



Your Pipeline Solution Headquarters



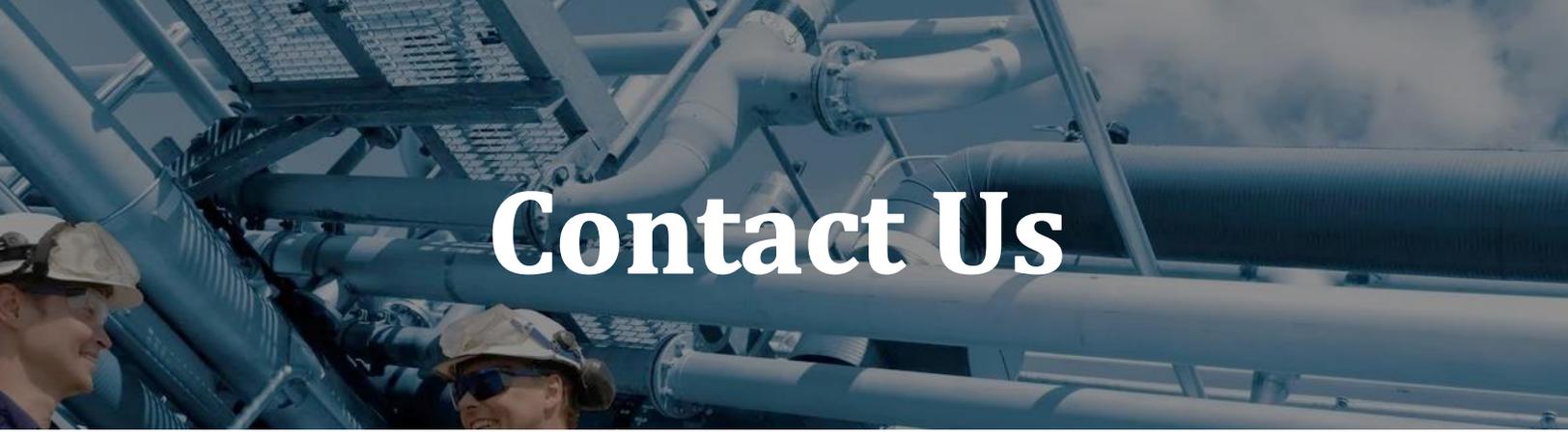
R.W. TOOLS & SUPPLY COMPANY

7201 County Road 42

Rosharon, TX 77583

(281)595-3474 * (281) 595-3475 Fax

www.rwtoolsandsupply.com



Contact Us

R.W. Tools & Supply Company

**7201 County Road 42
Rosharon, TX 77583**

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Dewayne: (832) 364-8143

Website:

www.rwtoolsandsupply.com





Your Pipeline Solution Headquarters

CUSTOMER SATISFACTION IS OUR TOP PRIORITY. WE TAKE PRIDE IN CUSTOMER SERVICE AND ARE COMMITTED TO ESTABLISHING RELATIONSHIPS THROUGH SUPERIOR SERVICE AND RESPONSE.

WE HAVE SPECIALIZED IN GAS MEASUREMENT AND PIPELINE PIGGING SINCE 1985.

R.W. TOOLS & SUPPLY COMPANY IS AT HOME ONSHORE AS WELLAS OFFSHORE IN PROVIDING EXCELLENT SERVICE.

**(281)595-3474 * (281) 595-3475 Fax
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Key Areas of Service



Gas Measurement Sales & Service



Pipeline Pigging



Closure Doors



WKM Valves Sales & Service

- **ORIFICE PLATES**
- **SINGLE & DOUBLE CHAMBER FITTINGS**
 - **PARTS FOR SINGLE & DOUBLE**
- **SEAL RINGS**
- **PIPELINE PIGS**
- **CUSTOM DESIGNED PIGS**
- **CLOSURE DOORS**
- **ORINGS (VITON & HMBR) CPA 50**
- **FLOW CONDITIONERS**
- **THERMOWELLS**
- **FLANGES**
- **WKM VALVES**
- **SR FITTING & FITTING PARTS**
- **ACTUATORS & CONTROLS**
- **VALVE & ACTUATOR**
 - **SERVICE & REPAIRS**
- **METER TUBE AND STATION INSPECTION & CLEANING**
- **ORIFICE FITTING REPAIRS**
- **FIELD & OFFSHORE SERVICE WORK**
- **GREASE AND INSPECT VALVES**
- **INSTALL VALVE & METER TUBES**
- **CUSTOM WORK & SOLUTIONS**

Your Pipeline Solution Headquarters

GAS MEASUREMENT EQUIPMENT

PRODUCT & SERVICES

Field & Offshore Work



Bolts & Gaskets



Orifice Plates



JR&SR Fittings



CPA 50 Flow Conditioners



Seal Rings



JR & SR Fitting Parts

Skid Meter Houses

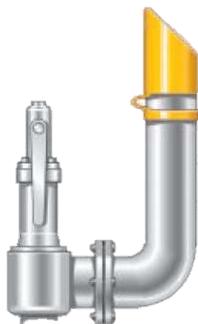
Closure Doors



Weather Caps

Gauges

Chart Recorders



R.W. Tools & Supply Company provides a wide range of services to the oil and natural gas industry which we specialize in gas measurement equipment, supplies, and services. R.W. Tools & Supply Company does full service repairs on all Dual Chamber and Single Chamber Fitting from 2" thru 36" in the field. R.W. Tools & Supply Company has a full service, fully equipped enclosed trailer for handling most any field job. R.W. Tools & Supply Company sells new and reconditioned quality measurement products such as Meter Runs, Orifice Plates, Seal Rings, Valves and Chart Recorders at competitive prices.



**Don't lose money
by pushing off
maintenance!**

**WE ARE HERE TO HELP YOU
GET YOUR PIPELINE
MAINTENANCE DONE!**

- Meter Tube Inspection & Cleaning
- Meter Station Inspection & Installation
- Sr. & Jr. Orifice Fitting Repairs & Parts
 - Field/ Offshore Service Work
 - Install Valve & Meter Tubes
 - Custom Work & Solutions
 - New Parts Sales



**ALL Your Pipeline Cleaning
Needs in One Place!**

CLOSURE DOORS



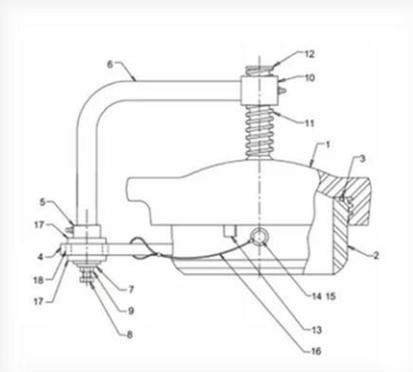
Closure Design Options



We supply parts and service for Modco, Huber Yale and Sentry Door from 2" - 76". We also supply component parts for Trolley Assembly, Hinge Assembly and O-rings in various compounds.

