LYPL/LYPS/LYPD系列

惠隆液压



低压过滤器

流量	最大13000L/min
工作压力	最高1.6MPa

性能概述 DESCRIPTION

LYPL/LYPS/LYPD 适用于安装在低压管路或者液压系统的回油管路中，在油液流回油箱前滤除油液中的固体颗粒杂质。

工作压力：最高压力1.6MPa　　工作温度：-25℃~120℃

发讯器发讯压差：0.2MPa　　旁通阀开启压差：0.3MPa

壳体材料：钢

工作介质：矿物油、乳化液、水-乙二醇、磷酸酯液压液（木棉定型滤纸仅适用于矿物油）

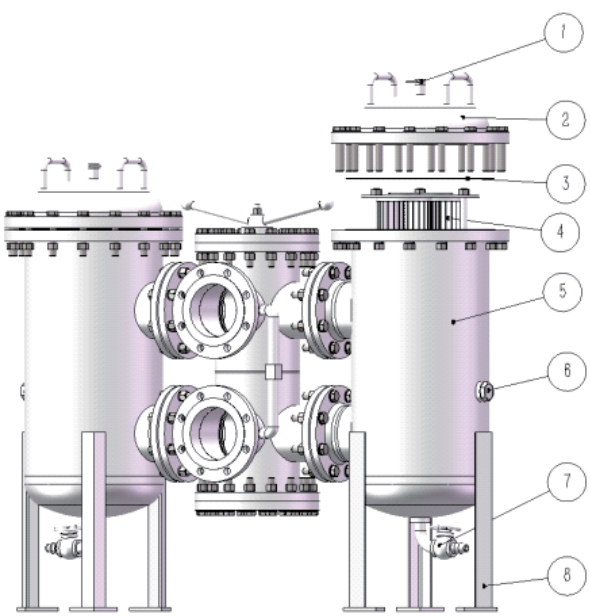
LYPL/LYPS/LYPD series filter is designed for mounting in the low pressure pipeline or return line circuits of hydraulic systems,separating solid particles from the hydraulic fluids returning to the tank.

Operating pressure: Max. 16 bar　　Operating temperature: -25℃~120℃

Setting pressure of clogging indicator:2 bar　　Bypass valve cracking pressure: 3bar

Filter housing material:Steel

Working substance: mineral oil, emulsion, water-glycol, phosphate ester hydraulic oil (resin-impregnated paper only for mineral oil)



序号 Number	名　称 Name	说　明 Note
1	排气阀 Vent valve	
2	虑盖组件 Cap components	
3	密封垫 Seal	易损件 Wearing Parts
4	滤芯 Element	易损件 Wearing Parts
5	壳体 Housing	
6	螺塞 Scerw	
7	放油阀	
8	支腿 Leg	

▶系列型谱 ORDERING INFORMATION

过滤器型号Filter Assembly | LYPL | 2600 | FD | H6 | F1 | 1

代号 Code	过滤器结构形式 Form of filter
LYPL	单筒过滤器 Single cylinder filter
LYPS	单筒过滤器 Single cylinder filter
LYPD	双筒切换过滤器 Double cylinder switch filter

代号 Code	流量（L/min) Flow rate	滤芯代号 Replacement Element	单筒滤芯数 Element quantity of single cylinder
1300	1300	1300	1
2600	2600		2
3900	3900		3
6500	6500		5
7800	7800		6
9100	9100		7
2600D	2600	2600	1
5200D	5200		2
7800D	7800		3
13000D	13000		5

流量 (L/min) Flow rate \ 代号 Code	F	F1	F2
1300	DN100	DN80	DN65
2600	DN150	DN125	DN100
3900	DN200	DN150	DN125
6500	DN250	DN200	DN150
7800	DN250	DN200	DN150
9100	DN360	DN200	DN150
2600D	DN100	DN80	DN65
5200D	DN150	DN125	DN100
7800D	DN200	DN150	DN125
13000D	DN250	DN200	DN150

代号Code	过滤材料及精度 Filtration material and filtration rating in μm
FT	无机纤维Inorganic fibers β3(c)≥200
FC	无机纤维Inorganic fibers β5(c)≥200
FD	无机纤维Inorganic fibers β10(c)≥200
FV	无机纤维Inorganic fibers β20(c)≥200
CD	滤纸 Paper 10μm
CV	滤纸 Paper 25μm
MD	不锈钢编织网 Stainless steel wire mesh 10μm
MV	不锈钢编织网 Stainless steel wire mesh 20μm
ME	不锈钢编织网 Stainless steel wire mesh 40μm

代号Code	发讯器类型Indicator option
0	无压差发讯器Without differential pressure indicator
R2	压力表 Pressure gauge
S6	目视式压差发讯器Visual differential pressure indicator
H6	目/电式压差发讯器Visual-electrical differential pressure indicator

