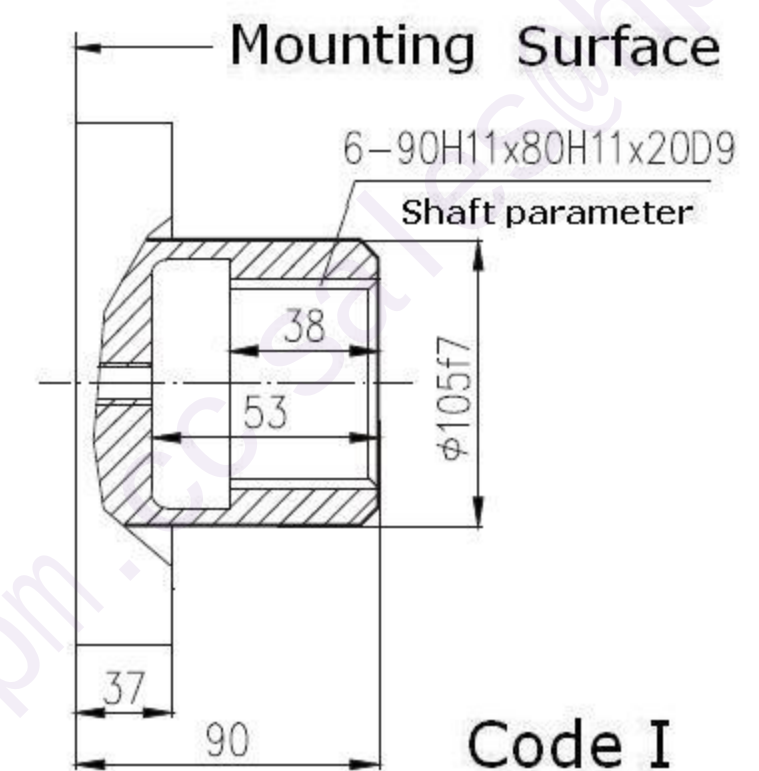
Other popular name : NHM/IHM/JMDG-11

Shaft Selection

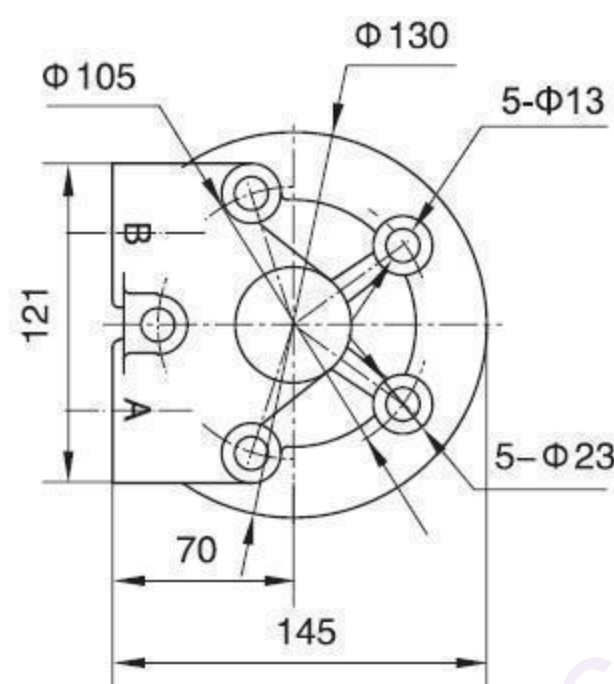
Female spline shaft

(mm)

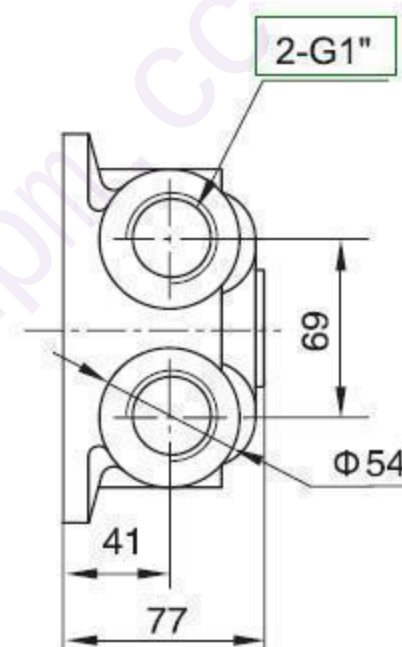
Code of shaft	Dia. of axle	Shaft parameter	
Code-I	Φ105	6-90×80×20	



