

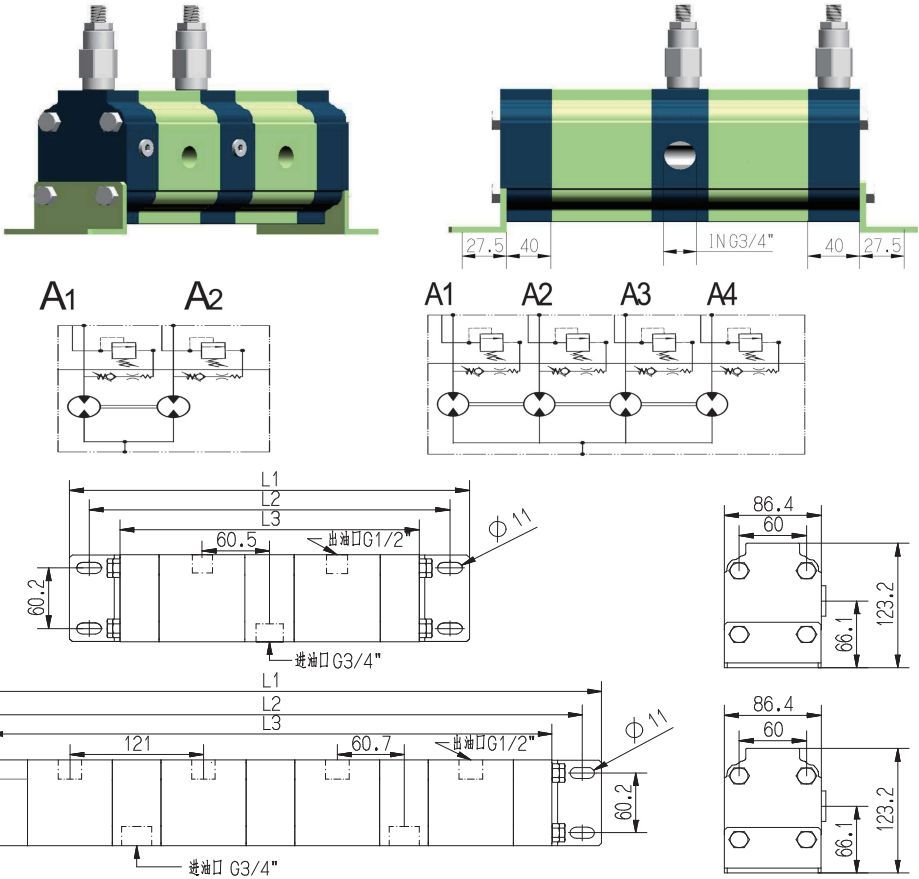
YDMB系列：高精度. 齿轮分流马达

分流马达有两个元素（位移）

YDMB-02 03 04 G/M(螺纹) R(溢流阀)

联数

05 06 07 08 09 10 11 12



型号 Mode	公称排量 Nominal Disptcement	出口 流量960rpm Minimum inlet flow	出口 流量1450rpm Standard inlet flow	出口 流量3000rpm Maximum inlet flow	出口口 最大压力 Maximum Pressure	油口. 螺纹 ports		外形. 尺寸 Dimension (mm)			重量 Weight
	(mL/r)	L/M	L/M	L/M		进油口 oil Inlet	出油口 oil	L1总长	L2脚架长度	L3壳体长度	kg
YDMB-02	10~26	25	37.7	78	31.5MPa	G3/4"	G1/2"	368	333	278	7.3
YDMB-03	10~26	25	37.7	78	31.5MPa	G3/4"	G1/2"	489	454	399	10.5
YDMB-04	10~26	25	37.7	78	31.5MPa	G3/4"	G1/2"	610	575	520	13.7
YDMB-05	10~26	25	37.7	78	31.5MPa	G3/4"	G1/2"	731	696	641	16.9
YDMB-06	10~26	25	37.7	78	31.5MPa	G3/4"	G1/2"	852	817	762	20.1
YDMB-07	10~26	25	37.7	78	31.5MPa	G3/4"	G1/2"	973	938	883	23.3
YDMB-08	10~26	25	37.7	78	31.5MPa	G3/4"	G1/2"	1094	1059	1004	26.5
YDMB-09	10~26	25	37.7	78	31.5MPa	G3/4"	G1/2"	1215	1180	1125	29.7
YDMB-10	10~26	25	37.7	78	31.5MPa	G3/4"	G1/2"	1336	1301	1246	32.9
YDMB-11	10~26	25	37.7	78	31.5MPa	G3/4"	G1/2"	1457	1422	1367	36.1
YDMB-12	10~26	25	37.7	78	31.5MPa	G3/4"	G1/2"	1578	1543	1488	39.3