代号Code	工作介质 Working substance
1	矿物油、乳化液 oil, emulsion
2	磷酸酯液压液 Phosphate ester
3	水-乙二醇 Water-glycol

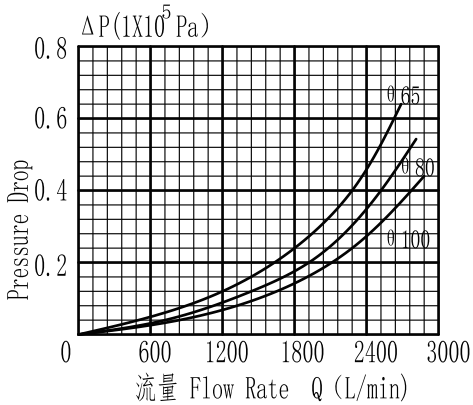
滤芯型号 Replacement Element | ERB | 1300 | FD | 1

▶ 压降流量曲线 PRESSURE DROP CURVES CHARACTERISTICS

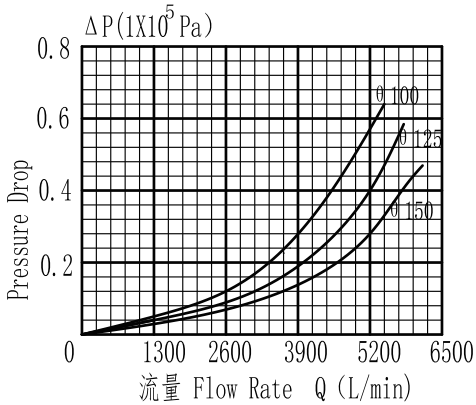
▶ (介质参数KINEMATIC VISCOSITY :30mm²/s DENDITY 0.86kg/dm³)