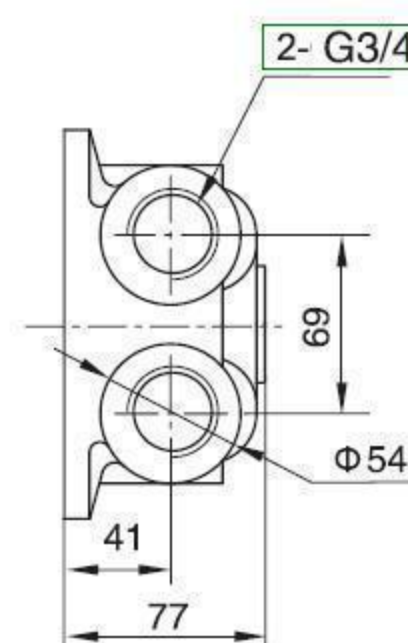
Oil distributor



D40



D401



Parameters

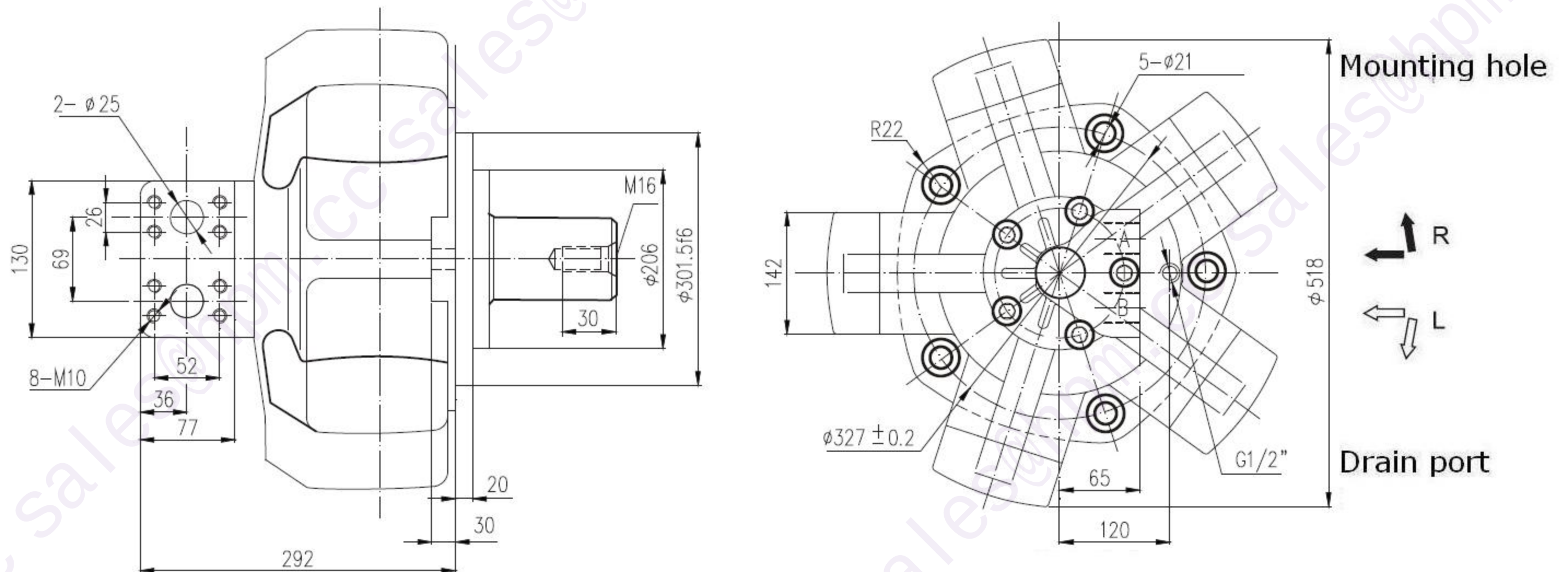
TYPE	Displacement (ml/r)	Pressure(Mpa)		Torque(N.m)		Speed range (r/min)	Max.cont.Power (r/min)	Weight (kg)
		peak pressure	cont. pressure	Rate torque	Theoric Torque			
IAM-700-H4	714	32	25	2667	114	4-400	80	90
IAM-800-H4	782	32	25	2959	120	4-400	80	90
IAM-1000-H4	995	25	20	2974	158	3-320	85	90
IAM-1100-H4	1116	25	20	3336	177	3-320	85	90
IAM-1200-H4	1175	25	20	3512	187	3-320	85	90
IAM-1300-H4	1296	20	16	3080	206	3-250	80	90