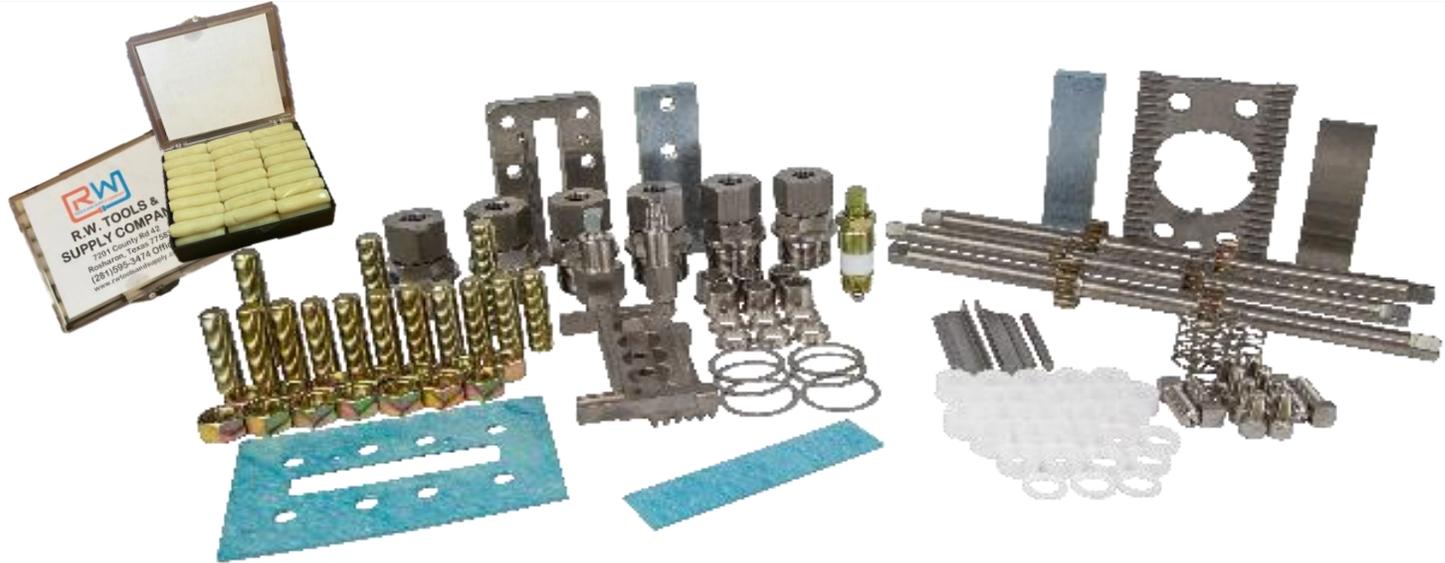


O-rings



Component Parts



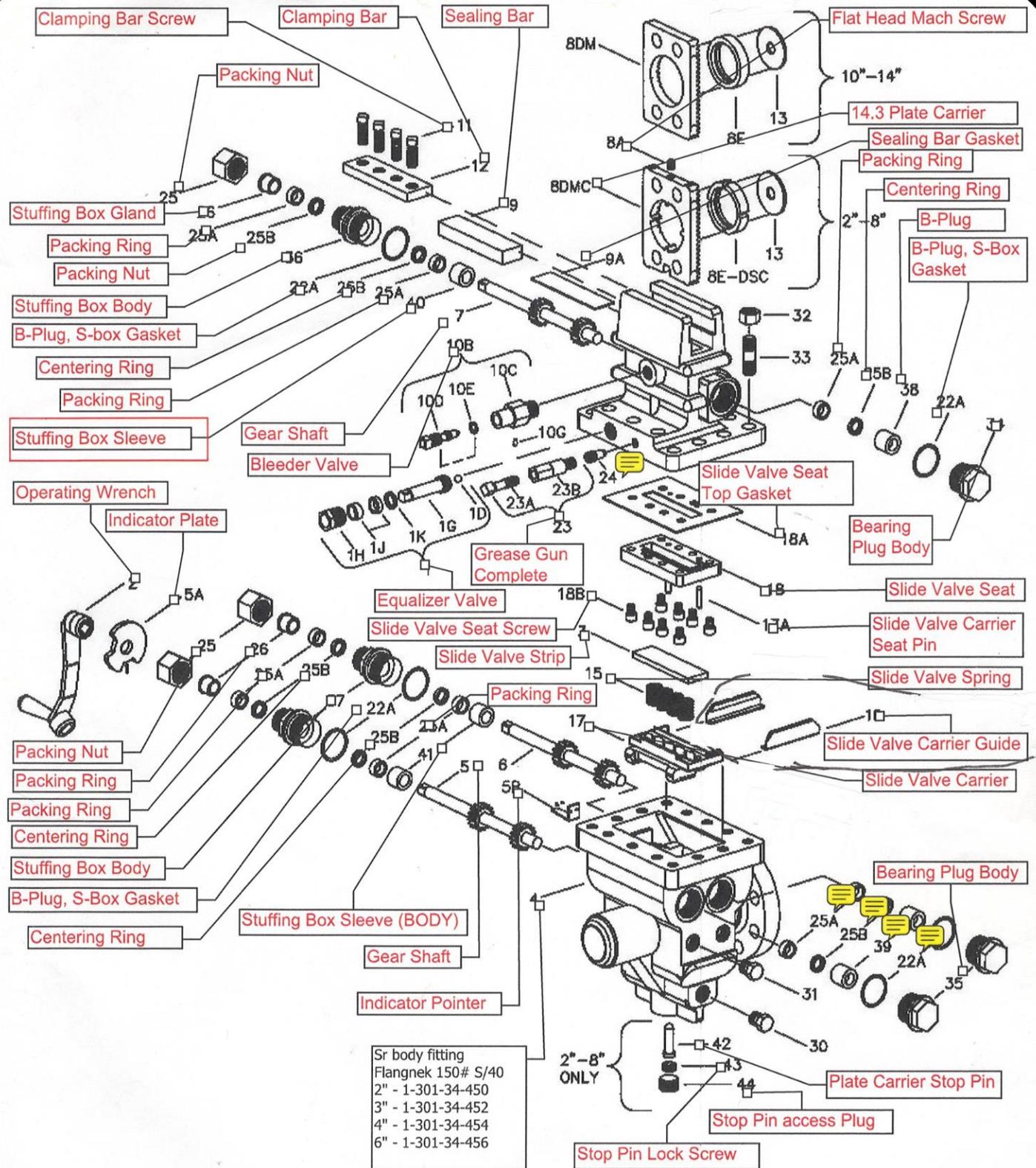


SR. & JR. ORIFICE FITTING REPAIRS & SERVICE





SR FITTING PARTS



PART NO.	DESCRIPTION	NUMBER & SIZE REQUIRED							MATERIAL
		2"	3"	4"	6"	8"	10"	12"	
*7313	EQUALIZER VALVE (COMPLETE):	1	1	1	1	1	1	1	CARBON STEEL (BODY)
*7313-1GP	STEM	1	1	1	1	1	1	1	316 STAINLESS STEEL
*7313-1 HP	PACKING ADJUSTMENT NUTS	1	1	1	1	1	1	1	316 STAINLESS STEEL
*7313-1DP	BALL	1	1	1	1	1	1	1	HARDEN CHROME-STEEL
*7313-1 KP	PACKING WASHER	1	1	1	1	1	1	1	316 STAINLESS STEEL
*7313-1TP	TEFLON PACKING	1	1	1	1	1	1	1	TEFLON SLEEVES
*7302	DUCTILE IRON OPER. WRENCH	1	1	1	1	1	1	1	DUCTILE IRON
7321-X	VALVE STRIP	1	1	1	1	1	1	1	17-4 PRECIP. HARDNESS STAINLESS STEEL
7330-B	LOWER ORIFICE BODY	1	1	1	1	1	1	1	A-216-WCC CRBN STL or WCB or SS
7319-X	VALVE SHAFT WITH PINION	1	1	1	1	1	1	1	CARBON STEEL
*7300-PI	VALVE CARRIER POSITION INDICATOR	1	1	1	1	1	1	1	ALUMINUM
*7300-IP	VALVE CARRIER POSITION POINTER	1	1	1	1	1	1	1	STAINLESS
7319-X	SHFT/PINION ASSEMBLY - LWR	1	1	1	1	1	1	1	CARBON STEEL
7319-X	SHFT/PINION ASSEMBLY - UPPR	1	1	1	1	1	1	1	CARBON STEEL
7323-X	PLATE CARRIER	1	1	1	1	1	1	1	CARBON STEEL
54DS-XX	ORIFICE SEAL (REPLACEABLE)	1	1	1	1	1	1	1	NITRILE
54TS-XX	ORIFICE PLT SEALING UNIT (REPLACEABLE)	1	1	1	1	1	1	1	TEFLON
54DVS-XX	VULCANIZED SEAL WITH ORF. PLT. <small>BONDED TO BOTH SIDES</small>	1	1	1	1	1	1	1	NITRILE (12" & UP RECOMMENDED)
7324-X	SEALING BAR	1	1	1	1	1	1	1	CARBON STEEL
7325-X	SEALING BAR GASKET	1	1	1	1	1	1	1	KLINGER 4401
*7301	BLEEDER VALVE ASSEMBLY	1	1	1	1	1	1	1	CARBON STEEL PLATED
*7301-CP	BLEEDER VALVE BODY	1	1	1	1	1	1	1	CARBON STEEL
*7301-DP	EQUALIZER VALVE CONE PT. INR	1	1	1	1	1	1	1	316 STAINLESS STEEL
*7301-EP	"O" RING	1	1	1	1	1	1	1	VITON
7218	CLAMPING BAR SCREWS	4	4	5	6	7	8	10	CARBON STEEL CAD PLATED