★ 齿轮同步马达误差分析：在原本压力增加压力1~2MPa后管路损耗计算，流量计算满足，油缸才能同步鼎升

YCM系列:高精度.齿轮分流马达

YCM-02

03

04

联数

05

06

07

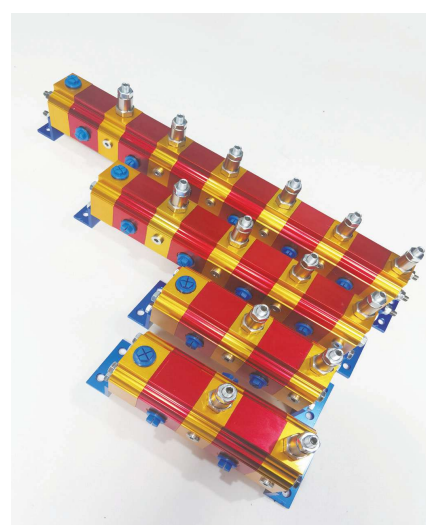
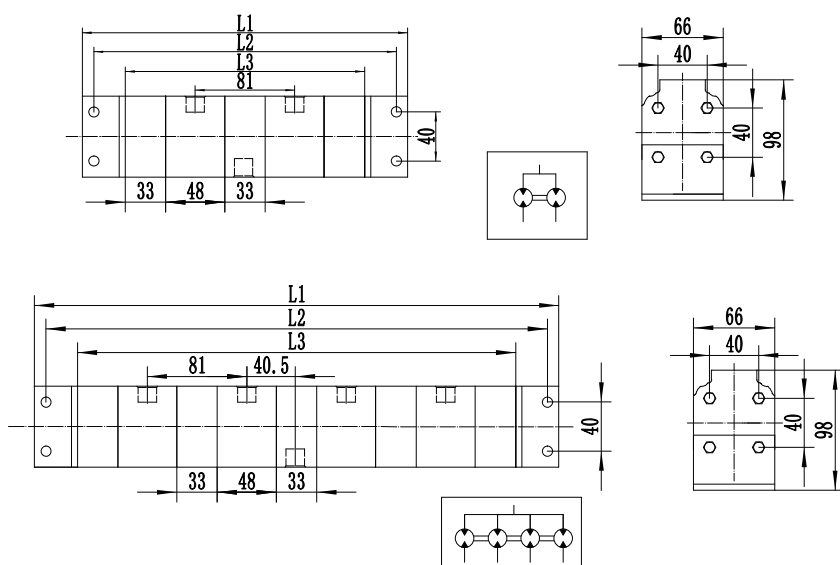
08

