



KJ、KM、KL型单线分配器

KJ、KM、KL single wire distributor

● 结构特点和应用范围 Structure characteristics and application range



KJ, KM, KL single-wire progressive distributor is one of the products developed and developed by our company after transforming foreign technology and has been actively promoted and used. It is composed of a supply body, an end body made of medium carbon alloy structural steel and an intermediate with a selected output and outlet number determined according to the design needs. The normal outlet of the distributor is arranged on both sides of the distributor, and a preparation outlet is arranged above, and a check valve is arranged in the oil outlet of each intermediate, which can completely prevent the countercurrent of the lubricant caused by the back pressure of the lubrication point. It ensures that the output of each outlet is quantitative and accurate.

KJ, M, KL distributors are suitable for single-line centralized lubrication system with dense lubrication points, different grease consumption, frequent oil supply and nominal pressure of 20MP.

● 技术参数 Technical parameters

Form	Piston type	吐出量ml/循环 Fuel supply quantity ml/cycle	Number of oil supply ports	Maximum pressure
KJ	5T	0.082	2	14MPa (Medium: grease) 7MPa (Medium: lubricating oil)
	5S	0.164	1	
	10T	0.164	2	
	10S	0.328	1	
	15T	0.246	2	
	15S	0.492	1	
KM	10T	0.164	2	21MPa (Medium: grease) 10MPa (Medium: lubricating oil)
	10S	0.328	1	
	15T	0.246	2	
	15S	0.492	1	
	20T	0.328	2	
	20S	0.656	1	
	25T	0.41	2	
	25S	0.82	1	
	30T	0.492	2	
	30S	0.984	1	
	35T	0.574	2	
	35S	1.148	1	
KL	25T	0.41	2	21MPa (Medium: grease) 10MPa (Medium: lubricating oil)
	25S	0.82	1	
	50T	0.82	2	
	50S	1.64	1	
	75T	1.23	2	
	75S	2.46	1	
	100T	1.64	2	
	100S	3.28	1	
	125T	2.05	2	
	125S	4.1	1	
	150T	2.46	2	
	150S	4.92	1	

The suitable medium is grease with penetration not less than 265 (25℃,150g)1/10mm or lubricating oil with viscosity grade greater than N120, and the applicable ambient temperature is -10℃~80℃.

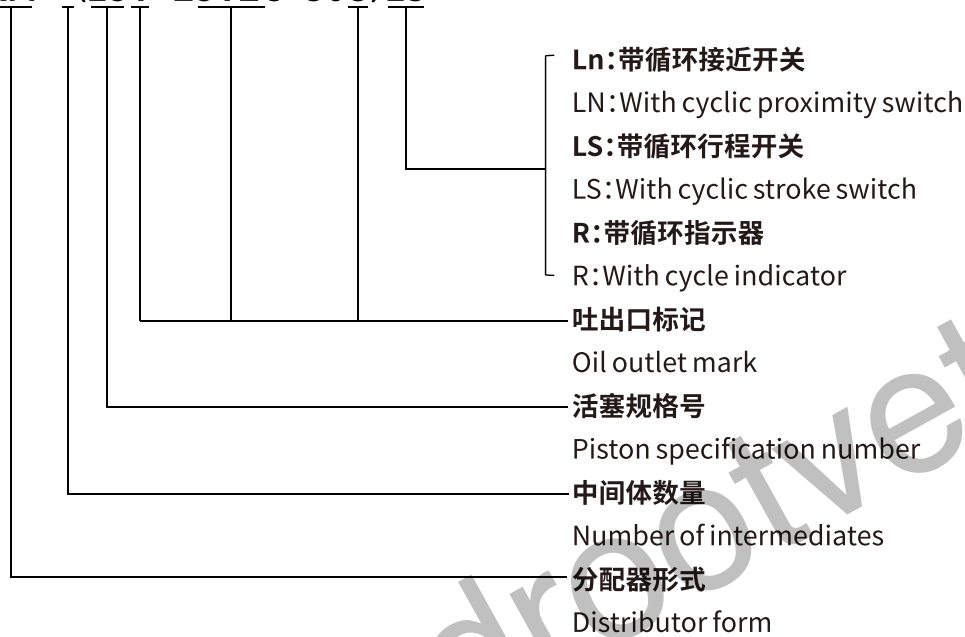


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● 型号说明 Model description

KM-*(15T+25T2C+30S)LS



● 吐出标记说明 Output mark description

T: 为基本标准型, 有二个出口分别从中间体二侧出油

T: It is a basic standard type, and there are two outlets to produce oil from the two sides of the intermediate.