7218SS		4	4	5	6	7	8	10	316 STAINLESS STEEL (7218SS)
7141-X	CLAMPING BAR	1	1	1	1	1	1	1	C/STEEL (CHEM TREATED)
24XX	ORIFICE PLATE	1	1	1	1	1	1	1	AS ORDERED
7330-T	ORIFICE TOP	1	1	1	1	1	1	1	A-216 WCC CRBN STL. or WCB or SS
*7307	VALVE SPRINGS	4	4	4	6	6	6	7	STAINLESS STEEL
*7305	VALVE GUIDES	2	2	2	2	2	2	2	316 STAINLESS STEEL
7320-X	VALVE CARRIER	1	1	1	1	1	1	1	316 STAINLESS STEEL
*7320-SP	DOWELL PIN STOPS	2	2	2	2	2	2	2	316 STAINLESS STEEL
7318-XX	SEAT	1	1	1	1	1	1	1	17-4 PRECIP HARDNESS S.S
7322-X	VALVE SEAT GASKET	1	1	1	1	1	1	1	KLINGER 4401
*7306	SEAT SCREWS	8	10	11	14	16	18	20	CARBON STEEL
7303	UPPER BEARING PLUG	1	1	1	1	1	1	1	CARBON STEEL PLATED
7304	UPPER STUFFING BOX (BODY ONLY)	1	1	1	1	1	1	1	CARBON STEEL PLATED
7304	LOWER STUFFING BOX (BODY ONLY)	2	2	2	2	2	2	2	CARBON STEEL PLATED
7303	LOWER BEARING PLUG	2	2	2	2	2	2	2	CARBON STEEL PLATED
*7316	STUFFING BOX GASKET	6	6	6	6	6	6	6	ANNEALED COPPER
7312	GREASE GUN ASSEMBLY	1	1	1	1	1	1	1	STAINLESS
*7312B	BODY	1	1	1	1	1	1	1	STAINLESS
*7312-S	STEM	1	1	1	1	1	1	1	STAINLESS
*7312-1	BALL CHECK VALVE	1	1	1	1	1	1	1	STAINLESS STEEL
*7304-1	STUFFING BOX PACKING NUTS	3	3	3	3	3	3	3	CARBON STEEL
*7308-XX	TEFLON PACKING (VARIES)	1 SET	1 SET	1 SET	1 SET	1 SET	1 SET	1 SET	TEFLON SLEEVES
7308-14	STUFFING BOX CENTERING RINGS	15	15	15	15	15	15	15	TEFLON SLEEVES
*7314	STUFFING BOX GLAND	3	3	3	3	3	3	3	316 STAINLESS STEEL
*7315	RETAINER	3	3	3	3	3	3	3	316 STAINLESS STEEL
6607-34	3/4" DRAIN VALVE PLUGS	2	2	2	2	2	2	2	ASTM A 105
*6607-12	1/2" N.P.T. PLUGS FOR PRESS. TAPS	4	4	4	4	4	4	4	ASTM A 105
7326-XX	HEAVY HEX NUTS	14	15	15	18	19	22	22	ASTM A 193 B-7
665EXX	STUDS	14	15	15	18	19	22	22	ASTM A 193 B-7

DUAL CHAMBER ORIFICE FITTING

Skid
Mount



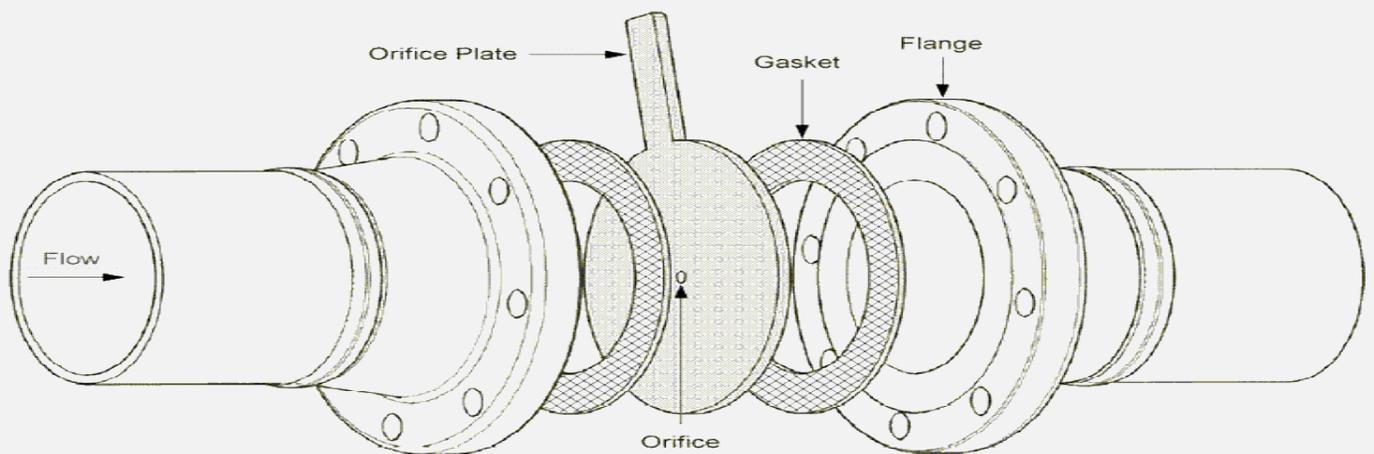
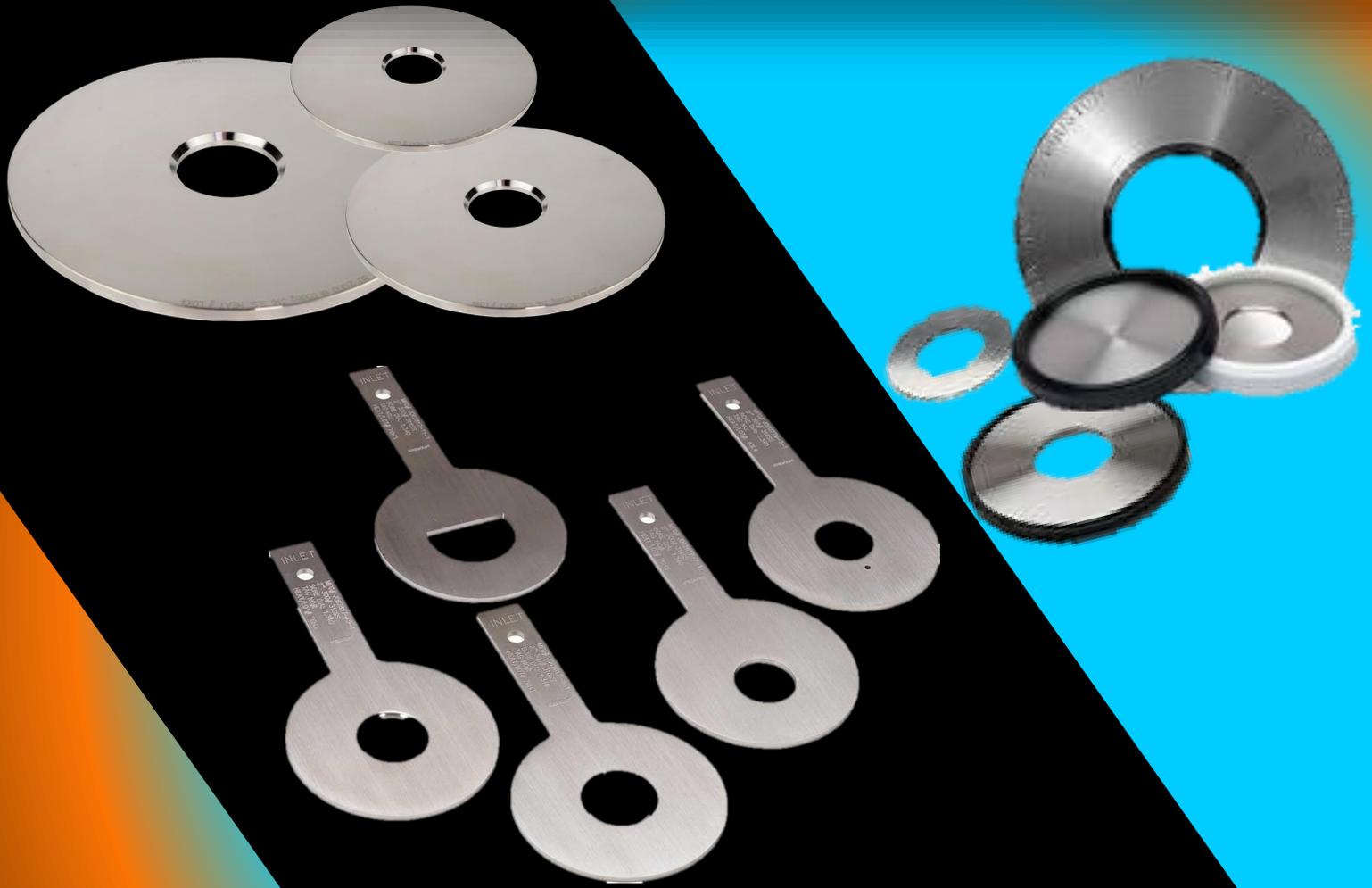
Meter
House on
Skid