09

10

11

12



型号 Model	排量 Disptcement	进口流量 960rpm Minimum inlet flow	进口流量 1460rpm Standard inlet flow	进口流量 3000rpm Maximum inlet flow	出油压力 Maximum pressure	油口.螺纹 Ports		外形 尺寸 Dimension(mm)			
	ml/rev	L/M	L/M	L/M		进油口	出油口	L1总长	L2脚架中心	L3外壳长度	重量/KG
YCM-02G	0.9 ~ 9.8	9.4	14.3	29.4	25MPa	G1/2"	G3/8"	255	229	195	3.05
YCM-03G	0.9 ~ 9.8	9.4	14.3	29.4		G1/2"	G3/8"	336	310	276	4.25
YCM-04G	0.9 ~ 9.8	9.4	14.3	29.4		G1/2"	G3/8"	417	391	357	5.45
YCM-05G	0.9 ~ 9.8	9.4	14.3	29.4		G1/2"	G3/8"	498	472	438	6.65
YCM-06G	0.9 ~ 9.8	9.4	14.3	29.4		G1/2"	G3/8"	579	553	519	7.85
YCM-07G	0.9 ~ 9.8	9.4	14.3	29.4		G1/2"	G3/8"	660	634	600	9.05
YCM-08G	0.9 ~ 9.8	9.4	14.3	29.4	25MPa	G1/2"	G3/8"	741	715	681	10.25
YCM-09G	0.9 ~ 9.8	9.4	14.3	29.4		G1/2"	G3/8"	822	796	762	11.45
YCM-10G	0.9 ~ 9.8	9.4	14.3	29.4		G1/2"	G3/8"	903	877	843	12.65
YCM-11G	0.9 ~ 9.8	9.4	14.3	29.4		G1/2"	G3/8"	984	958	924	13.85
YCM-12G	0.9 ~ 9.8	9.4	14.3	29.4		G1/2"	G3/8"	1065	1039	1005	15.2

★ 齿轮同步马达误差分析：在原本压力增加压力1-2MPa后管路损耗计算，流量计算满足，油缸才能同步鼎升

YM 齿轮分流同步马达

YM齿轮同步分流马达适用于车辆检测系统、农用机械设备、大型舞台升降、升降机、大型钢结构、隧道桥梁、精密润滑系统、液压升降平台等。在材料处理和机械设备行业，能为您提供稳定的同步升降方案，使液压多条油缸或平台起到同步升降的效果。

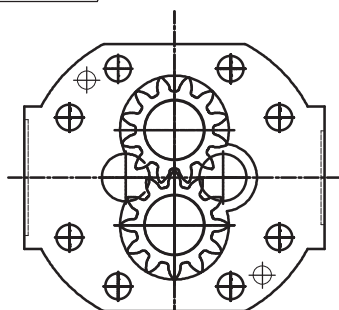
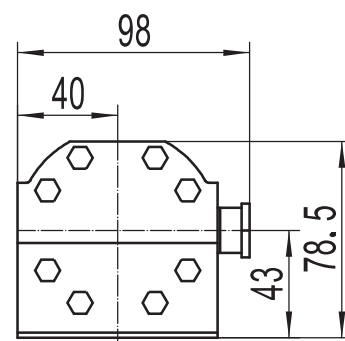
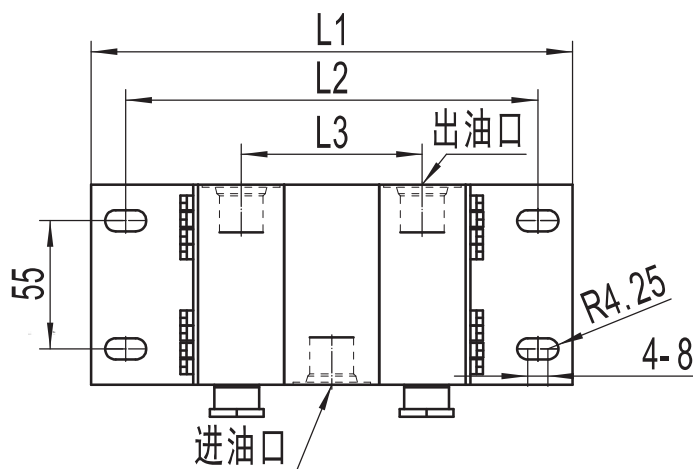
在单个油泵供油系统，可均衡向多条油路分配流量，使大型液压升降系统同时升降。在试用状态下，压力一定不能超过最高压力5MPa，以免速度太快平台危险，待工作平台反复打压平稳后再使用高压，高压可承受28MPa。

YM gear synchronous shunt motor is suitable for vehicle inspection systems, agricultural machinery and equipment, large stage lifts, elevators, large steel structures, tunnels and bridges, precision lubrication systems, hydraulic lifting platforms, etc. In the material handling and mechanical equipment industries, we can provide you with a stable synchronous lifting scheme, so that multiple hydraulic cylinders or platforms can achieve synchronous lifting effects.