S: 只有一个出口(即T型二出口相通), 油量是T型的二倍, 左侧或右侧出油均可

S: There is only one exit (that is, the T-type two exits are connected), the oil quantity is twice that of the T-type, and the oil can be discharged from either the left side or the right side.

LC: 没有左出口, 从进油方向看左侧出口与邻接的后一片出口合并油量

LC: There is no left exit. From the direction of oil intake, the left exit combines the oil quantity with the adjacent one.

RC: 没有右出口, 从进油方向看右侧出口与邻接的后一片出口合并油量

RC: There is no right exit. From the direction of oil intake, the combined oil quantity of the right exit and the adjacent rear exit

2C: 没有出口, 左右均与邻接的后一片出口合并油量

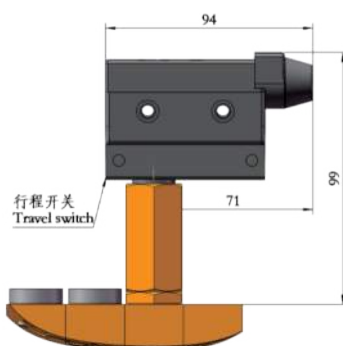
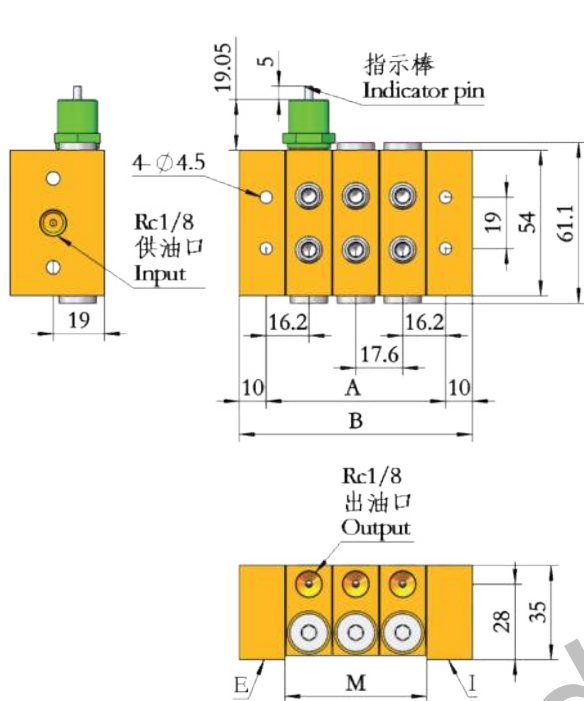
2C: There is an exit, which combines the amount of oil with the adjoining rear exit.



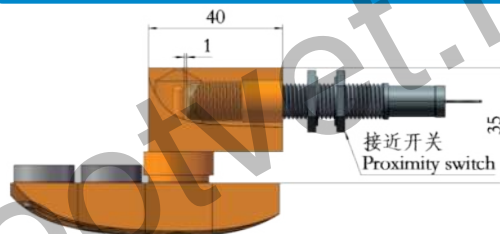
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● 外形尺寸 External dimension