过滤器壳体压降 Filter Housing Pressure Drop

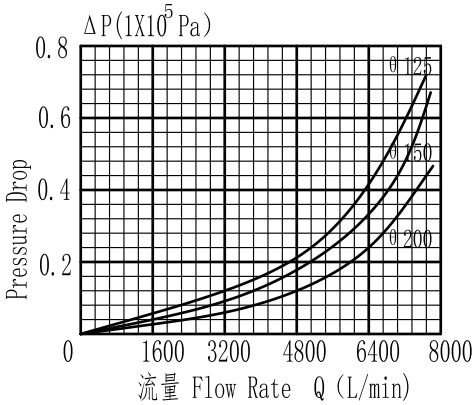
LYPL(LYPS,LYPD)1300/2600D



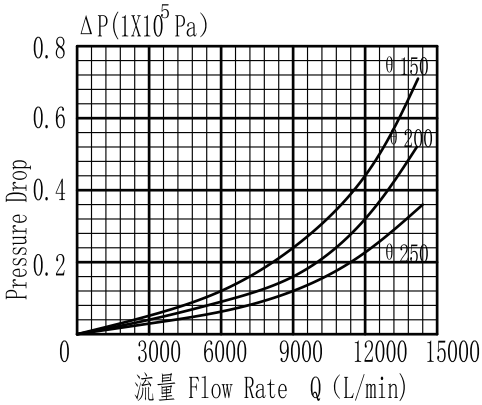
LYPL(LYPS,LYPD)2600/5200D



LYPL(LYPS,LYPD)3900/7800D

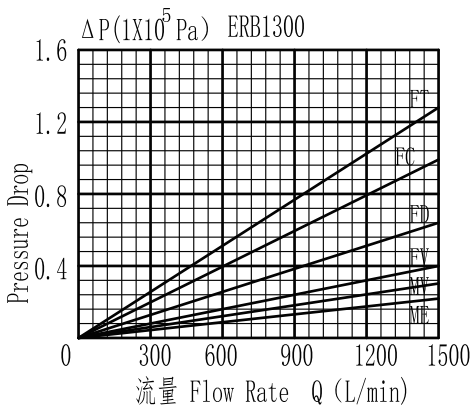


LYPL(LYPS,LYPD)6500/7800/9100/13000D

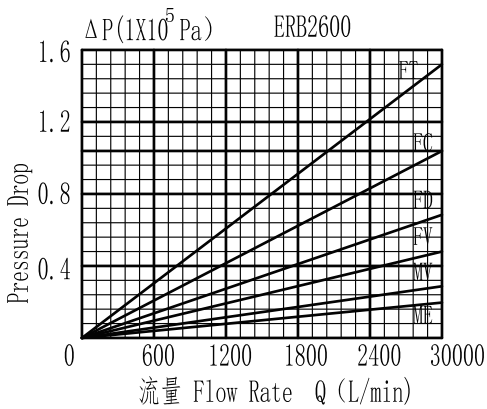


清洁滤芯压降Clean Pressure Drop

ERB1300

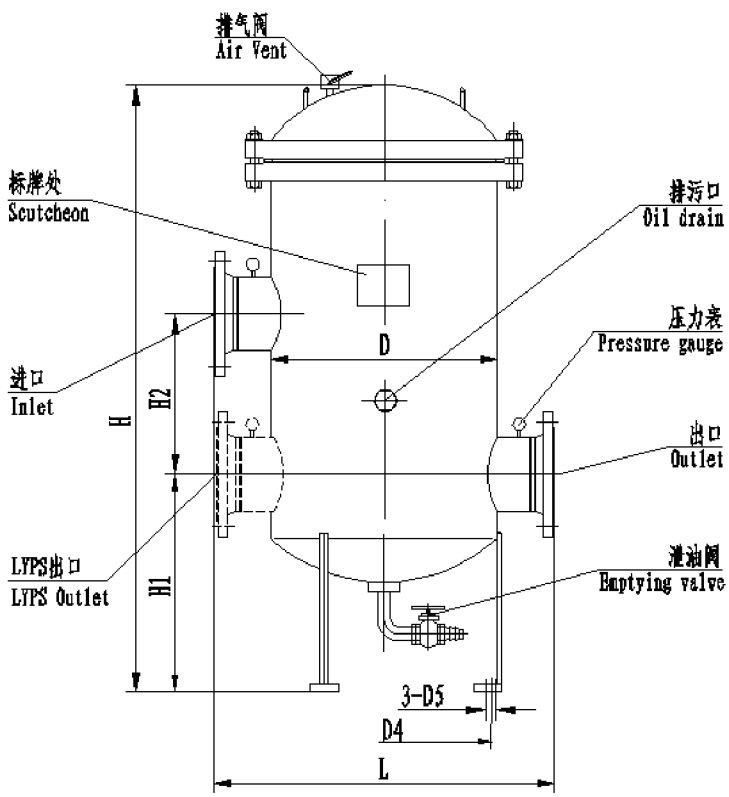


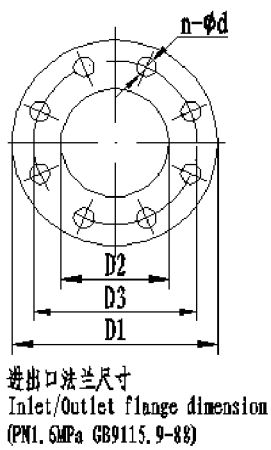
ERB2600



图示尺寸 DIMENSIONS

LYPL/LYPS系列 LYPL/LYPS Series





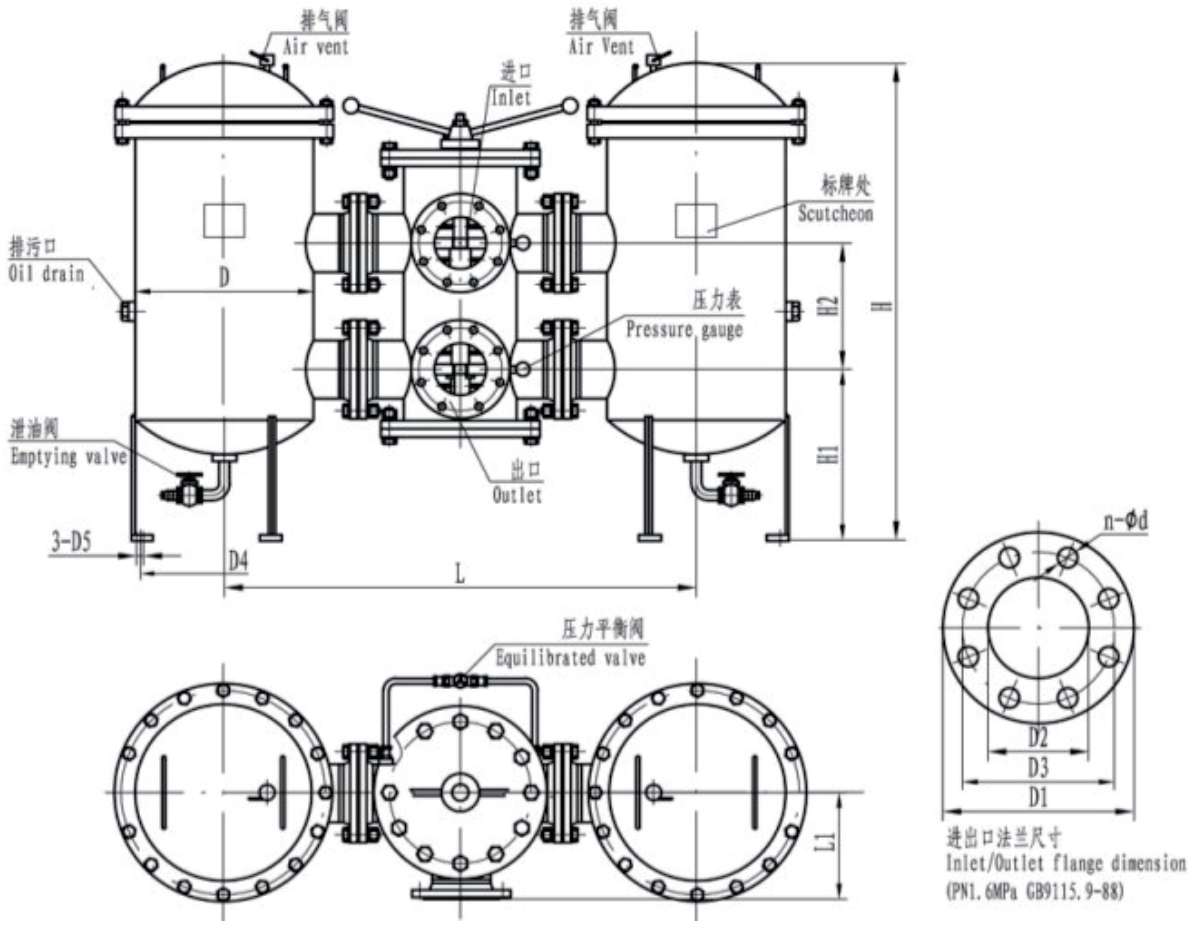
进出口法兰尺寸
Inlet/Outlet flange dimension
(PN1.6MPa GB9115.9-88)