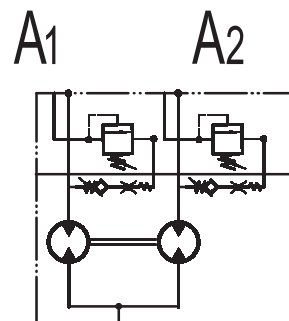
In a single oil pump oil supply system, the flow can be evenly distributed to multiple oil circuits, so that the large hydraulic lifting system can lift at the same time. In the trial state, the pressure must not exceed the maximum pressure of 5MPa, so as to avoid the danger of the platform at too high speed. After the working platform is repeatedly pressed and stabilized, the high pressure can be used. The high pressure can withstand 28MPa.



YM-02 * _ * * * * _ *

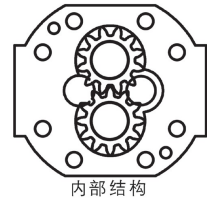
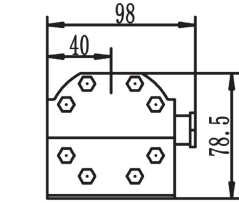
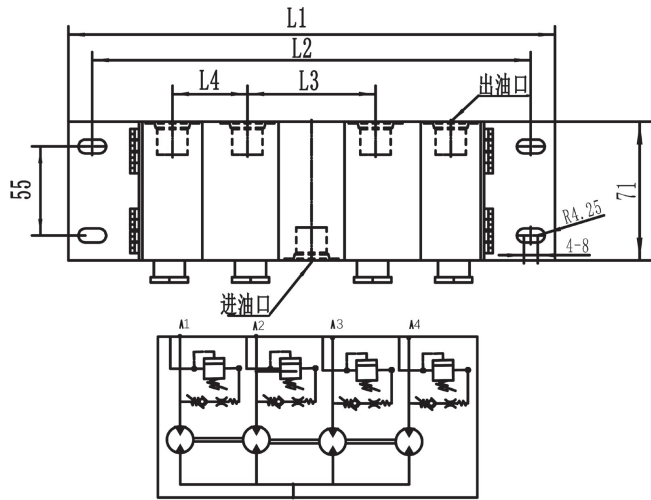


内部结构

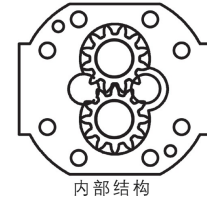
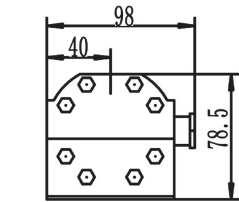
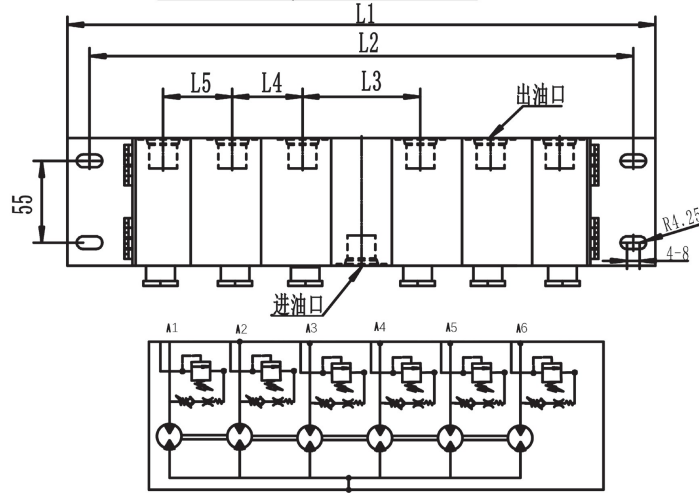


