

A PISTON PUMPS 13

AR Series Variable Displacement Piston Pumps, Pressure Compensator Type	15
A Series Variable Displacement Piston Pumps	27
Single Pumps, Pressure Compensator Type	33
Single Pumps, Solenoid Two Pressure Control Type	55
Single Pumps, Pressure Compensator with Unloading Type	63
Single Pumps, Proportional Electro-Hydraulic Load Sensing Type	64
Single Pumps, Electro-Hydraulic Proportional Pressure & Flow Control Type	74
Single Pumps, Electro-Hydraulic Proportional Pressure & Flow Control Type- “OBE” Type	86
Single Pumps, Pilot Pressure Control Type Pressure Compensator	96
Single Pumps, Constant Power Control type	105
Double Pumps, Pressure Compensator Type	113
Variable/Fixed Double Pumps, Pressure Compensator Type	115
A3H Series Variable Displacement Piston Pumps	117
Single Pumps, Pressure Compensator Type	122
Single Pumps, Constant Power (Torque) Control type	141
Single Pumps, Load Sensing Type	150

B VANE PUMPS 159

“PV2R” Series Single Vane Pumps	163
“PV2R4A” Series Single Vane Pumps	177
“PV2R” Series Double Vane Pumps	181
“PV2R24A/34A” Series Double Vane Pumps	196

C PRESSURE CONTROLS 201

Remote Control Relief Valves	203
Direct Type Relief Valves	206
Pilot Operated Relief Valves	209
Low Noise type Pilot Operated Relief Valves	216
Solenoid Controlled Relief Valves	220
Low Noise type Solenoid Controlled Relief Valves	230
H/ HC Type Pressure Control Valves	237
Pressure Reducing (and Check) Valves	251
Pressure Reducing and Relieving Valves	260
Unloading Relief Valves	265
Brake Valves	271
Semiconductor Type Pressure Switches	272

D FLOW CONTROLS 275

Flow Control (and Check) Valves	277
Pilot Operated Flow Control (and Check) Valves	289
Restrictors/One Way Restrictors	299
Throttle (and Check) Modules	305
Deceleration (and Check) Valves	310
Feed Control Valves	318
Needle Valves	325

E DIRECTIONAL CONTROLS 327

Solenoid Operated / Solenoid Controlled Pilot Operated Directional Valves	331
DSG-005 Series Solenoid Operated Directional Valves	336
DSG-01 Series Solenoid Operated Directional Valves	344
DSG-03 Series Solenoid Operated Directional Valves	361

Low Wattage (5W) Type Solenoid Operated Directional Valves	378
Electronic Relay Incorporated Type Solenoid Operated Directional Valves	379
Solenoid Controlled Pilot Operated Directional Valves	381
G Series Solenoid Operated / Solenoid Controlled Pilot Operated Directional Valves ..	409
Solenoid Operated Directional Valves	412
Solenoid Controlled Pilot Operated Directional Valves	418
Pilot Operated Directional Valves	423
Manually Operated Directional Valves	429
Mechanically Operated Directional Valves	441
Rotary Type Directional Valves	441
Cam Operated Directional Valves	445
Poppet Type Directional Valves.....	451
Poppet Type Solenoid Operated Directional Valves	453
Multi Purpose Control Valves	459
Solenoid Operated Poppet Type Two-Way Valves	480
Shut-off Type Solenoid Operated Directional Valves	489
Check Valves / Pilot Controlled Check Valves	497
In-line Check Valves.....	498
Right Angle Check Valves	500
Pilot Controlled Check Valves	504

F MODULES 511

005 Series Modular Valves	517
01 Series Modular Valves	535
03 Series Modular Valves	577
06 Series Modular Valves	619
10 Series Modular Valves	633

G LOGIC VALVES 647

Directional/Directional & Flow Control Logic Valves	650
Solenoid Operated Directional Control Logic Valves	651
Relief Logic Valves	652
Solenoid Controlled Relief Logic Valves	653

H PROPORTIONAL ELECTRO-HYDRAULIC CONTROLS 655

EH Series Hybrid Components, Proportional Electro-Hydraulic Controls	656
Pilot Relief Valves	658
Pressure Control Valves	659
Relief Valves.....	660
Relieving and Reducing Valves	661
Flow Control (and Check) Valves	662
Flow Control and Relief Valves	663
High Flow Series Flow Control and Relief Valves	664
Directional and Flow Control Valves	665
High Response Type Directional and Flow Control Valves.....	666
E Series Proportional Electro-Hydraulic Controls	667
Pilot Relief Valves	670
Relief Valves.....	676
Relieving and Reducing Valves	685
40Ω Series Flow Control (and Check) Valves	695
10Ω Series Flow Control (and Check) Valves	705
40Ω-10Ω Series Flow Control and Relief Valves	712
10Ω-10Ω Series Flow Control and Relief Valves	722
High Flow Series Flow Control and Relief Valves	733
Shockless Type Directional and Flow Control Valves.....	743
Directional and Flow Control Valves	746
High Response Type Directional and Flow Control Valves.....	753
Direct Type.....	753
Two Stage Type	760
Power Amplifiers	766
Setting Adjusters.....	789

PISTON PUMPS **A**

VANE PUMPS **B**

PRESSURE CONTROLS **C**

FLOW CONTROLS **D**

DIRECTIONAL CONTROLS **E**

MODULES **F**

LOGIC VALVES **G**

PROPORTIONAL ELEC.-HYD. CONTROLS **H**

SERVO VALVES **I**

ACTUATORS **J**

POWER PACKAGES **K**

Others
ACCESSORIES **L**
DATA SHEET

I SERVO VALVES 797

High-Speed Linear Servo Valves798
 Direct Type798
 Two Stage Type800
 Linear Servo Amplifiers802
OBE (On-Board Electronics) Type Linear Servo Valves803

J ACTUATORS 805

CJT Series Standard Hydraulic Cylinders806

K HYDRAULIC POWER UNITS / POWER PACKAGES 809

Energy-Saving Hydraulic Units and Controllers810
 Energy-Saving Controller811
 Equipped with Variable Displacement Vane Pump <YM-e Pack>812
 Equipped with Variable Displacement Piston Pump <YA-e Pack>813
Space Saving & Low Noise Type Hydraulic Power Unit <YF Pack>814
Low Noise & Small Type Hydraulic Power Unit <YP Pack>815
Intelligent Hydraulic Servo Drive Pack816

L ACCESSORIES & Others 819

Accessories
 Air Bleed Valves820
 F3 Series Pipe Flange Kits821
 F5 Series Pipe Flange Kits824
 F6 Series Pipe Flange Kits829
Data Sheet
 O-ring Size833
 SAE Strait Thread O-ring Port835

Worldwide **YUKEN** Affiliated Companies and Distributors836