



WORLD VALVE CO.,LTD

Remote Control Valve System



Product Information



Remote Control Valve System (Scotch Yoke & Rack and Pinion Type Hydraulic Actuator)



Specifications	
Oil Tank Volume	As necessary capacity
Electric Motor	Voltage - 3Φ 380V 60Hz x 2ea or 440V
Relief Valve Setting	140kgf/cm ²
Alarm	Low level, high temperature, low & high pressure

Scotch Yoke Type

Actuator Model: AV-HA20										
Output Torque (for working pre. 140kgf/cm ²)	18.6 kgf.m (183 N.m)	48.7 kgf.m (478 N.m)	102 kgf.m (1008 N.m)	192 kgf.m (1889 N.m)	373 kgf.m (3657 N.m)	503 kgf.m (4937 N.m)	699 kgf.m (6858 N.m)	1015 kgf.m (9952 N.m)	1413 kgf.m (13855 N.m)	1983 kgf.m (19438 N.m)
Working Temperature	-20°C / 80°C (Other temperature ranges on request)									
Max. Working Pressure	210 kgf/cm ²									
Test Pressure	315 kgf/cm ²									
Rotating Angle	90° ± 1									
End Adjustment	± 3°									
Valve Connection Flange (ISO5211)	F07/F10	F07/F10	F10/F12/F14	F14/F16	F14/F16	F16	F16/F25	F16/F25	F25/F30	F30/F35
Spindle Dimensions	As standard with key dimension according to ISO 773									

Rack and Pinion Type

Actuator Model:	AV-RA28	AV-RA36	AV-RA45	AV-RA56	AV-RA70	AV-RA90	AV-RA110	AV-RA140
Output Torque (for working pre. 140kgf/cm ²)	21.5 kgf.m (211 N.m)	42.7 kgf.m (419 N.m)	89 kgf.m (873 N.m)	172 kgf.m (1689 N.m)	323 kgf.m (3168 N.m)	712 kgf.m (6982 N.m)	1330 kgf.m (13038 N.m)	2586 kgf.m (25344 N.m)
Working Temperature	-20°C / 80°C (Other temperature ranges on request)							
Max. Working Pressure	140 kgf/cm ²							
Test Pressure	210 kgf/cm ²							
Rotating Angle	90° ± 1							
End Adjustment	± 3°							
Valve Connection Flange (ISO5211)	F07	F07/F10	F10/F12	F10/F12/ F14	F14/F16	F16/F25	F25/F30	F30/F35
Spindle Dimensions	As standard with key dimension according to ISO 773							