IAM H5 Series Radial piston motor



Other popular name : NHM/IHM/JMDG-16

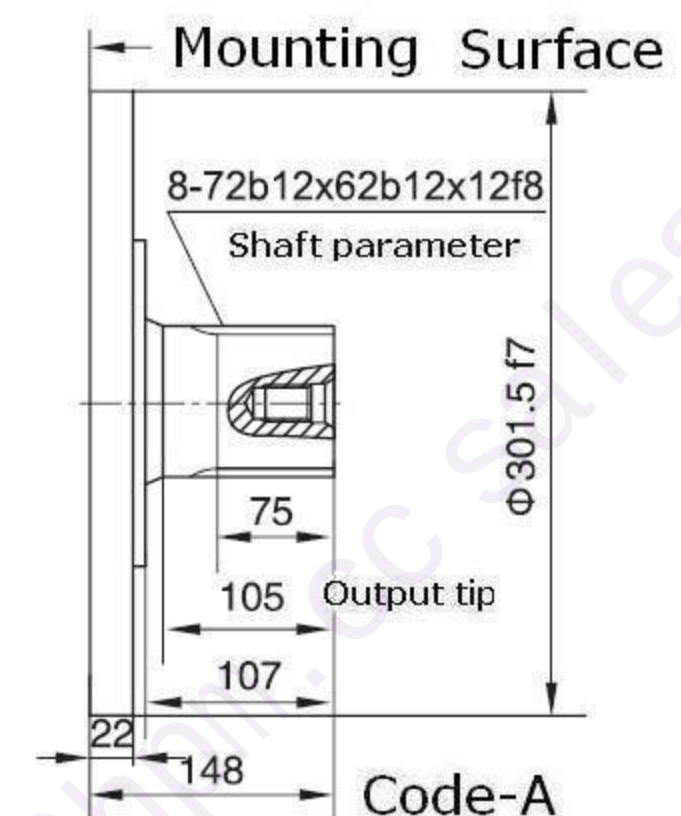
Installation



Shaft Selection

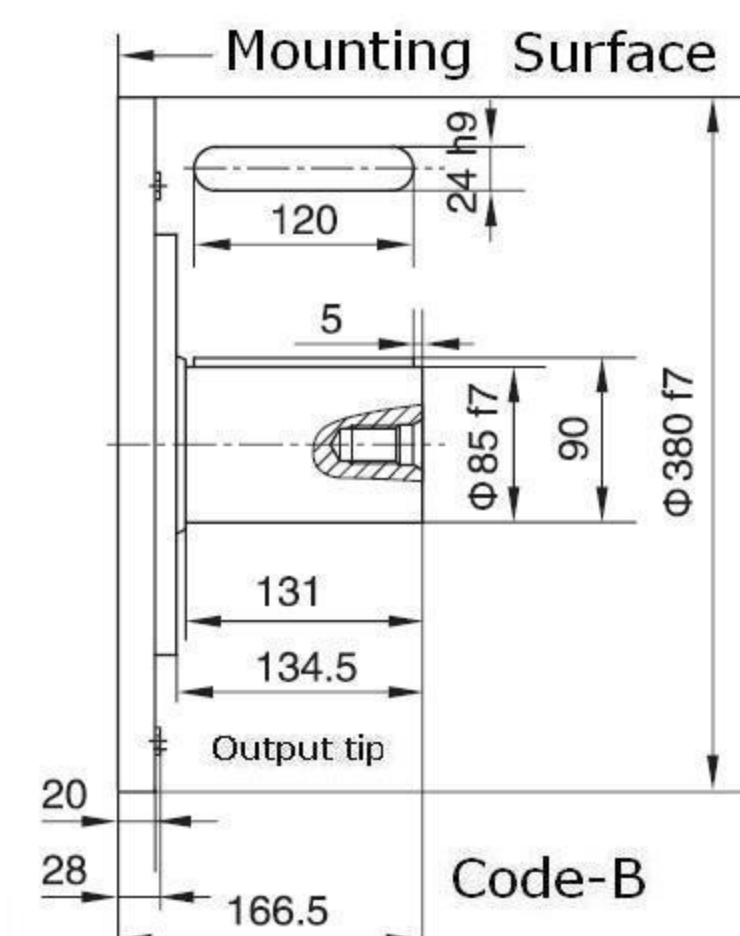
Spline shaft (mm)