YM 齿轮分流同步

YM-04



YM-06

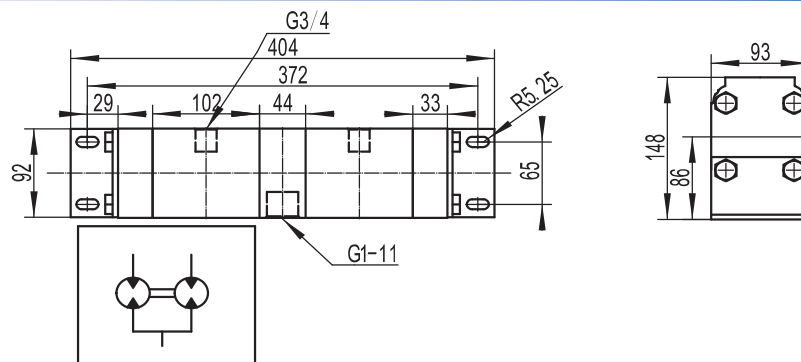


型号 Model	排量 Disptcement	最小进口 960rpm流量 Minimum inlet flow	标准进口 1460rpm流量 Standard inlet flow	最大进口 2800rpm流量 Maximum inlet flow	出油口 最大压力 Maximum pressure	油口螺纹 Ports		外形尺寸 Overall Dimension(mm)				
	(mL/rev)	L/M	L/M	L/M	出油口	进油口	出油口	总长L1	脚架安装L2	含中间块L3	第二块L4	kg
YM-02/2	2	1.92	3	6	28MPa	UNF3/4"-16 G1/2" NPT1/2"	UNF3/4"-16 G1/2" NPT1/2"	187	156	73	*	2
YM-02/10	10	9.6	15	28				187	156	73	*	2
YM-02/12	12	11.52	18	33.6				187	156	73	*	2
YM-02/16	16	15.36	24	44.8		UNF7/8"-14 G5/8" NPT1/2"	UNF7/8"-14 G5/8" NPT1/2"	201	176	75	*	2.25
YM-02/20	20	19.2	30	56				201	176	75	*	2.25
YM-02/25	25	24	37.5	70				233	201	106	*	2.25
YM-02/32	32	30.72	48	89.6				233	201	106	*	2.8
YM-04/6	6	5.76	9	16.8	28MPa	UNF3/4"-16 G1/2" NPT1/2"	UNF3/4"-16 G1/2" NPT1/2"	275	240	73	44	3.45
YM-04/16	16	15.36	24	44.8				275	240	73	44	3.45
YM-04/20	20	19.2	30	56		UNF7/8"-14 G5/8" NPT1/2"	UNF7/8"-14 G5/8" NPT1/2"	304	270	80	51	3.95
YM-04/25	25	24	37.5	70				304	270	80	51	3.95
YM-04/32	32	30.72	48	89.6				362	330	106	67	5
YM-04/40	40	38.4	60	112				362	330	106	67	5
YM-06/20	20	19.02	30	56	28MPa	UNF7/8"-14 G1/2" NPT1/2"	UNF3/4"-16 G1/2" NPT1/2"	365	330	73	44	4.9

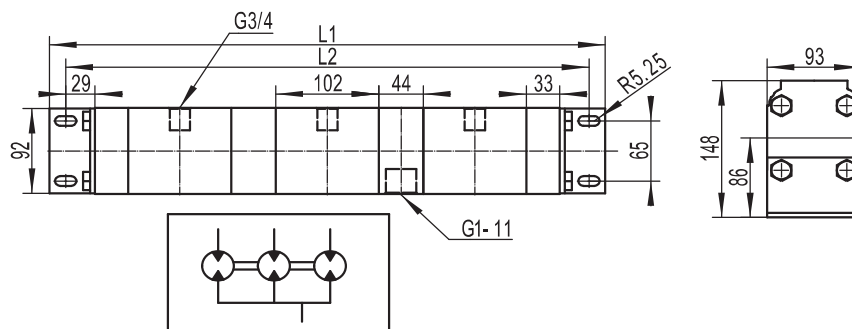
★ 齿轮同步马达误差分析:在原来压力上增加1—2MPa后计算管路损耗,流量压力满足.油缸才能同步顶升

