

JELS BLOCK CYLINDERS

- JELS is another block cylinder different from JECX.
- JELS comes with sensors, suitable for the precise positioning occasion.
- Save space, easy installation, suitable for mold and processing fixture or installation space is limited
- The photos are for reference only, subject to the actual size data provided.

Tie-rod
Hydraulic
CylinderMold
Hydraulic
CylindersSwivel &
Clamp
Hydraulic
CylindersBooster
Cylinders
&
Unclamping
cylindersISO
Specifications
CylindersRound
Hydraulic
CylindersSpecific
Hydraulic
CylindersSystems
&
Fittings**THEORETICAL FORCE**

Bore	Shaft	Piston pressure area (c m ²)		Theoretical force (P=70kgf/c m ²)		Theoretical force (P=140kgf/c m ²)	
		Push	Pull	Push	Pull	Push	Pull
50	30	19.6	12.6	1375	880	2750	1760
63	35	31.2	21.65	2182	1508	4343	3016
80	40	50.3	38	3519	2660	7038	5320
100	56	78.5	53.9	5498	3774	10995	7548

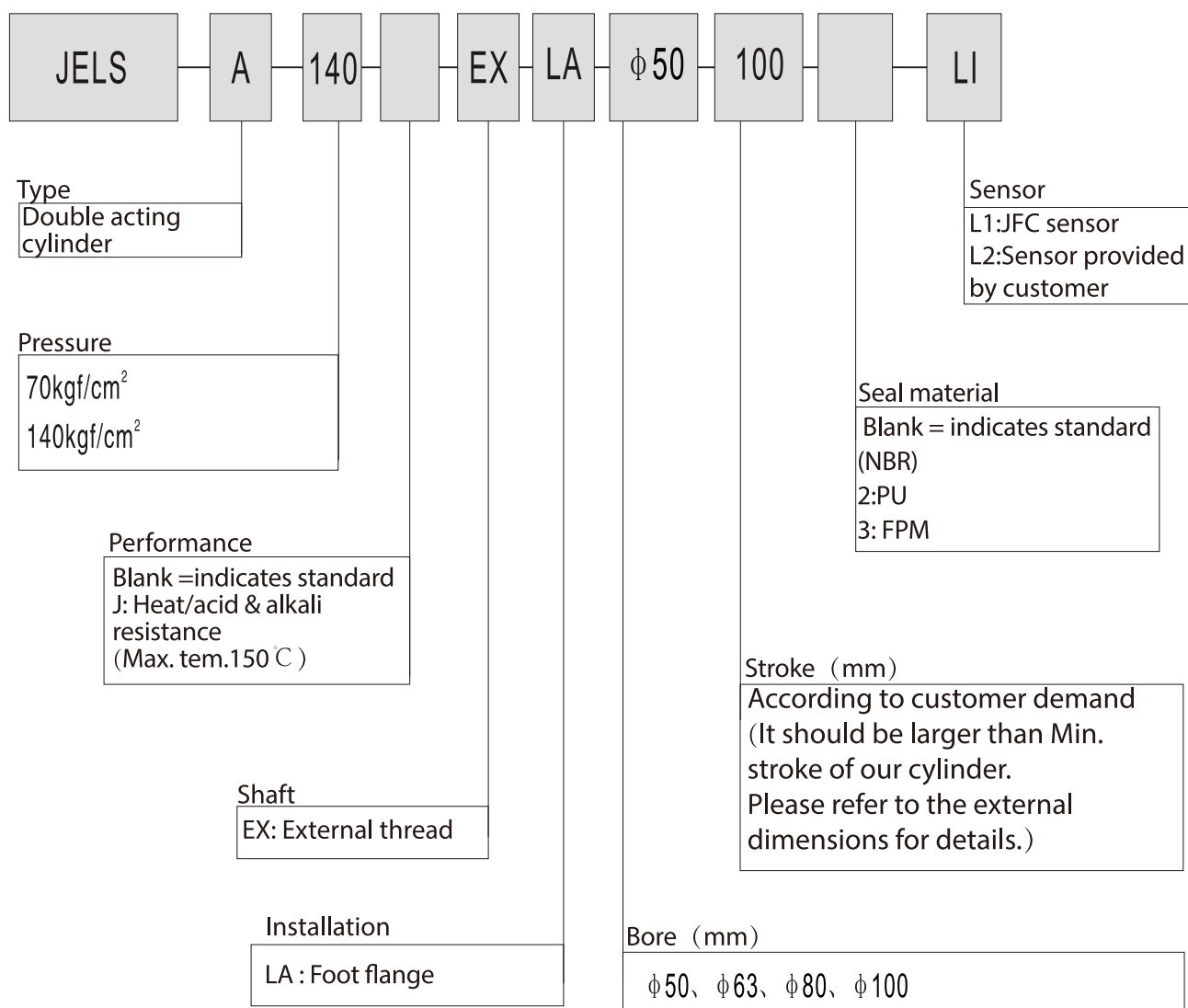
SEAL MATERIAL

Material Symbol	(NBR)	(PU)	(FPM)
Oil	1	2	3
Mineral	○	○	○
Water solution	○	X	○
Soluble	○	X	○
Phosphate ester	X	X	○
Temperature	-20°C ~ +80°C		-10°C ~ 150°C
Viscosity	20~400mm ² /s { cst }		

⚠ Note:

- 1、Mineral oil : ISO-VG32.
- 2、If mineral oil is used, there is no need to mark it. Our company will provide standard oil seal (NBR).
- 3、If phosphate ester oil is used or high temperature is applied, will shown as symbol 3.
- 4、Symbol O = ok, × = cannot be used.
- 5、Temperature of FPM must set below 150 °C when operate long time.