带行程开关 With travel switch



带接近开关 with proximity switch

KJ-3

注: 活塞规格“*5”不带循环指示器和循环开关

Note: Piston specification "* 5" without cycle indicator and cycle switch

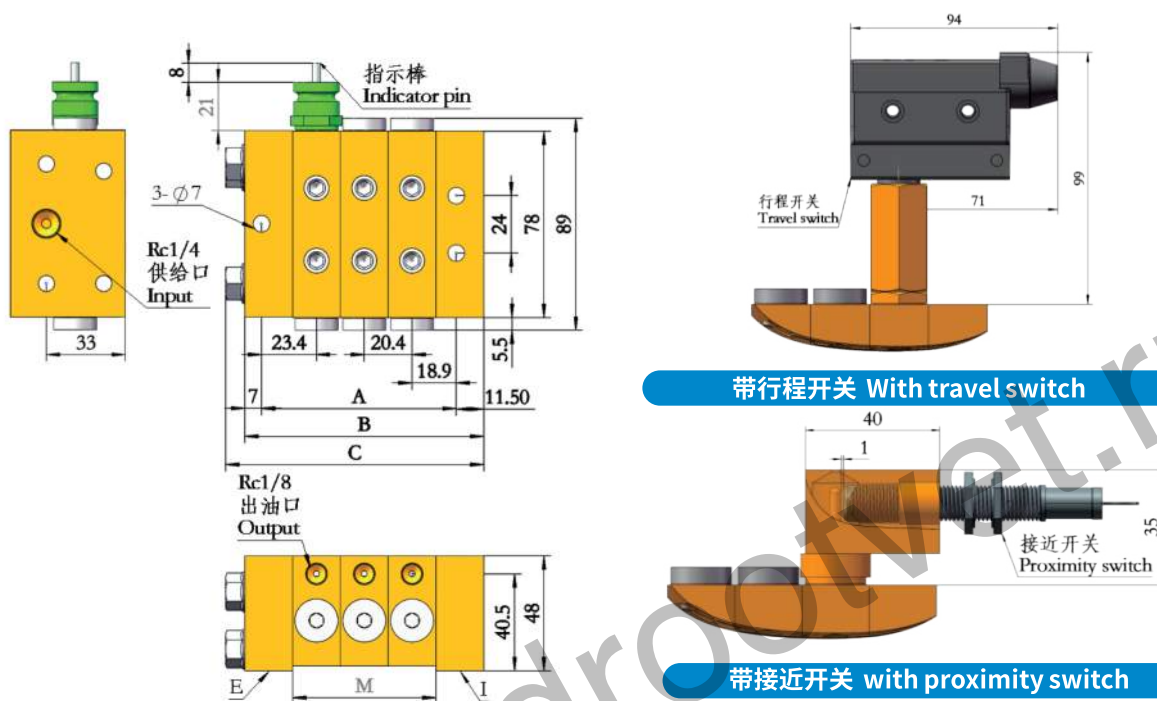
形式 Form	Number of combined tablets			A	B	Oil inlet specification	Oil outlet specification	Maximum number of oil outlets	Kg
	L	M	E						
KJ-3	1	3	1	67.6	87.6	Rc1/8	Rc1/8	6	1.3
KJ-4	1	4	1	85.2	105.2			8	1.5
KJ-5	1	5	1	102.8	122.8			10	1.8
KJ-6	1	6	1	120.4	140.4			12	2.0
KJ-7	1	7	1	138	158			14	2.3
KJ-8	1	8	1	155.6	175.6			16	2.5