YDM 油缸分流马达

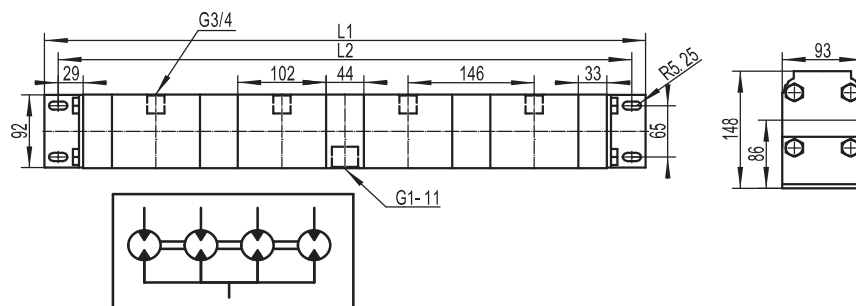
YDM-02



YDM-03



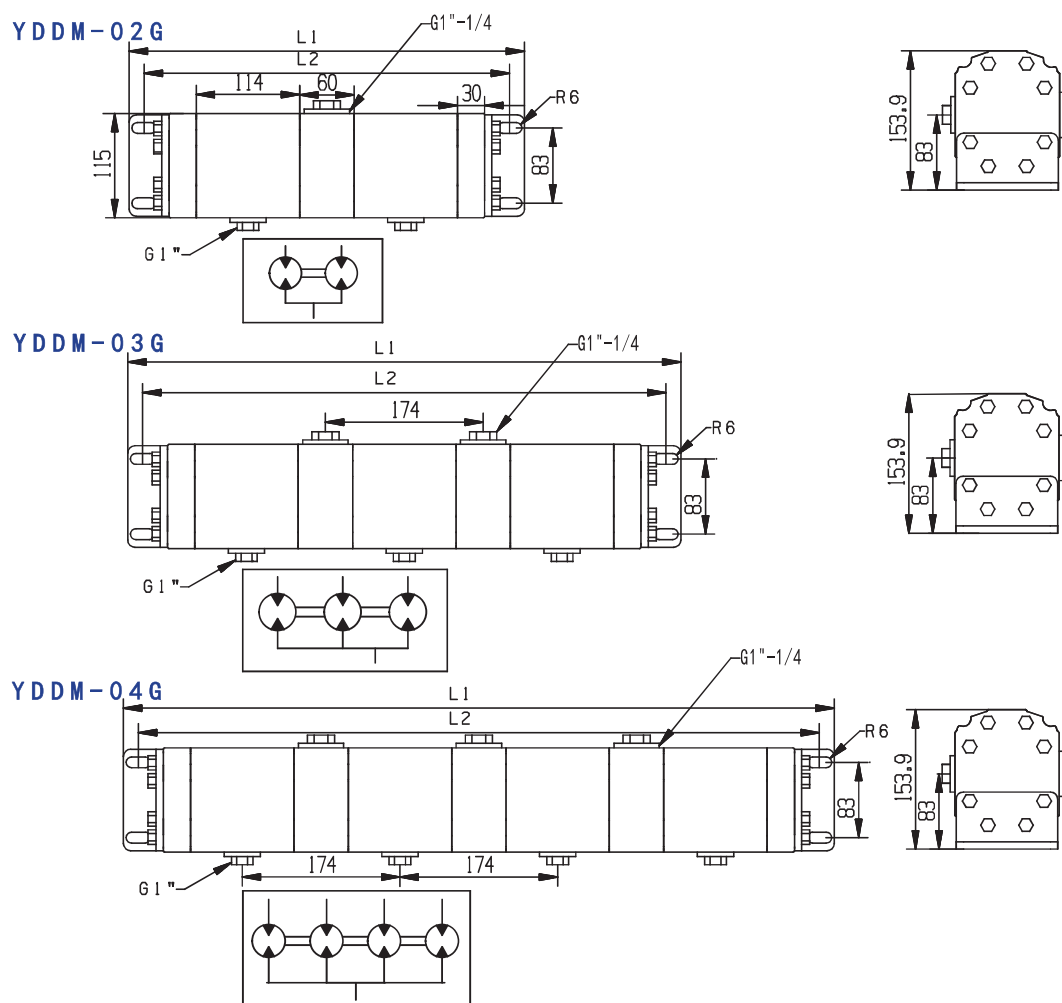
YDM-04



型号 Model	排量 Disptcement	最小进口 960rpm流量 Minimum inlet flow	标准进口 1460rpm流量 Standard inlet flow	最大进口 3000rpm流量 Maximum inlet flow	出油口最大 压力 Maximum pressure	进 出 油 口 Ports		外形 尺寸 Dimension(mm)			重量 Weight
	(ml/rev)	L/M	L/M	L/M		进油口	出油口	L1总长度	L2 脚架中心	L3 外壳总长	kg
YDM-02G	50	48	73	150	31.5MPa	G1"	G3/4"	404	372	314	10.5
YDM-03G	55	52.8	80	165				550	518	460	15
YDM-04G	60	57.6	87.6	180				696	664	606	19.4
YDM-05G	65	62.4	94.9	195				842	810	752	24
YDM-06G	70	67.2	102.2	210				988	956	898	28.7
YDM-07G	75	72	109.5	225				1134	1102	1044	33.2
YDM-08G	80	76.8	116.8	240				1280	1248	1190	38
YDM-10G	85	81.6	124.1	255				1572	1540	1482	47
YDM-12G	90	86.4	131.4	270				1864	1832	1774	56

★ 齿轮同步马达误差分析：在原本压力增加压力1~2MPa后管路损耗计算，流量计算满足，油缸才能同步顶升

YDDM 系列