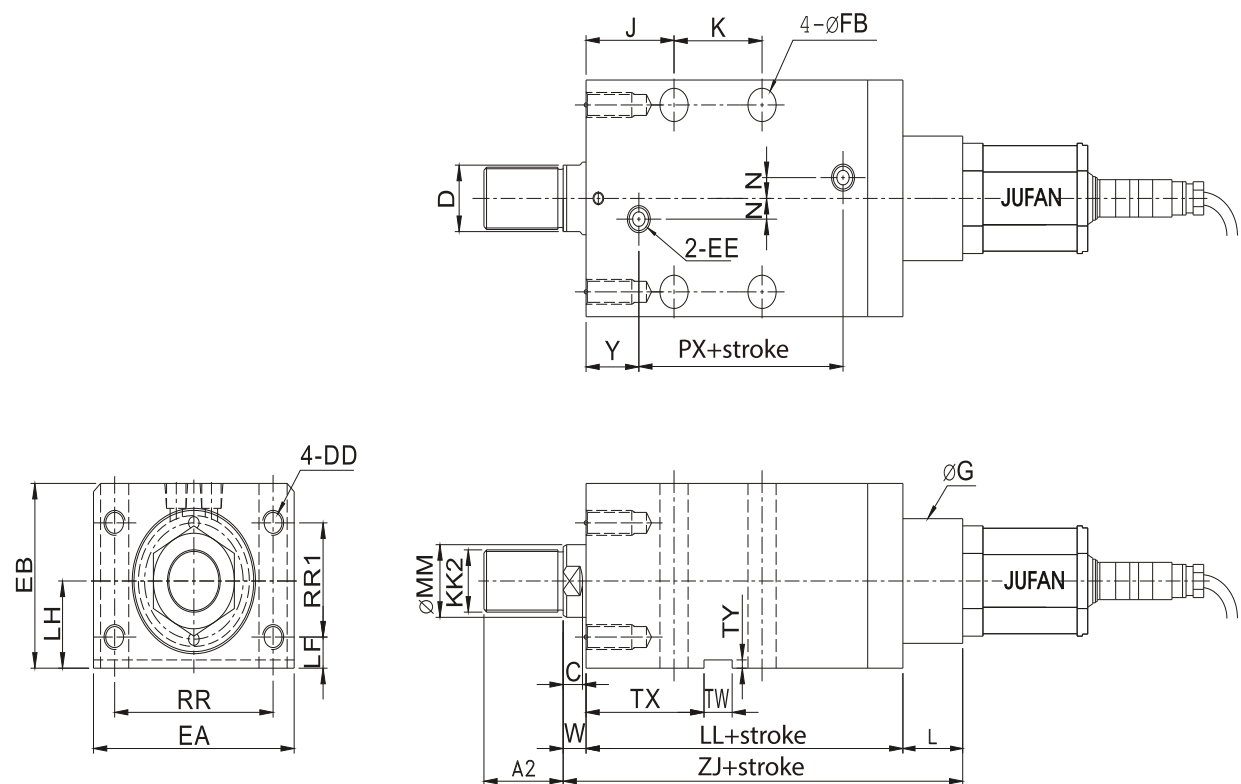
ORDER INDICATION



Note:

1. Please contact our business department for JFC sensor data .
2. When ordering sensor, please provide the relevant size parameters.
3. Special cylinder with sensor, please contact our business department.

EXTERNAL DIMENSIONS



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Symbol Bore	Stroke range	MM	KK2	A2	C	W	TX	TW	TY	LL	ZJ	L	G	J	K	D	Y	PX	N
50	>45	30	M24X1.5	35	10	11	53	14	4	98	143	34	60	40	40	27	28	36	10
63	>40	35	M30X1.5	45	11	13	67	16	4	100	147	34	60	50	50	32	30	36	10
80	>50	40	M36X1.5	55	14	17	82	16	4	121	159	21	60	60	60	37	35	38	15
100	>60	56	M48X1.5	70	15	17	97	16	5	128	163	18	60	70	70	50	39	38	15

Symbol Bore	Stroke range	EE	FB	DD	EB	EA	LH	RR	RR1	LF
50	>45	RC1/4	14	M10X1.5deep22	74	94	34	74	45	15
63	>40	RC1/4	16	M12X1.75deep26	89	114	42	90	55	15
80	>50	RC3/8	16	M14X2.0deep30	109	134	52	110	70	20
100	>60	RC3/8	18	M16X2.0deep35	129	160	62	134	90	20