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ORIFICE PLATES



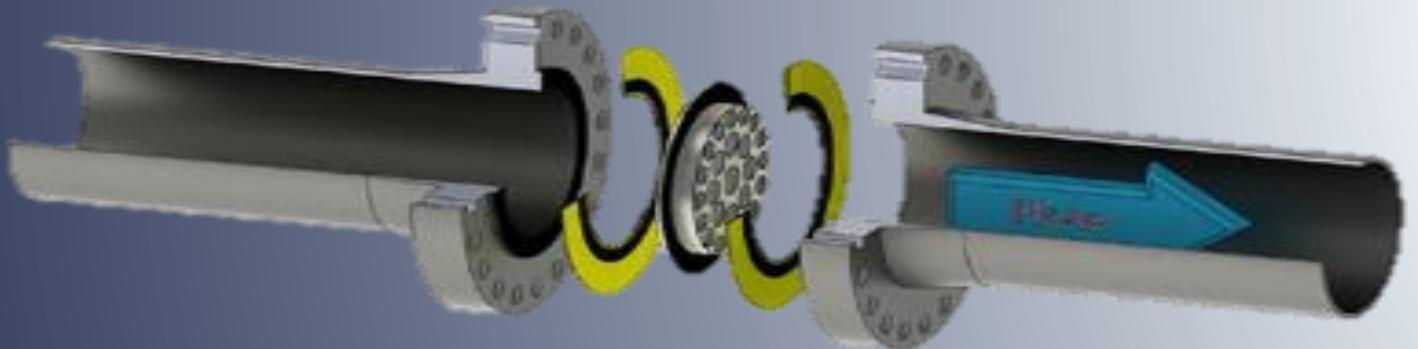
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CPA 50

CPA 50E Spacer Dimensions (Sch 40 and Larger)

Flow Conditioner Size	Pipe Inside Diameter (D)	CPA 50E Total Thickness (T)	CPA 50E Flange Thickness (FT)	Insertion Thickness (IT)	Spacer Thickness (ST)
2 FOEL 40	2.067	0.500	0.125	0.375	0.375
3 FOEL 40	3.068	0.640	0.250	0.390	0.500
4 FOEL 40	4.026	0.604	0.250	0.354	0.375
6 FOEL 40	6.065	0.910	0.250	0.660	0.750
8 FOEL 40	7.981	1.197	0.375	0.822	0.875
10 FOEL 40	10.020	1.503	0.375	1.128	1.250
12 FOEL 40	11.938	1.791	0.375	1.416	1.500
16 FOEL 40	15.000	2.250	0.500	1.750	1.750

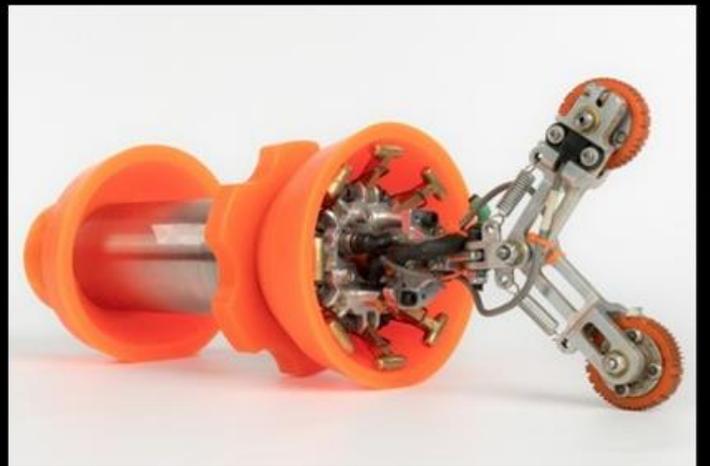


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DIGI-CAL Tool

The “Digi-Cal” offers interactive reporting that breaks down all features throughout the line including main line valves, tee’s, bends, pipe wall thickness, welds, and any deformations (anomalies/dents) that have occurred on the line. While using the footage (stationing) from the tool we can also locate and identify line debris.



**Contact us
for more
information!**

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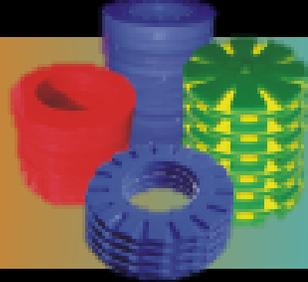
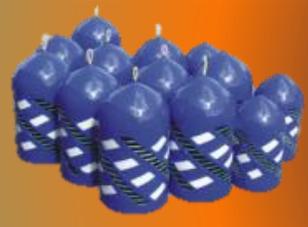


Pipeline Pigging Solutions





Pipeline Pigging Solutions



Urethane Foam Pipeline Pigs

Sphere Pigs

Metal Mandrel Pipeline Pigs

Solid Cast Urethane Pigs

Urethane Cups and Discs

- Polly Pigs
- Ultra-Seal Lite Pig
- Custom Foam Pigs
- Ultra-Seal Pigs
- Hand-Launch Pig
- Polly Disc Pig

- Urethane Foam Sphere Pigs
- Inflatable Sphere Pigs
- Custom Sphere Pigs
- Wire Brush Sphere Pigs
- Polly Sphere Pigs

- Bi-Directional Pig
- Metal Mandrel Pig
- Scraping Pigs
- Batching Pig
- Multi-dimensional Pigs