Code of shaft	Dia. of axle	Shaft parameter	Output tip length
Code-A	Φ72	8-72×62×12	88
Code-A1	Φ65	8-65×56×10	80
Code-A2	Φ82	10-82×72×12	107
Code-A3	Φ50	8-50×46×9	85
Code-A4	Φ72	8-72×62×12	93
Code-A5	Φ68	8-68×62×12	105
Code-A6	Φ72	8-72×62×12	70



Key shaft (mm)

Code of shaft	Dia. of axle	Shaft parameter	Output tip length
Code-B	Φ72	18×100	110
Code-B1	Φ60	18×100	110
Code-B2	Φ80	24×110	107
Code-B3	Φ95	25×100	129
Code-B4	Φ75	24×115	120
Code-B5	Φ54	14×80	110
Code-B6	Φ60	18×95	123
Code-B7	Φ80	24×80	95



IAM H5 Series Radial piston motor



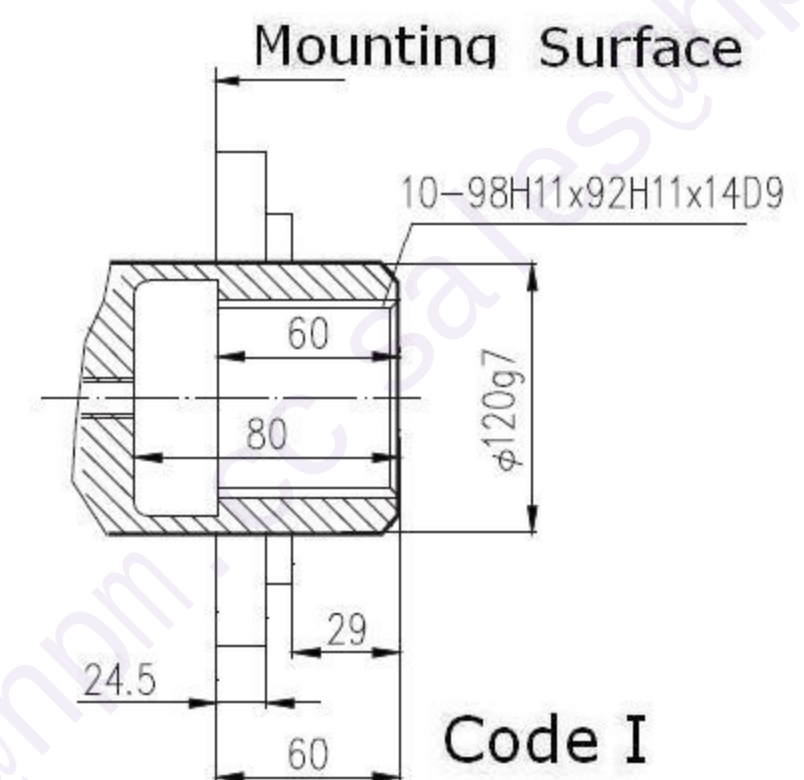
Other popular name : NHM/IHM/JMDG-16

Shaft Selection

Female spline shaft

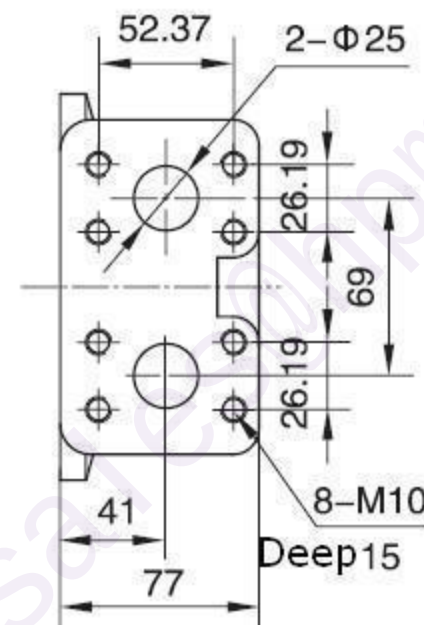
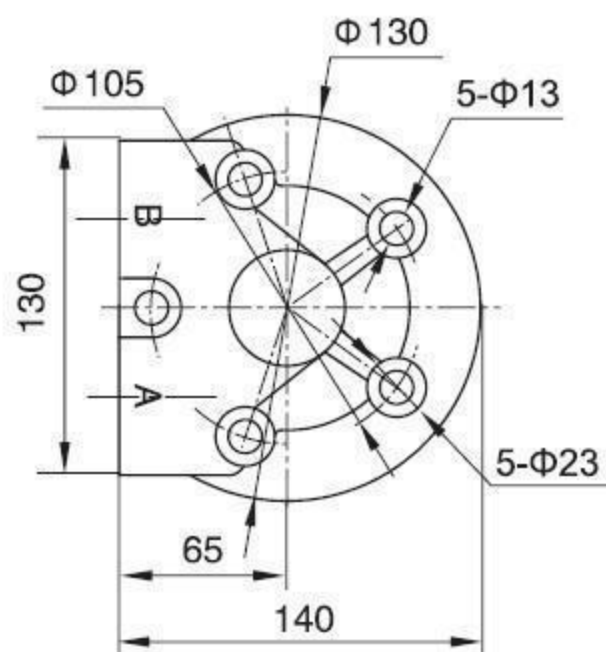
(mm)

