



**ROTARY  
CYLINDER**

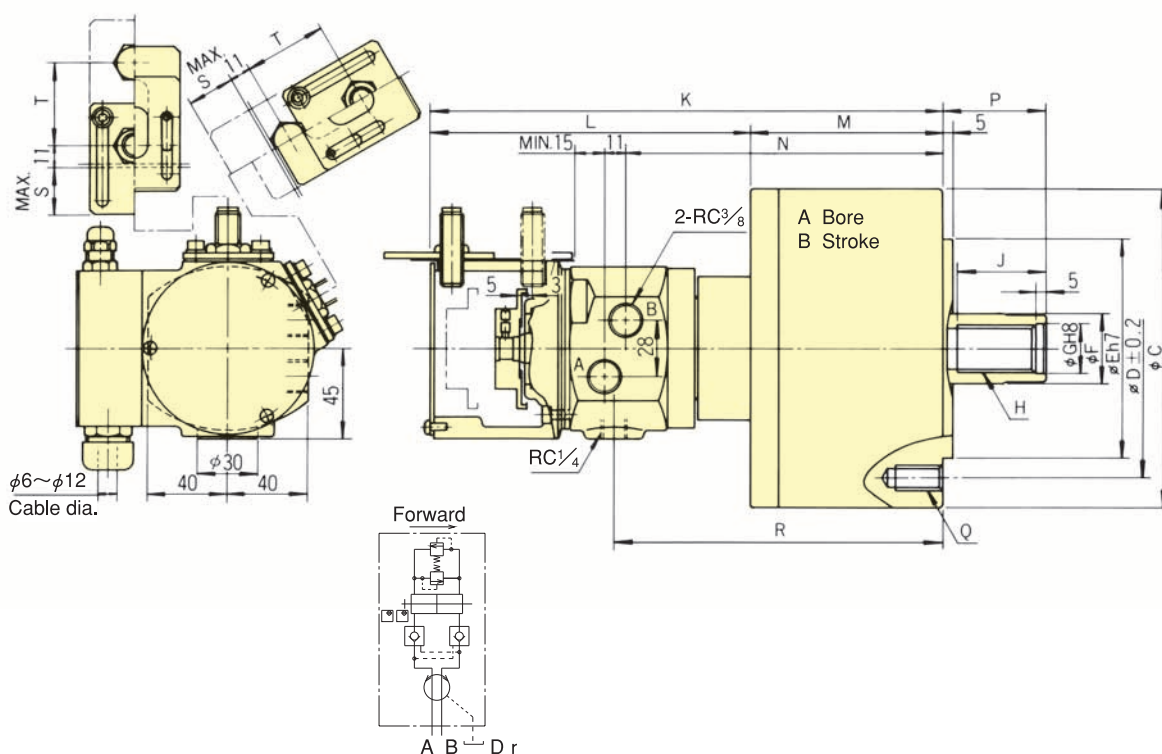
# Hydraulic Cylinder with Closed Centre Y-RE series

## Closed Centre Kitagawa standard series Built in proximity switch

- Built-in check valve, relief valve and sensor switches
- \* CE correspondence



### Dimensional Drawings



Cylinder

### Dimensions

Dimensions	A	B	C	D	E	F	G	H	J	K	L	M	N	P max.	P min.	Q	R	S	T
Y0715RE	75	15	104	90	65	30	21	M20	32	227	161	66	127	46	31	6-M 6×20	133	23	41
Y1020RE	105	20	135	100	80	30	21	M20	35	252	163	89	152	45	25	6-M10×20	158	23	41
Y1225RE	125	25	160	130	110	35	25	M24	44	260	163	97	160	51	26	6-M12×24	166	23	41
Y1530RE	150	30	190	130	110	45	31	M30	45	269	163	106	169	56	26	12-M12×24	175	23	41
Y2035RE	200	35	245	145	120	55	37	M36	60	288	166	122	183	69	34	12-M16×30	189	28	46

※Draw bar pull force : Pressure 4.00MPa (40.8kgf/cm<sup>2</sup>) ※Total leakage : Pressure 3.00MPa (30.6kgf/cm<sup>2</sup>) and oil temperature 50°C.

※Proximity switch: Model BES516-329-E3R (manufactured by B & Plus KK) DC12/24V 200mA NPN

### Specifications

Model	Piston stroke mm	Piston Area		Draw bar		Max. Operation Pressure MPa (kgf/cm <sup>2</sup> )	Total leakage ℓ/min	Max. Speed min <sup>-1</sup>	Net Weight kg	Moment of inertia kg·m <sup>2</sup>
		Push Side cm <sup>2</sup>	Pull Side cm <sup>2</sup>	Push Side kN(kgf)	Pull Side kN(kgf)					
Y0715RE	15	42	37	15.9 (1621)	13.9 (1417)	4.00 (40.8)	0.8	6000	4.5	0.003
Y1020RE	20	84	79	31.0 (3161)	29.0 (2957)	4.00 (40.8)	0.8	6000	7.6	0.012
Y1225RE	25	120	113	45.0 (4589)	42.0 (4283)	4.00 (40.8)	0.8	6000	10.5	0.023
Y1530RE	30	174	160	65.0 (6628)	60.0 (6118)	4.00 (40.8)	0.8	5500	14.0	0.048
Y2035RE	35	312	290	117.0 (11930)	108.0 (11013)	4.00 (40.8)	0.8	5500	22.5	0.098