- K-Disc Pig
- Polly Tri-Cup Pig
- Nova System Pig
- Solid Cast Urethane Disc Pig
- Ultra-Flex Pig
- Ultra-Cast Pig
- Nova-Cast Pig

- Standard Cup
- Standard Discs
- DC Cup
- Conical Cup
- Squeegee Discs
- Multi-dimensional Cup
- Multi-Dimensional Discs
- Specialty Cups and Discs

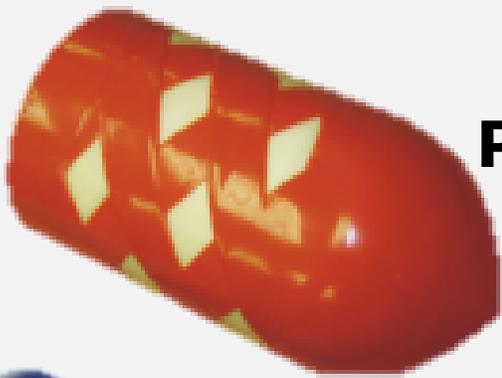


Custom Designed Pigs

Custom designed pigs for specific applications that require more from a pig than is offered by a standard "off-the-shelf" pigs

R.W. Tools & Supply Company specializes in Multi-Dimensional Pigging and On-Site Pigging, Sale and Service of Wire Brush, Polly Pigs, Nova, Bi-Directional Pigs, Custom Design Pigs w/custom urethanes. We also repair Closure Doors and supply parts.

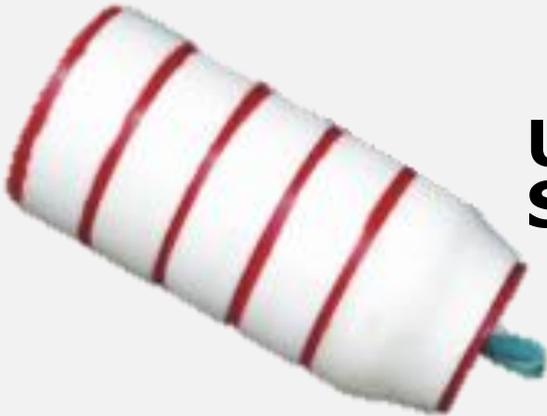




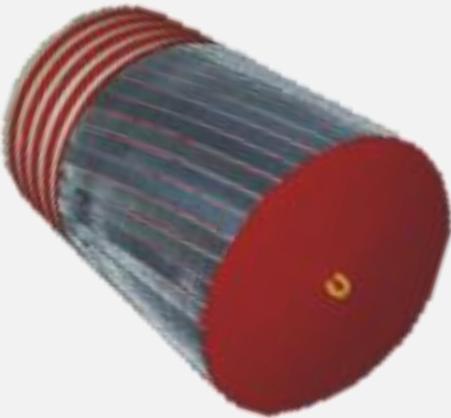
Polly Pigs



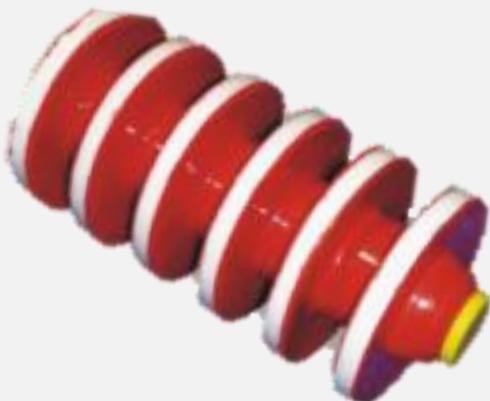
Ultra-Seal Lite



Ultra Seal



Foam Disc



Hand Launch



Urethane Foam Pipeline Pigs



Sphere Pigs



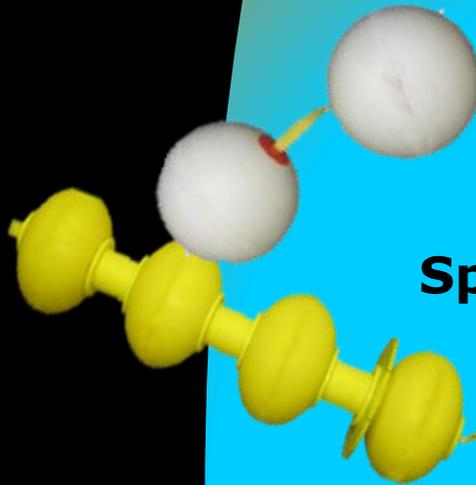
**Inflatable
Sphere Pigs**



**Polly Sphere
Pigs**



**Wire Brush
Sphere Pigs**



**Custom
Sphere Pigs**



**Urethane Foam
Sphere Pigs**

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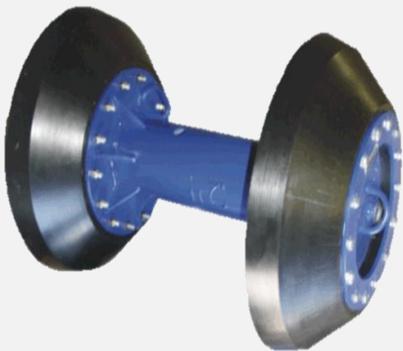
Bi-Directional Pig



Metal Mandrel Pig



Scraping Pigs



Batching Pig



Multi-dimensional Pigs



Metal and Aluminum Mandrel Pipeline Pigs



Solid Cast Urethane Pigs



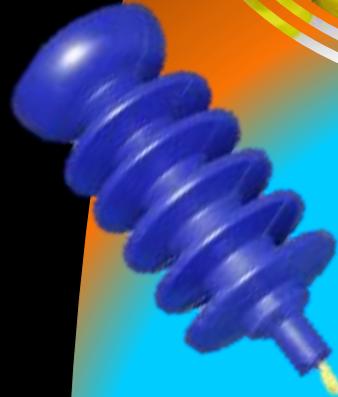
K-Disc Pig



Polly Tri-Cup Pig



Nova System Pig



Ultra-Flex Pig



Solid Cast Urethane Disc Pig



Ultra-Cast Pig



Nova-Cast Pig

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**Standard
Cup**



**Standard
Discs**



DC Cup



**Conical
Cup**



**Squeegee
Discs**



**Multi-
dimensional
Cup**



**Multi-
Dimensional
Discs**



**Specialty
Cups and
Discs**



Urethane Cups and Discs

for Pipeline
Utility Pigs



Custom Designed Pigs



R.W. Tools designs pipeline pigs to suit specific applications from severe multi-dimensional pipe size changes to passing through unusual fitting configurations.



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Valve Solutions Sales & Service