Code of shaft	Dia. of axle	Shaft parameter	
Code-I	Φ120	10-98×92×14	

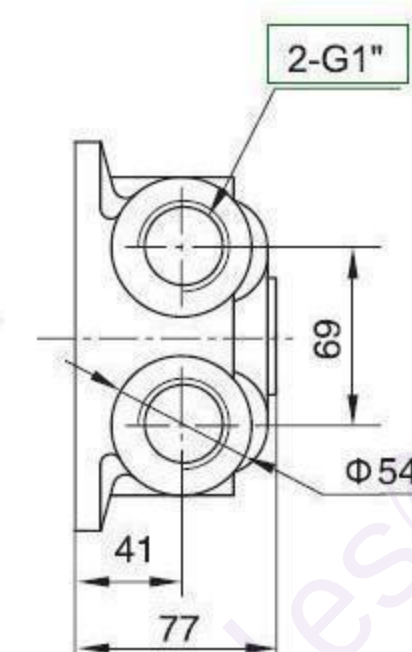
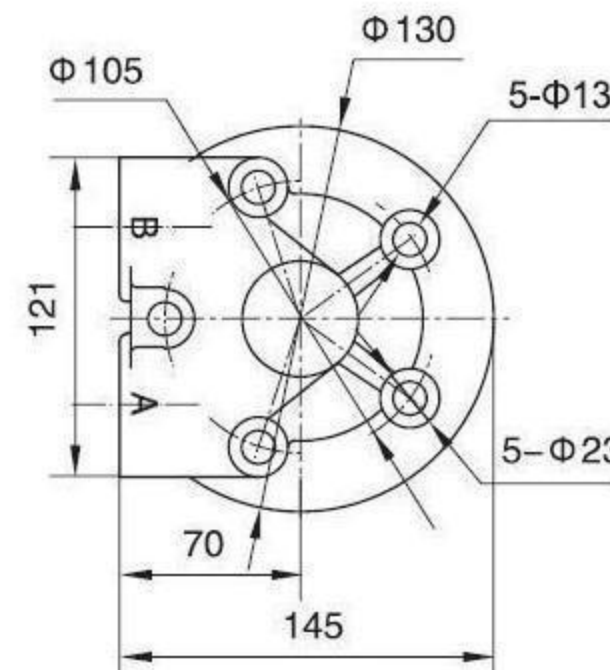


