



**ROTARY
CYLINDER**

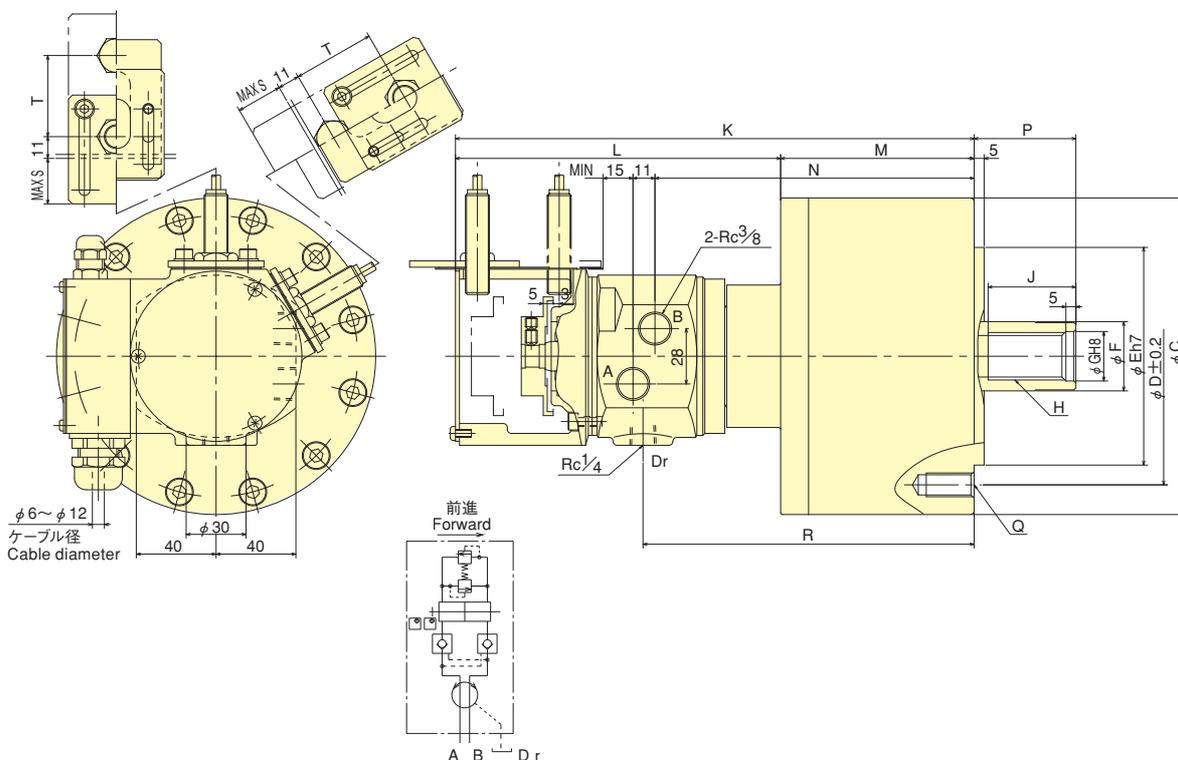
中実回転油圧シリンダ (センサー付) Hydraulic Cylinder with Closed Centre (with sensor switches) **Y-RE series**

**中実のKITAGAWAスタンダードタイプ
Closed Centre Kitagawa standard series
確認センサ内蔵でさらに安心
Built in proximity switch**



- ロックバルブ、リリーフバルブ、さらに確認センサ付
Built-in check valve, relief valve and sensor switches
- *CE対応品 *CE correspondence

■ 寸法図 Dimensional Drawings



■ 寸法表 Dimensions

| 型式 Model | 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 |

*ピストン推力：油圧力4.0MPa(40.8kgf/cm²) *ドレン量は油圧力3.0MPa(30.6kgf/cm²)、油温50℃の時
 *近接スイッチ：Model BES M12MI-NSC20B-BV02(バルブ側)DC24V 200mA NPN
 *Draw bar pull force：Pressure 4.0MPa (40.8kgf/cm²) *Leakage：4.0MPa (40.8kgf/cm²) and oil temperature 50℃.
 *Proximity switch：Model BES M12MI-PSC20B-BV02(manufactured by Balluff) DC12/24V 200mA NPN

■ 仕様表 Specifications

| 仕様 Specifications 型式 Model | ピストンストローク Piston stroke mm | ピストン表面積 Piston Area cm ² | ピストン推力 Draw bar kN(kgf) | 最高使用油圧力 Max. Operation Pressure MPa(kgf/cm ²) | ドレン量 Leakage ℓ/min | 許容最高回転速度 Max. Speed min ⁻¹ | 質量 Net Weight kg | 慣性モーメント Moment of inertia kg·m ² |
|-------------------------------------|----------------------------------|---|-------------------------------|---|--------------------------|---|------------------------|---|
| Y0715RE | 15 | 42 | 13.9 (1417) | 4.0 (40.8) | 0.8 | 6000 | 4.5 | 0.003 |
| Y1020RE | 20 | 84 | 29.0 (2957) | 4.0 (40.8) | 0.8 | 6000 | 7.6 | 0.012 |
| Y1225RE | 25 | 120 | 42.0 (4283) | 4.0 (40.8) | 0.8 | 6000 | 10.5 | 0.023 |
| Y1530RE | 30 | 174 | 60.0 (6118) | 4.0 (40.8) | 0.8 | 5500 | 14.0 | 0.048 |
| Y2035RE | 35 | 290 | 108.0 (11013) | 4.0 (40.8) | 0.8 | 5500 | 22.5 | 0.098 |