Valve Solutions

- **Installation**
 - **Removal**
 - **Repair**



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**Stock
Valves!**



- **PIPELINE GATE VALVES**
- **SLAB**
- **EXPANDING DESIGN**
- **FLOATING**
- **TRUNNION MOUNTED BALL VALVES**



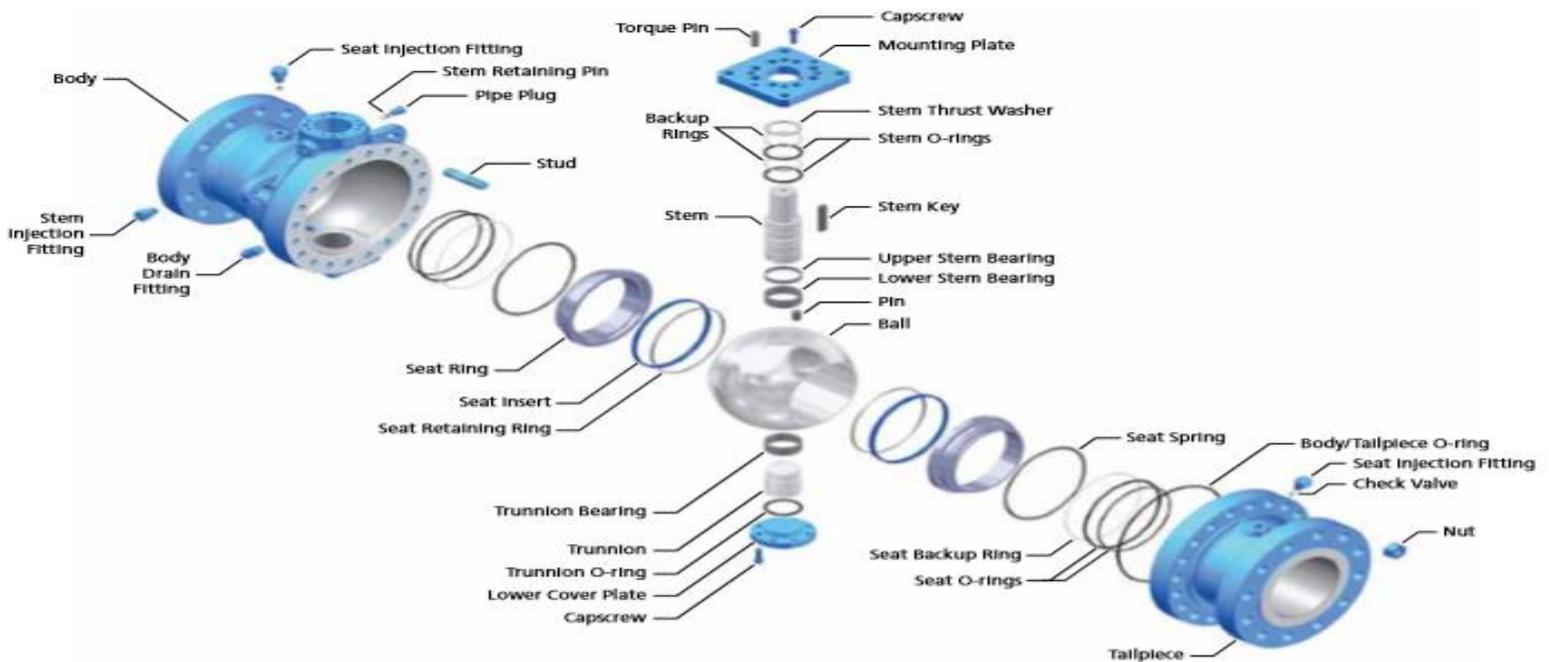
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WKM 370D6 TRUNNION MOUNTED BALL VALVES

Designed and engineered for heavy-duty performance in general purpose petroleum and chemical process applications

STANDARDS AND SPECIFICATIONS



WKM 370D6 trunnion mounted ball valves are designed and engineered for heavy-duty performance. Used in many general purpose petroleum and chemical process applications, these valves also can be specified for more demanding applications.

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Triple Offset Valve



The WKM triple-offset valve (TOV) incorporates true triple-offset geometry to provide bubble-tight sealing. The result is the fully bidirectional zero-leakage shutoff valve that sets the benchmark for reliable, repeatable isolation performance.

Applications

Specifications

- True triple-offset geometry
- Fully bidirectional zero-leakage shutoff
- Field-replaceable metal seat
- Life cycle tested for bubble-tight bidirectional valve performance
- Standard bearing seals
- Self-centering disc
- Wide range of configurations—lug, short (ISO), and long pattern
- Carbon and stainless-steel manufacturing standard; other materials on request

Broad applications. One solution.

- The WKM TOV meets the demanding requirements for bidirectional shutoff to deliver high-quality isolation for a range of applications, including power and steam, tank and terminal, petrochemical, upstream production, refining, and gas processing operations.

Rigorous testing and advanced engineering

- As a member of the proven quarter-turn butterfly valve portfolio, each WKM TOV undergoes arduous qualification and testing processes that simulate the valve life cycle. That's how you know it's been designed and built with the manufacturing excellence and commitment that distinguish all product lines.

Worldwide footprint and support

- Our global support and strategic networks brings the WKM TOV where it's needed, when it's needed—fully designed, tested, qualified.

Refining and petrochemical processing

- Hydrocarbon processing
- Hydrogen
- Oxygen
- Cryogenic fluids
- Thermal fluids
- Hot gases
- Sulfur (tail gas)
- Chemical solvents
- Chlorinated solvents
- Flare gas

Oil and gas

- Isolation of reservoirs and storage
- Steam piping and condensate
- Cooling water systems
- Desalinization
- Desulfurization systems

Midstream

- Tank and terminal
- Tank switching
- Tank isolation
- Manifold systems

Offshore production

Gas and LNG processing

Power and district steam heating

- Saturated and superheated steam
- Geothermal steam



WKM 320 SERIES

THE WKM 320 SERIES FLOATING BALL VALVE FEATURES A PATENT-PENDING SEAT THAT ENABLES INTERNAL CAVITY RELIEF WHILE MAINTAINING BIDIRECTIONAL SEALING CAPABILITY.

Advantages

1. Bidirectional sealing capability
2. Built-in cavity relief to prevent excess pressure buildup around the ball
3. Lower break-to-open torque for reduced actuation requirement and easier operation



IN EVERY TRIM, WKM 320 SERIES VALVES INCLUDE NACE COMPLIANCE, FUGITIVE-EMISSIONS CAPABILITIES, AND FIRE-TEST CERTIFICATION TO API SPEC 607 7TH ED.



WKM MODEL 310C FLOATING BALL VALVE



Specifications

Standard Features

Size range: 4" to 8" X 6" (100 mm to 200 mm X 150 mm)

- ASME Classes: 150 to 300
- Designed and tested to B16.34
- Adjustable graphite stem packing
- Carbon steel and stainless steel trims
- Fire-tested to API 607
- Deep-pocketed recessed seat
- Conforms to NACE MR0175/ISO 15156 for sour service

Optional Features

CE/PED

- API 598

THE WKM MODEL 310C FLOATING BALL VALVE HAS BEEN DESIGNED TO MEET OR EXCEED TODAY'S REQUIREMENTS FOR A VARIETY OF APPLICATIONS INCLUDING OIL AND GAS, CHEMICAL AND PETROCHEMICAL, REFINING, AND POWER GENERATION.



WKM Model 370D4 trunnion-mounted ball valve

Sizes: 2" to 16" (50 mm to 400 mm)

Pressure Classes: 150 up to 2500, 5000#*

Features and Specifications:

Provisions for secondary seat sealant or stem sealant injection

- Designed in accordance with ANSI B16.34
- Manufactured and tested in accordance with API 6D
- Fire-tested to API 607 and API 6FA
- NACE MR0175/ISO 15156

WKM Model 370D5 trunnion-mounted ball valve

Sizes: 18", 20", and 24" (450 mm, 500 mm, and 600 mm)*

Pressure Classes: 150 up to 600*

Features and Specifications:

Three-piece forged construction

- Double block-and-bleed
- Stem and seat injection
- Adapter plate for direction mount gear
- API 6D
- NACE MR0175/ISO 15156
- Fire-Tested to API 6FA

In addition, the WKM 370D5 trunnion mounted ball valve can be supplied to comply with these standards:

- API 598 (valve inspection and testing)
- ASME B16.104 (valve seat leakage)

WKM Model 370D6 trunnion-mounted ball valve

Sizes: 2" to 16" (50 mm to 400 mm)*

Pressure Classes: 150 up to 2500*

Features and Specifications:

- Double block-and-bleed operation
- API 6D, 598, 608, and 607 6th Ed. fire-test
- NACE MR0175/ISO 15156 for buried service
- ASME B16.34 (valves, flange end)

In addition, WKM 370D6 trunnion mounted ball valves can be supplied to comply with these standards:

- CE/PED
- ISO 5211 top works
- CRN



WKM D Series Ball Valves

The WKM D Series ball valves satisfy a wide range of ANSI and API 6D applications. Engineered for heavy-duty, reduced-maintenance performance and manufactured in a variety of body and seal materials, the WKM D Series valves are commonly selected for many specialized applications such as gas distribution, gas transmission, oilfield production, and industrial applications.