Oil distributor

D47



D40



Parameters

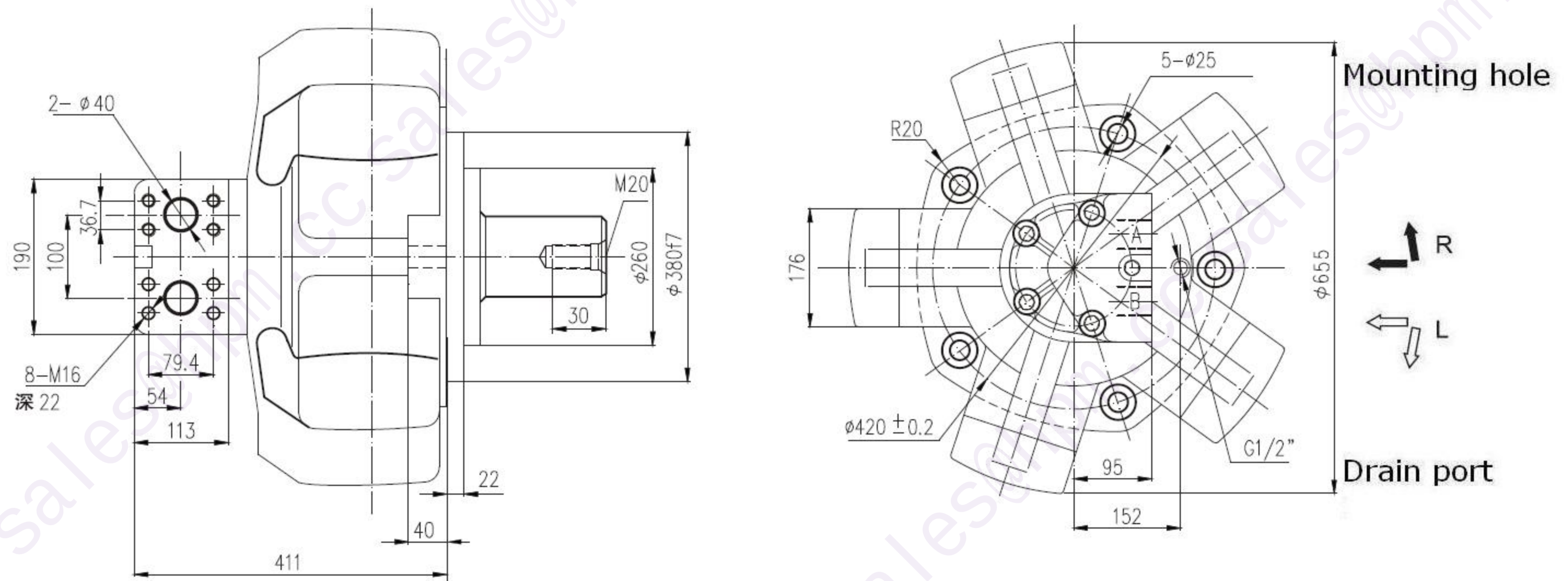
TYPE	Displacement (ml/r)	Pressure(Mpa)		Torque(N.m)		Speed range (r/min)	Max.cont. Power (r/min)	Weight (kg)
		peak pressure	cont. pressure	Rate torque	Theoric Torque			
IAM-1400-H5	1375	32	25	5138	210	2-400	100	160
IAM-1600-H5	1648	32	25	6158	262	2-320	110	160
IAM-1800-H5	1814	25	20	5433	283	2-320	110	160
IAM-2000-H5	2034	25	20	6030	323	2-250	110	160
IAM-2400-H5	2412	20	16	5763	384	2-250	97	160