型号 Model	排量 Displacement	最小出口 960rpm流量 Minimum inlet flow	标准出口 1460rpm流量 Standard inlet flow	最大出口 3000rpm流量 Maximum inlet flow	出油口最大 压力 Maximum pressure	油口 Ports		外形尺寸 Dimension(mm)		重量 Weight
	(ml/rev)	L/M	L/M	L/M		进油口	出油口	L1	L2	kg
YDDM-02G	75	72	109.5	225	31.5MPa	G1"-1/4"	G1"	436	403	18.2
YDDM-03G	75	72	109.5	225				610	577	27.5
YDDM-04G	75	72	109.5	225				784	571	26.8
YDDM-06G	75	72	109.5	225				1132	1099	55.4
YDDM-08G	75	72	109.5	225				1480	1447	74
YDDM-10G	75	72	109.5	225				1828	1795	92.6
YDDM-12G	75	72	109.5	225				2176	2143	112.2
YDDM-14G	75	72	109.5	225				2524	2491	129.8
YDDM-16G	75	72	109.5	225				2872	2840	148.4

齿轮同步马达误差分析：在原本压力增加1~2MPa后再算管路损耗，压力.流量满足后，油缸才能同步鼎升

Codice:

9RV NN M CC

9RV	Tipo Divisore
NN	Numero di Elementi
M	Codice campo taratura valvola
CC	Codice della cilindrata degli elementi

TABELLA "M"	
A	10÷ 105 bar
B	70÷ 210 bar
C	140÷ 350 bar

Esempio: Divisore a 2 elementi con cilindrata uguali:
RV-2V / 11 x 2 CON VALVOLA 10 ÷ 105 bar