The WKM Model 210A floating ball valve is a two-piece design with a ductile iron body and tailpiece. This economical valve includes many of the premium design features found in the WKM carbon steel 310C and 310F ball valves.

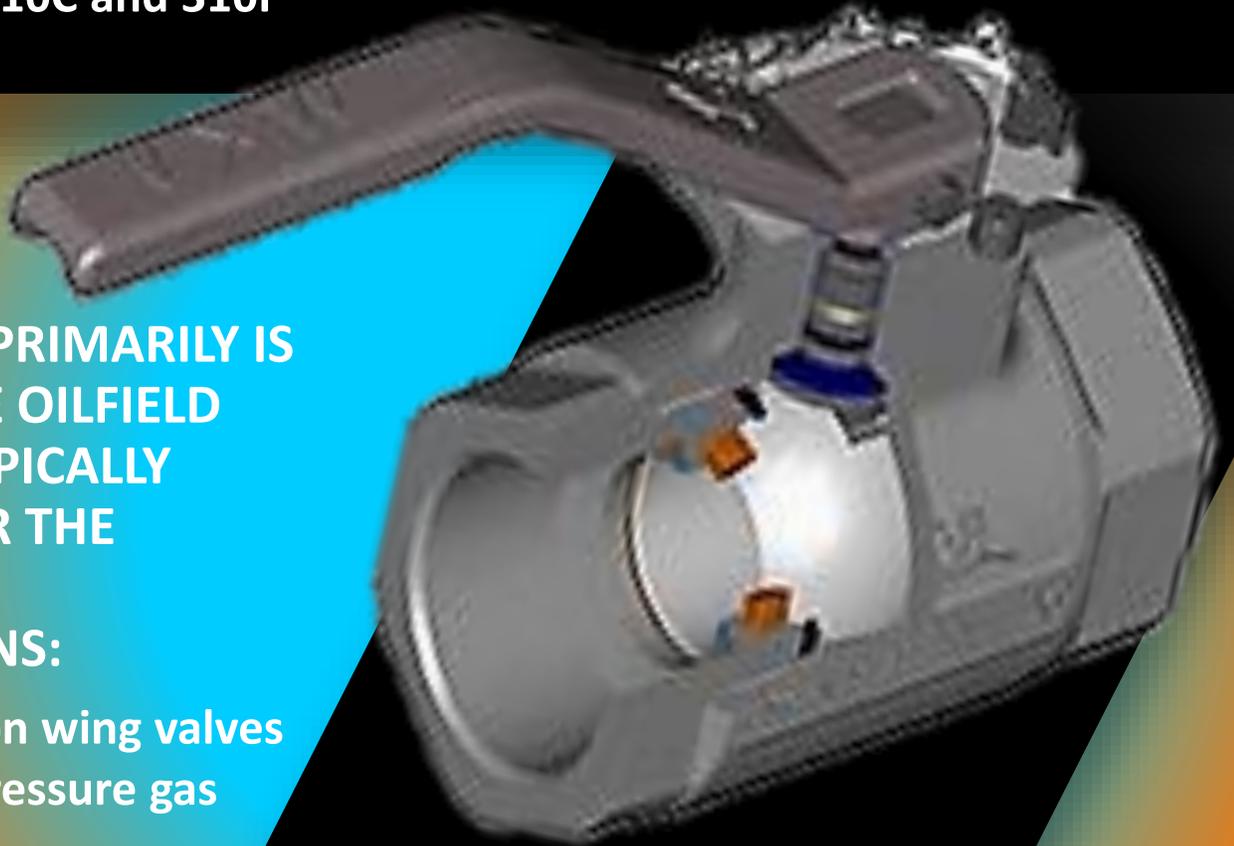
WKM MODEL 210A FLOATING BALL VALVE

THIS VALVE PRIMARILY IS USED IN THE OILFIELD MARKET, TYPICALLY CHOSEN FOR THE FOLLOWING APPLICATIONS:

- Production wing valves on low-pressure gas wells
- Production flowlines
- Production gathering systems for water, oil, and gas
- Gas blowdown service
- Tank batteries for storage or production
- Frac water tanks

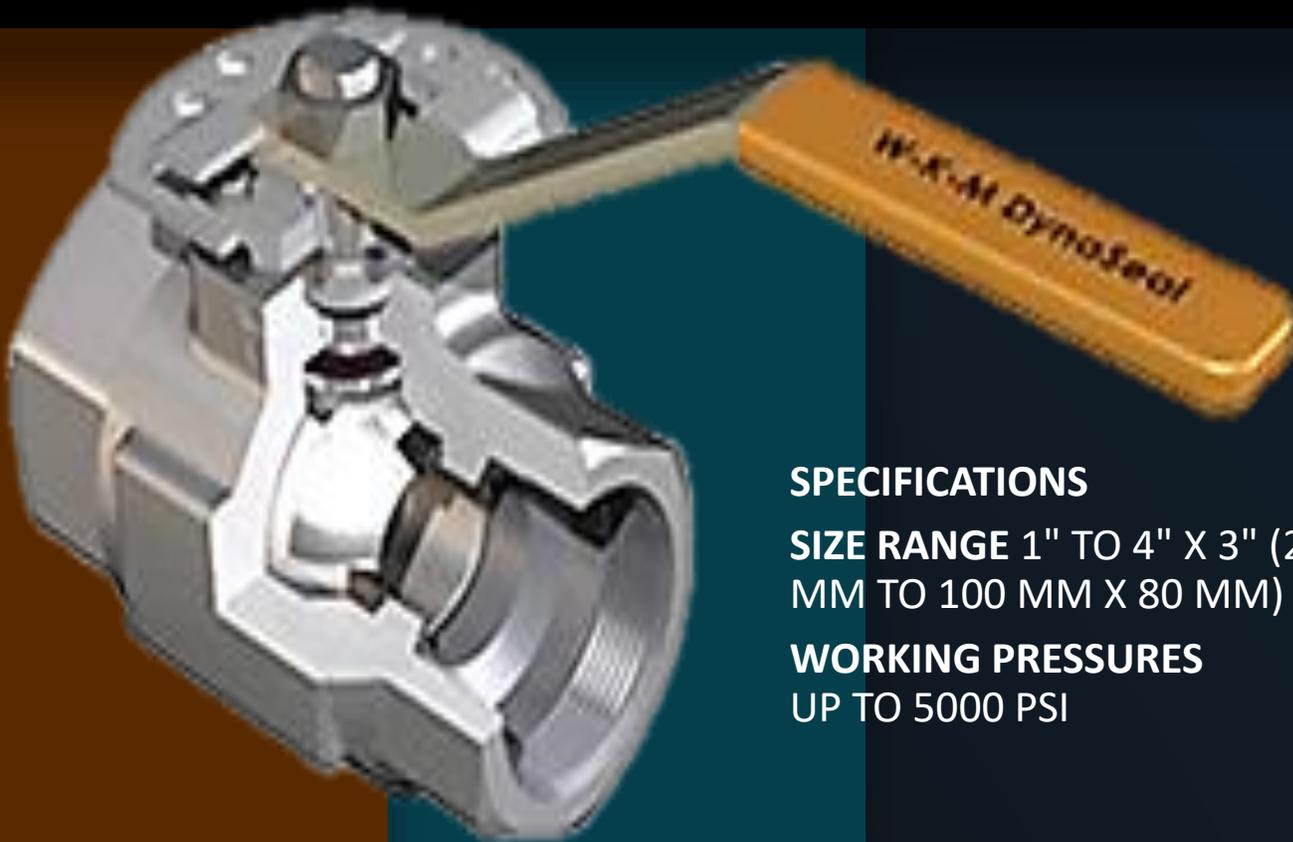
Specifications

- Sizes 1" to 4" x 3" (25 mm to 100 mm x 80 mm)
- Working Pressures 1000 to 2000 psi
- Maximum Pressure Ratings 1" to 3" x 2" (25 mm to 80 mm x 50 mm); 2000 psi
- 3" x 3" to 4" x 3" (80 mm to 100 mm x 80 mm); 1500 psi



WKM MODEL 310C5 FLOATING BALL VALVE

THE WKM MODEL 310C5 FLOATING BALL VALVE SATISFIES A WIDE RANGE OF APPLICATIONS. ENGINEERED FOR HEAVY-DUTY, REDUCED-MAINTENANCE PERFORMANCE, AND AVAILABLE IN A VARIETY OF MATERIALS, THE WKM 310C5 BALL VALVE IS PREFERRED FOR USE IN CRITICAL APPLICATIONS.