过滤器型号 Filter Type	H	H1	H2	L	D	D4	D5
LYPL/LYPS 1300	1200	480	365	500	Φ245	Φ215	Φ14
LYPL/LYPS 2600/3900	1280	525	365	600	Φ416	Φ386	Φ18
LYPL/LYPS 6500	1500	600	450	746	Φ508	Φ478	Φ23
LYPL/LYPS 7800	1500	600	450	746	Φ508	Φ478	Φ23
LYPL/LYPS 9100	1500	600	450	746	Φ508	Φ478	Φ23
LYPL/LYPS 2600D	1642	480	365	500	Φ245	Φ215	Φ14
LYPL/LYPS 5200D	1722	525	365	600	Φ416	Φ386	Φ18
LYPL/LYPS 7800D	1722	525	365	600	Φ416	Φ386	Φ18
LYPL/LYPS 13000D	1942	600	450	746	Φ508	Φ478	Φ23

法兰通径 Flange Dimension	D1	D2	D3	d	n
DN65	Φ180	Φ75	Φ145	Φ18	4
DN80	Φ195	Φ90	Φ160	Φ18	8
DN100	Φ215	Φ110	Φ180	Φ18	8
DN125	Φ250	Φ135	Φ210	Φ18	8
DN150	Φ285	Φ161	Φ240	Φ23	8
DN200	Φ340	Φ220	Φ295	Φ23	12
DN250	Φ405	Φ275	Φ355	Φ25	12

图示尺寸 DIMENSIONS

LYPD系列 LYPD Series



过滤器型号 Filter Type	H	H1	H2	L	L1	D	D4	D5
LYPD1300	1200	480	365	900	200	Φ245	Φ215	Φ14
LYPD2600	1280	525	365	1125	260	Φ416	Φ386	Φ18
LYPD3900	1280	525	365	1125	260	Φ416	Φ386	Φ18
LYPD6500	1500	600	450	1400	325	Φ508	Φ478	Φ23
LYPD7800	1500	600	450	1400	325	Φ508	Φ478	Φ23
LYPD9100	1500	600	450	1400	325	Φ508	Φ478	Φ23
LYPD2600D	1642	480	365	900	200	Φ245	Φ215	Φ14
LYPD5200D	1722	525	365	1125	260	Φ416	Φ386	Φ18
LYPD7800D	1722	525	365	1125	260	Φ416	Φ386	Φ18
LYPD13000D	1942	600	450	1400	325	Φ508	Φ478	Φ23

法兰通径 Flange Dimension	D1	D2	D3	d	n
DN65	Φ180	Φ75	Φ145	Φ18	4
DN80	Φ195	Φ90	Φ160	Φ18	8
DN100	Φ215	Φ110	Φ180	Φ18	8
DN125	Φ250	Φ135	Φ210	Φ18	8
DN150	Φ285	Φ161	Φ240	Φ23	8
DN200	Φ340	Φ220	Φ295	Φ23	12
DN250	Φ405	Φ275	Φ355	Φ25	12