IAM H6 Series Radial piston motor



Other popular name : NHM/IHM/JMDG-31

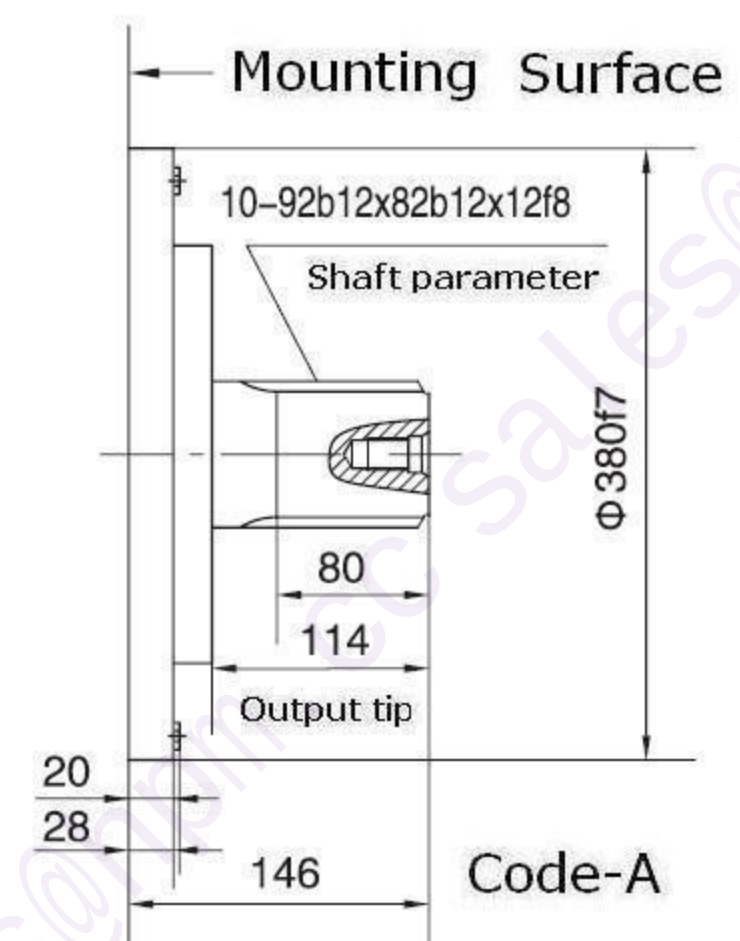
Installation



Shaft Selection

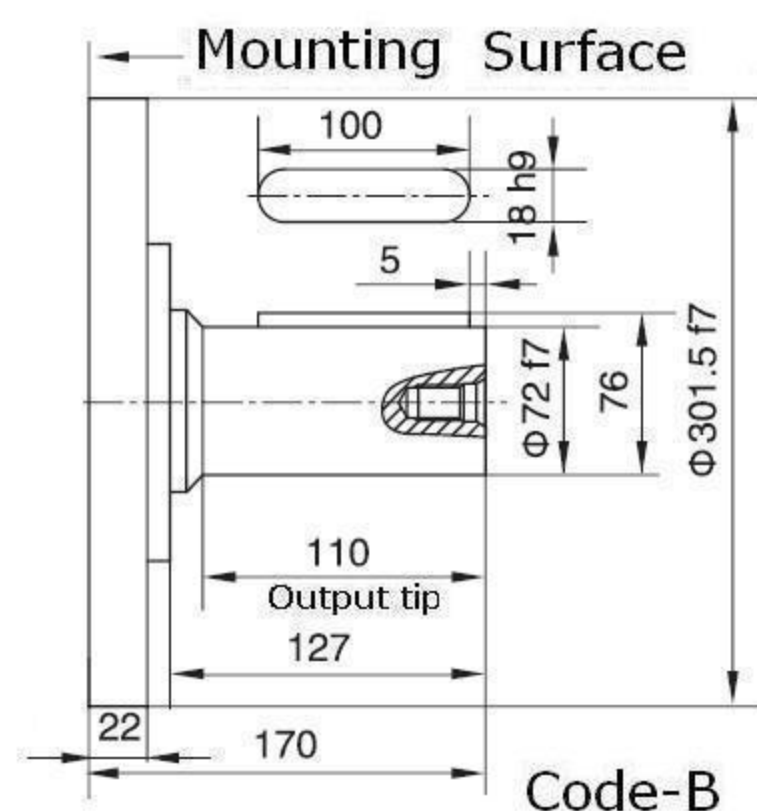
Spline shaft (mm)

Code of shaft	Dia. of axle	Shaft parameter	Output tip length
Code-A	Φ92	10-92×82×12	110
Code-A1	Φ88	10-88×80×12	95
Code-A2	Φ82	10-82×72×12	112
Code-A3	Φ92	10-92×82×12	119.5



Key shaft (mm)

Code of shaft	Dia. of axle	Shaft parameter	Output tip length
Code-B	Φ85	24×120	131
Code-B1	Φ101.5	25.4×145	180
Code-B2	Φ85	24×90	120
Code-B3	Φ101.6	25.4×145	108
Code-B4	Φ85	24×140	149