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● 外形尺寸 External dimension



带行程开关 With travel switch

带接近开关 with proximity switch

KM-3

注: 活塞规格“*10”不带循环指示器和循环开关

Note: Piston specification "* 10" without cycle indicator and cycle switch

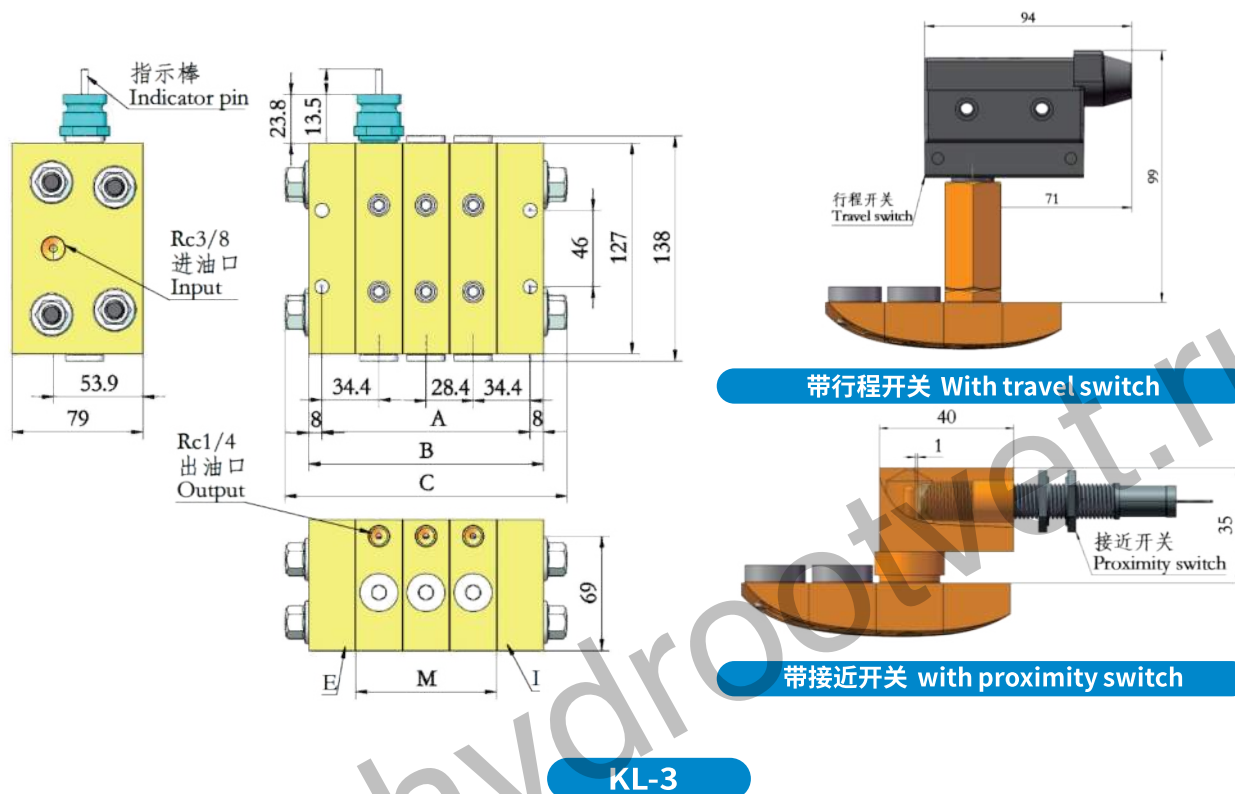
形式 Form	Number of combined tablets			A	B	C	Oil inlet specification	Oil outlet specification	Maximum number of oil outlets	Kg
	L	M	E							
KM-3	1	3	1	83.1	101.1	112	Rc1/4	Rc1/8	6	2.9
KM-4	1	4	1	103.5	122	133			8	3.5
KM-5	1	5	1	123.9	142.4	153			10	4.0
KM-6	1	6	1	144.3	162.8	173			12	4.6
KM-7	1	7	1	164.7	183.2	194			14	5.2
KM-8	1	8	1	185.1	203.6	214			16	5.7



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● 外形尺寸 External dimension



注: 活塞规格“*25”不带循环指示器和循环开关

Note: Piston specification "* 25" without cycle indicator and cycle switch

形式 Form	Number of combined tablets			A	B	C	Oil inlet specification	Oil outlet specification	Maximum number of oil outlets	Kg
	L	M	E							
KL-3	1	3	1	125.6	141.6	168	Rc3/8	Rc1/4	6	11.1
KL-4	1	4	1	154	170	196			8	13.3
KL-5	1	5	1	182.4	198.4	225			10	15.5
KL-6	1	6	1	210.8	226.8	253			12	17.7
KL-7	1	7	1	239.2	255.2	282			14	19.9
KL-8	1	8	1	267.6	283.6	310			16	22.1



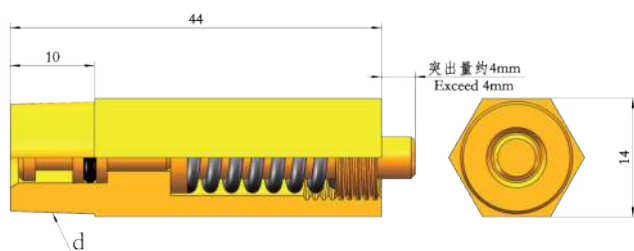
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● 超压指示器 Overpressure indicator

Installed at the prepared outlet of the distributor, when the lubrication point or pipeline is blocked and the pressure rises beyond the specified value, the external pin of the indicator protrudes.

Through the fault signal sent by the system, we can find out whether the indicator is protruding on the spot and find out the blocked area directly.

