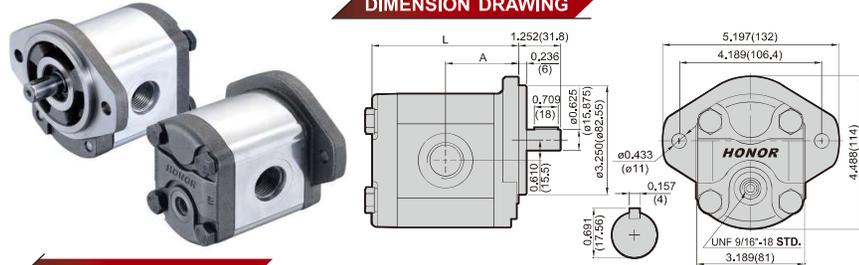


2M SERIES | BI-DIRECTIONAL PUMPS / MOTORS

DIMENSION DRAWING



ORDERING EXAMPLE

2 **M** **M** **1** **U**

SERIES TYPE FLANGE SHAFT PORT DISPL. OIL DRAINING

If the displacement you need is 0.98 c.i.r and the rotation is right-hand turning with external drainage,
the correct model number for PO is: **2MMIU16 - E**
* Attention: When choosing external oil drainage, please do not clog the rear oil drainage port

E : External Drainage
I : Internal Drainage
V : With one-way valve
(External drainage)

TECHNICAL DATA

MODEL	DISPLACEMENT		PRESSURE psi(MPa)		RPM	DIMENSIONS inch(mm)			WEIGHT	
	c.i.r	cm ³ /r	CONTINUOUS	MAX.		A	L	Kg	LBS	
04	0.24	4.0	3500(25)	4200(30)	600	1.658(42.1)	3.323(84.4)	3.23	7.11	
05	0.30	5.0	3500(25)	4200(30)		1.687(42.9)	3.382(85.9)	3.27	7.19	
06	0.38	6.2	3500(25)	4200(30)		1.717(43.6)	3.441(87.4)	3.32	7.30	
07	0.43	7.0	3500(25)	4200(30)		1.746(44.4)	3.500(88.9)	3.36	7.39	
08	0.52	8.4	3500(25)	4200(30)		1.796(45.6)	3.598(91.4)	3.41	7.50	
09	0.58	9.5	3500(25)	4200(30)		1.825(46.4)	3.657(92.9)	3.45	7.59	
11	0.69	11.3	3500(25)	4200(30)		1.884(47.9)	3.778(95.9)	3.53	7.77	
14	0.85	14.0	3500(25)	4200(30)		1.963(49.9)	3.933(99.9)	3.64	8.01	
16	0.98	16.0	3500(25)	4200(30)		2.002(51.4)	4.051(102.9)	3.74	8.23	
18	1.10	18.0	3500(25)	4200(30)		2.081(52.9)	4.169(105.9)	3.80	8.36	
20	1.20	19.5	3300(23)	3800(27)	2.160(54.9)	4.327(109.9)	3.89	8.56		
22	1.31	21.5	3000(21)	3500(25)	2.180(55.4)	4.366(110.9)	3.96	8.71		
24	1.44	23.5	2550(18)	3100(22)	2.258(57.4)	4.524(114.9)	4.01	8.82		
26	1.53	25.0	2550(18)	3100(22)	2.317(58.9)	4.642(117.9)	4.10	9.02		
28	1.71	28.0	2300(16)	2700(19)	2.396(60.9)	4.799(121.9)	4.19	9.22		
30	1.84	30.0	2100(15)	2550(18)	2.475(62.9)	4.957(125.9)	4.30	9.46		
33	2.02	33.0	2000(14)	2300(16)	2.554(64.9)	5.114(129.9)	4.41	9.70		

* For revolving speed lower than 600RPM/higher than 2500RPM or any special conditions, please contact HONOR.

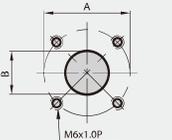
PORTS

UNF \ PT \ NPT \ BSPF				REAR PORT	
Code	From "04" to "22"	From "24" to "33"		Code	From "04" to "33"
	INLET & OUTLET	INLET & OUTLET	INLET & OUTLET		INLET & OUTLET
U	UNF#12 1-1/16"-12	UNF#16 1-5/16"-12	UNF#16 1-5/16"-12	Z	UNF#16 1-5/16"-12
P	PT 3/4"	PT 1"	PT 1"	Y	PT 1"
N	NPT 3/4"	NPT 1"	NPT 1"	W	BSPF 1"
B	BSPF 3/4"	BSPF 1"	BSPF 1"		

* For flange and shaft spec, please refer to 2G series.