9RV 02 A 47

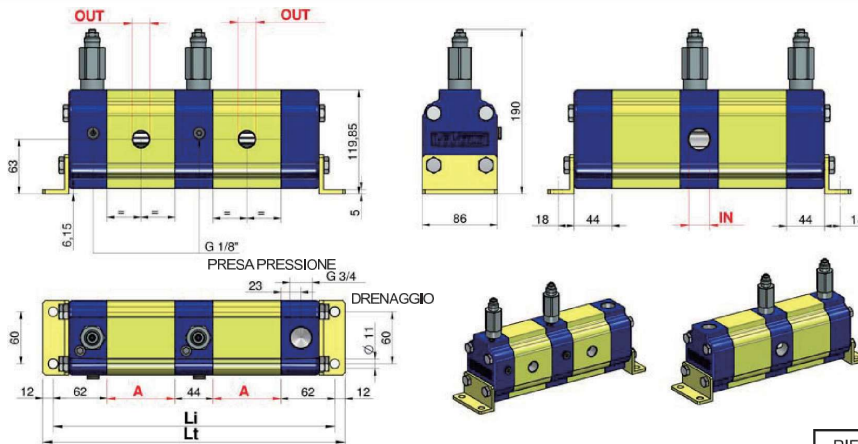
Esempio: Divisore a 4 elementi con cilindrata diverse (max 7):
RV-2V / 9+14+14+22 CON VALVOLA 70 ÷ 210 bar

9RV 04 B 45 49 49 55

NOTA: per codificare divisori con cilindrata diverse a più di 7 elementi occorre interpellare il Ns. ufficio vendite.

Tabella: 1

Cilindrata Cm³/giro	CC Codice	Pressione max bar	Portata di un elemento l/min		
			MIN	CONSIGLIATA	MAX
4	41	210	4,8	7,6	10
6	43	210	7,2	10,8	15
9	45	210	10,8	15,1	22,5
11	47	210	13,2	19,4	27,5
14	49	200	16,8	25,9	35
17	51	200	20,4	30,2	42,5
19	53	190	22,8	34,6	47,5
22	55	180	26,4	41	55
26	57	160	31,2	45,4	65
30	59	160	36	54	75
34	61	140	40,8	61,6	85
40	63	130	48	71,3	100



RIFERIMENTO: RV201

Tabella: 2

Li = Interasse fori di fissaggio (divisore con cilindrata uguali)

Cm³/giro	A	IN	OUT	Numero di elementi												
				2	3	4	5	6	7	8	9	10	11	12	13	14
4	47	3/4 BSP	1/2 BSP	262	353	444	535	626	717	808	899	990	1081	1172	1263	1354
6	50	3/4 BSP	1/2 BSP	268	362	456	550	644	738	832	926	1020	1114	1208	1302	1396
9	54	3/4 BSP	1/2 BSP	276	374	472	570	668	766	864	962	1060	1158	1256	1354	1452
11	58	3/4 BSP	1/2 BSP	284	386	488	590	692	794	896	998	1100	1202	1304	1406	1508
14	64	3/4 BSP	1/2 BSP	296	404	512	620	728	836	944	1052	1160	1268	1376	1484	1592
17	68	3/4 BSP	1/2 BSP	304	416	528	640	752	864	976	1088	1200	1312	1424	1536	1648
19	72	3/4 BSP	1/2 BSP	312	428	544	660	776	892	1008	1124	1240	1356	1472	1588	1704
22	78	3/4 BSP	1/2 BSP	324	446	568	690	812	934	1056	1178	1300	1422	1544	1666	1788
26	82	1 BSP	3/4 BSP	332	458	584	710	836	962	1088	1214	1340	1466	1592	1718	1844
30	90	1 BSP	3/4 BSP	348	482	616	750	884	1018	1152	1286	1420	1554	1688	1822	1956
34	97	1 BSP	3/4 BSP	362	503	644	785	926	1067	1208	1349	1490	1631	1772	1913	2054
40	106	1 BSP	3/4 BSP	380	530	680	830	980	1130	1280	1430	1580	1730	1880	2030	2180

Tabella: 3 In questa tabella sono indicati il numero di ingressi del divisore in funzione del numero di elementi

Numero di elementi	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Numero di ingressi	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8