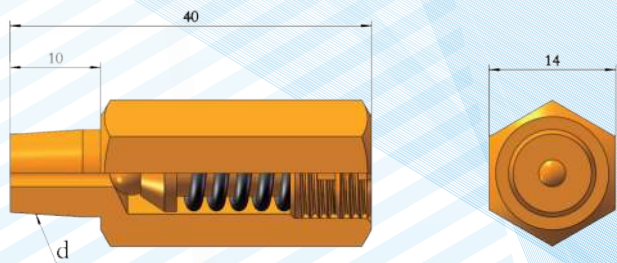


Form	d	Mpa Setpressure	Form	d	设定压力Mpa Setpressure
B $\frac{1}{8}$ -3	R1/8	3	B $\frac{1}{4}$ -3	R1/4	3
B $\frac{1}{8}$ -5		5	B $\frac{1}{4}$ -5		5
B $\frac{1}{8}$ -7		7	B $\frac{1}{4}$ -7		7
B $\frac{1}{8}$ -9		9	B $\frac{1}{4}$ -9		9
B $\frac{1}{8}$ -15		15	B $\frac{1}{4}$ -15		15
B $\frac{1}{8}$ -18		18	B $\frac{1}{4}$ -18		18

● 溢流指示器 Overflow indicator

Installed on the preparation outlet of each distributor where the environment is harsh and prone to blockage, when the lubrication point or pipeline is blocked and the pressure rises abnormally and exceeds the specified value, the grease supplied by the blocked point of the distributor spills out from the overflow outlet, the overflow point is the blocked failure point.

It is only suitable for continuous operation, and it is not allowed to affect the movements of other distributors.



Form	d	Setpressure	Form	d	Mpa Setpressure
R1/8-5	R1/8	5	R1/4-5	R1/4	5
R1/8-7		7	R1/4-7		7
R1/8-9		9	R1/4-9		9
R1/8-15		15	R1/4-15		15
R1/8-18		18	R1/4-18		18



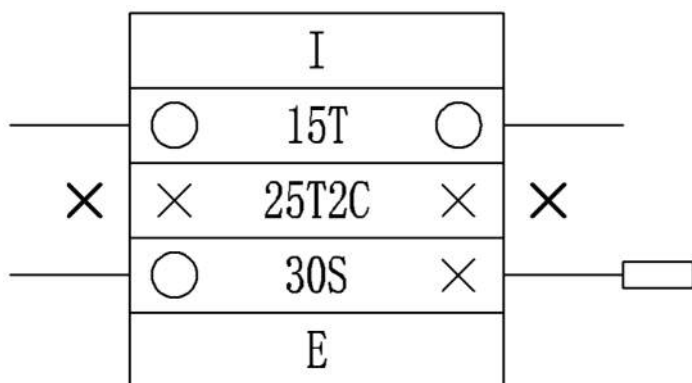
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● 订货说明 Order instruction

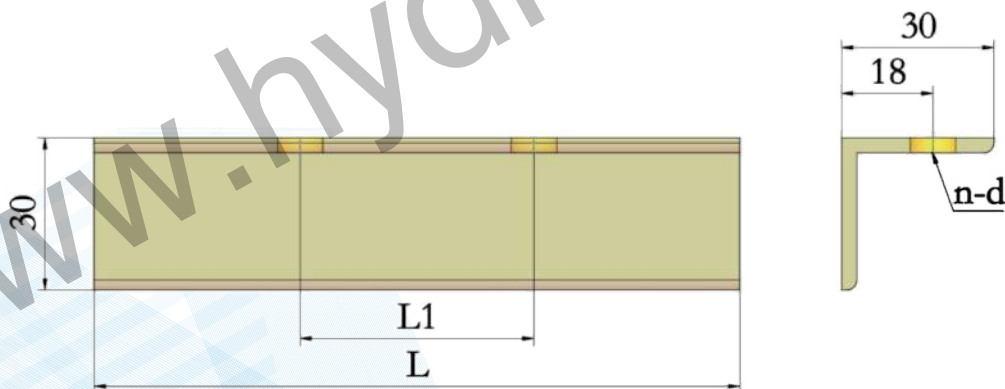
Order with the complete model mark and provide the connection diagram when ordering

For example: KM-3(15T+25T2C+30S)R



- — 超压指示器 Overpressure indicator
- — 溢流指示器 Overflow indicator
- — 循环指示器 Cycle indicator
- └┐ — 循环开关 Cycle switch
- ◁ — 内外接头 R1/8-Rc1/4
Internal and external joint R1/8-Rc1/4
- ◁ — 内外接头 R1/4-Rc3/8
Internal and external joint R1/4-Rc3/8

● 安装附件 Install accessories



Code	L	L1	n	d	Suitable
KJ-ZJ	54	19	2	5	KJ single-wire distributor two pieces pergroup
KM-ZJ	78	24	3	7	KM single-wire distributor two pieces pergroup
KL-ZJ	127	46	2	9	KL single-wire distributor two pieces pergroup