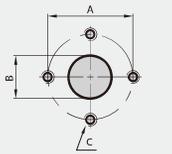
PORTS

FLANGE (SQUARE)



Code	From "04" to "33"
F	INLET & OUTLET
	A B
	ø1,575 (ø40) ø0,787 (ø20)

FLANGE (DIAMOND)



Code	From "04" to "09"	From "11" to "33"
E	INLET & OUTLET	INLET & OUTLET
	A B C	A B C
	ø1,181 (ø30) ø0,512 (ø13) M6 x 1,0P	ø1,575 (ø40) ø0,748 (ø19) M8 x 1,25P

2V SERIES | GEAR PUMPS WITH RELIEF VALVE



ORDERING EXAMPLE

2 **V** **G** **1** **U** **R/L**

SERIES TYPE FLANGE SHAFT PORT DISPL. ROTATION OIL DRAINING

If the displacement you need is 0.98 c.i.r and the rotation is right-hand turning with external drainage,
the correct model number for PO is: **2VGIU16R - E**

E : External Drainage
I : Internal Drainage

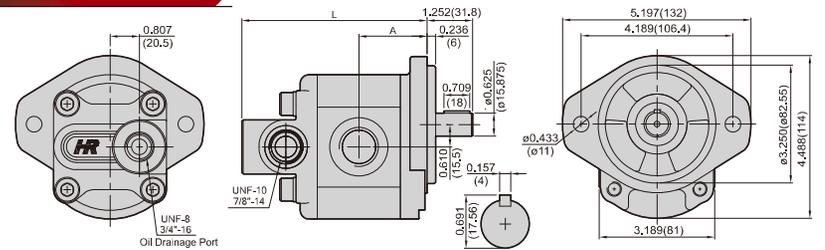
TECHNICAL DATA

MODEL	DISPLACEMENT		PRESSURE psi(MPa)		RPM	DIMENSIONS inch(mm)			WEIGHT	
	c.i.r	cm ³ /r	CONTINUOUS	MAX.		RANGE	A	L	Kg	LBS
04	0.24	4.0	3500(25)	4200(30)	600	1.658(42.1)	4.661(118.4)	3.33	7.33	
05	0.30	5.0	3500(25)	4200(30)		1.687(42.9)	4.720(119.9)	3.37	7.41	
06	0.38	6.2	3500(25)	4200(30)		1.717(43.6)	4.780(121.4)	3.42	7.52	
07	0.43	7.0	3500(25)	4200(30)		1.746(44.4)	4.839(122.9)	3.46	7.61	
08	0.52	8.4	3500(25)	4200(30)		1.796(45.6)	4.937(125.4)	3.51	7.72	
09	0.58	9.5	3500(25)	4200(30)		1.825(46.4)	4.996(126.9)	3.55	7.81	
11	0.69	11.3	3500(25)	4200(30)		1.884(47.9)	5.114(129.9)	3.63	7.99	
14	0.85	14.0	3500(25)	4200(30)		1.963(49.9)	5.272(133.9)	3.74	8.23	
16	0.98	16.0	3500(25)	4200(30)		2.002(51.4)	5.390(136.9)	3.84	8.45	
18	1.10	18.0	3500(25)	4200(30)		2.081(52.9)	5.508(139.9)	3.90	8.58	
20	1.20	19.5	3300(23)	3800(27)	2.160(54.9)	5.665(143.9)	3.99	8.78		
22	1.31	21.5	3000(21)	3500(25)	2.180(55.4)	5.705(144.9)	4.06	8.93		
24	1.44	23.5	2550(18)	3100(22)	2.258(57.4)	5.902(149.9)	4.11	9.04		
26	1.53	25.0	2550(18)	3100(22)	2.317(58.9)	5.980(151.9)	4.21	9.26		
28	1.71	28.0	2300(16)	2700(19)	2.396(60.9)	6.138(155.9)	4.29	9.44		
30	1.84	30.0	2100(15)	2550(18)	2.475(62.9)	6.295(159.9)	4.40	9.68		
33	2.02	33.0	2000(14)	2300(16)	2.554(64.9)	6.453(163.9)	4.51	9.92		

* for lower than 600RPM/higher than 2500RPM or any special conditions, please contact HONOR.

* For flange port, please refer to 2G series

DIMENSION DRAWING



* For flange and shaft spec, please refer to 2G series.