IAM H6 Series Radial piston motor



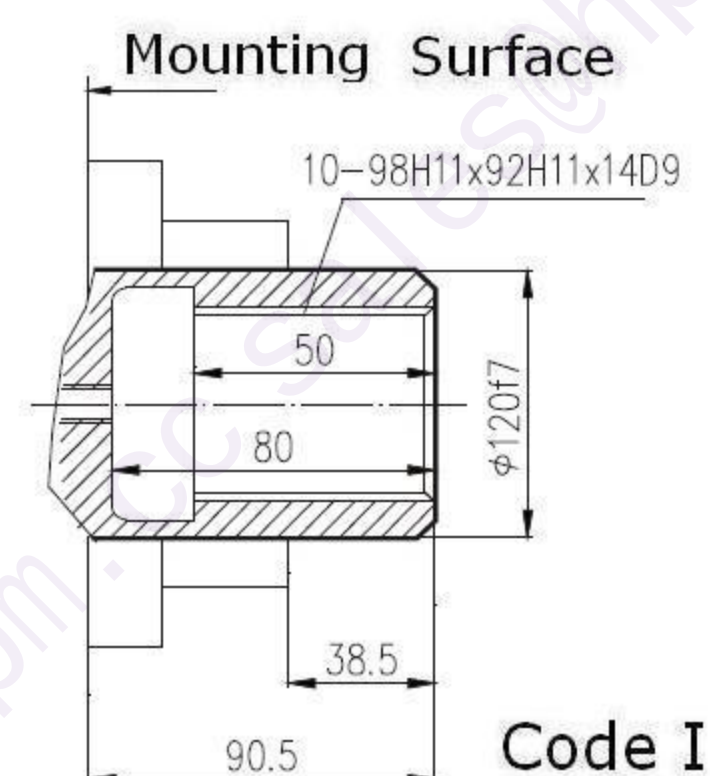
Other popular name : NHM/IHM/JMDG-31

Shaft Selection

Female spline shaft

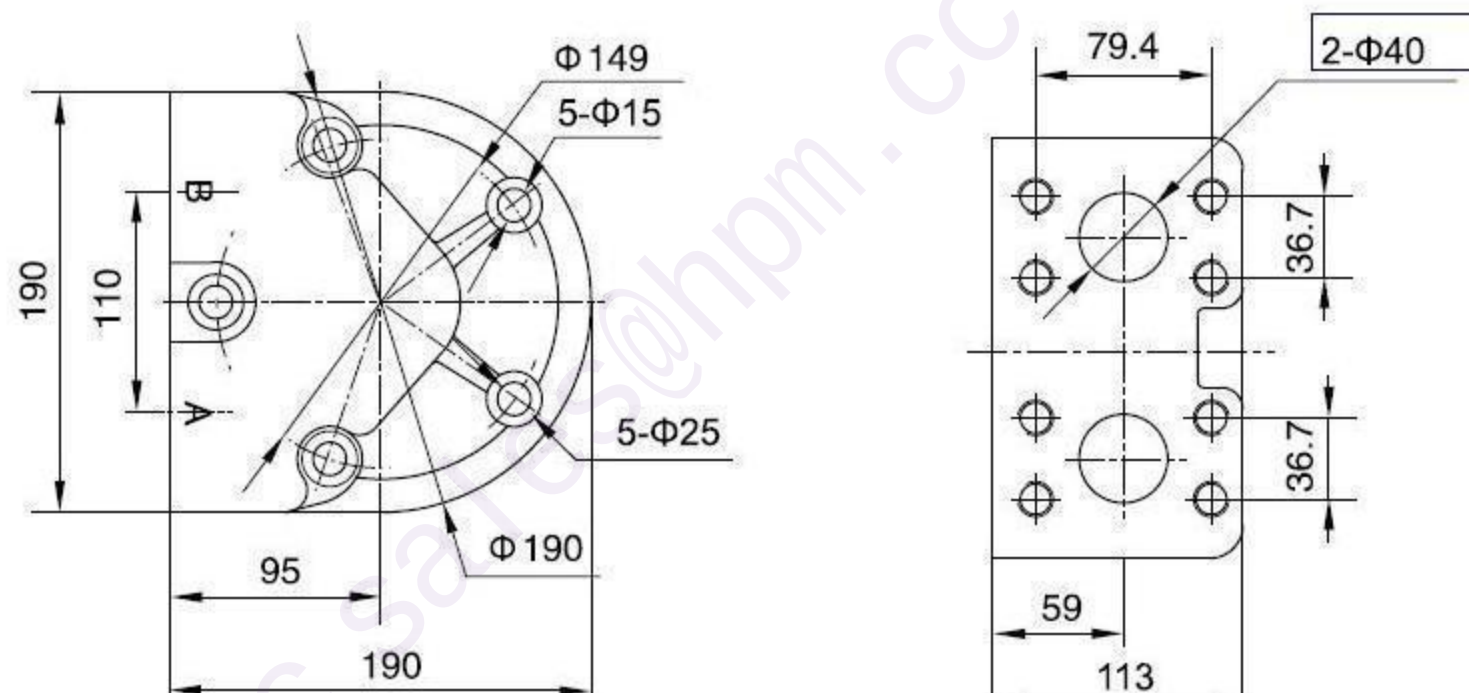
(mm)

Code of shaft	Dia. of axle	Shaft parameter	
Code-I	Φ120	10-98×92×14	
Code-I1	Φ150	10-98×92×14	



Oil distributor

D90



Parameters

TYPE	Displacement (ml/r)	Pressure(Mpa)		Torque(N.m)		Speed range (r/min)	Max.cont. Power (r/min)	Weight (kg)
		peak pressure	cont. pressure	Rate torque	Theoric Torque			
IAM -2500-H6	2550	32	25	9523	405	1-200	150	325
IAM -2800-H6	2826	32	25	10559	443	1-200	150	325
IAM -3000-H6	3050	25	20	9135	485	1-200	140	325
IAM -3150-H6	3142	25	20	9392	500	1-200	140	325
IAM -3500-H6	3419	25	20	10220	544	1-200	140	325
IAM -4000-H6	4170	25	20	12841	665	1-160	130	325
IAM -4500-H6	4522	20	16	10698	669	1-160	130	325
IAM -5000-H6	5190	20	16	12387	825	1-160	130	325