SPECIFICATIONS

SIZE RANGE 1" TO 4" X 3" (25 MM TO 100 MM X 80 MM)

WORKING PRESSURES
UP TO 5000 PSI

SLURRIES AND ABRASIVE LADINGS

SEAT TRIM 92H HAS BEEN DEVELOPED TO HANDLE HIGHLY ABRASIVE SLURRIES SUCH AS LIME MUD, CATALYSTS, AND COAL SLURRIES. USING 316 STAINLESS STEEL AS A BASE, THE BALL AND SEATS ARE COATED WITH AN ABRASION-RESISTANT SKIN OF CHROMIUM OXIDE AND ARE LAPPED TOGETHER TO FORM A MATCHED METAL-TO-METAL SEALING SET. THE COATING HAS A HARDNESS OF VICKERS 1200 TO 1400, WHICH IS APPROXIMATELY EQUIVALENT TO ROCKWELL C 72-74. VALVES TRIMMED FOR THIS SERVICE CAN BE RATED UP TO 600° F (316° C)

SOUR OIL AND GAS SERVICE

DYNASEAL BALL VALVES HAVE SERVED FOR YEARS IN GATHERING LINES, MANIFOLDS, AND FIELD PROCESSING UNITS IN SOUR OIL AND GAS FIELDS. THEY CAN BE TRIMMED TO CONFORM WITH NACE MR-01-75



The WKM Model 310F floating ball valve satisfies a wide range of applications. Engineered for heavy-duty, reduced-maintenance performance, the WKM 310F ball valve is commonly selected for a variety of applications in a wide range of industries. This includes numerous applications in the chemical and petrochemical industry.

Specifications

- Standard Features
- Size range: 1" to 4" x 3" (25 mm to 100 mm x 75 mm)
- ASME Class: 150 to 600
- Designed and tested to B16.34
- Adjustable graphite stem packing
- Carbon steel and stainless steel trims
- Fire-tested to API 607
- Deep-pocketed recessed seat
- NACE MR0175/ISO
- High- and Low-Temperature Service:

Special high-temperature trims are available for DynaSeal 310 ball valves that provide for service up to 600° F (316° C). This trim is good for steam service, hot oil, heat transfer fluids, boiler feed water, and similar applications. Low-temperature service standard trims accommodate temperatures up to -50° F (-29° C). For temperatures below -50° F (-46° C), contact us.

WKM Model 310F FLOATING BALL VALVE



WKM MODEL 310F2 FLOATING BALL VALVE



Specifications

Standard Features

- Size range: 4" to 8" X 6" (25 mm to 200 mm X 150 mm)
- ASME Class: 600
- Operating temperatures: -20° F to 220° F (-29° C to 104° C)
- Carbon steel body
- Carbon steel and stainless steel ball/stem
- **Industry Compliance**
ANSI B16.34
- API 607 fire-test specification

WKM Model 310F2 floating ball valve satisfies a wide range of applications. Engineered for heavy-duty, reduced-maintenance performance, the WKM 310F2 ball valve is commonly selected for a variety of applications in a wide range of industries.



**WKM MODEL C50
FLOATING BALL VALVE
IS A TWO-PIECE
THREADED END VALVE
THAT SATISFIES A WIDE
RANGE OF
APPLICATIONS.**

WKM MODEL C50 FLOATING BALL VALVE

STANDARD FEATURES:

- **TWO-PIECE THREADED END BALL VALVE**
- **FIRE-TESTED AND CERTIFIED TO API 607 4TH EDITION**
- **WORKING PRESSURE: 5000 PSI**
- **CONFORMS TO NACE MR0175 (2002) SPECIFICATIONS**
- **POSITIVELY RETAINED STEM DESIGN**
- **STANDARD STEM LUBRICATION WITH FITTING**
- **TAMPER-PROOF DOUBLE-LOCKING PLATE**



**(281)595-3474 * (281) 595-3475 Fax
www.rwtoolsandsupply.com**



WKM High Performance Double Offset Butterfly Valve



In addition, our WKM high-performance butterfly valve satisfies a wide range of industrial applications. Engineered for heavy-duty, maintenance-free performance in a variety of uses, the WKM high-performance butterfly valve is most commonly selected for the following applications:

- Chemical and petrochemical processing
- Utilities
- Pulp and paper
- Oil and gas production
- Fuel handling systems
- Air conditioning and refrigeration
- Marine
- Available in carbon steel or stainless steel, as well as lug and wafer body styles, they can be specified in sizes 2-1/2" through 36" (65 mm through 900 mm), pressure Class 150; 2-1/2" through 24" (65 mm through 600 mm), pressure Class 300; and 3" through 12" (80 mm through 300 mm), pressure Class 600.

WKM high-performance butterfly valve offers the high performance of ball and gate valves with the low-cost, lightweight benefits of a butterfly valve design. It is ideal for handling water, oil, steam, gas, and slurries.



WKM POW-R-SEAL EXPANDING GATE VALVE



THE POSITIVE, MECHANICAL SEATING FORCE OF THE LOCK-IN-PLACE SEALS HOLDS WITH ZERO LEAKAGE THROUGH CONDITIONS OF VIBRATION, PRESSURE CHANGE, AND TEMPERATURE EXCURSION. THE RIGID, CAST STEEL BODY RESISTS PIPELINE BENDING MOMENTS. TFE SEALS ON BOTH FACES OF THE VALVE PROVIDE DROP-TIGHT SEALING EVEN AT LOW DIFFERENTIAL PRESSURE, WHILE METAL-TO-METAL CONTACT BETWEEN THE SEALS AND GATE MECHANISM PROVIDES FIRE-SAFE SHUTOFF. OPTIONAL ALL-METAL SEALS ALSO ARE AVAILABLE FOR SERVICE UP TO 1000° F (538° C), WHERE LEAKAGE RATES COMPLY WITH API 6D, SUPPLEMENT 2. OUR WKM POW-R-SEAL GATE VALVE IS THE CHOICE OF LIQUID PIPELINE OPERATORS BECAUSE IT TOLERATES THE WAX, PARAFFIN, ABRASIVES, AND MULTIPRODUCT FLOW THAT CAUSES PROBLEMS IN OTHER VALVE DESIGNS.

Specifications

- The WKM Pow-R-Seal gate valve provides these specific advantages resulting in reliable performance and long life: Protection of seat faces
- Smooth, continuous conduit for flow
- Tight mechanical seal and double block-and-bleed capability
- Fugitive emissions-tested SLS stem seal
- In-line, field repairable
- Certified fire-safe to API 6FA, Bs6755, and ISO 10497
- Selected for corrosive, erosive, and aggressive pipeline service

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WKM SAF-T-SEAL SLAB GATE VALVE

Specifications

The WKM Saf-T-Seal gate valve's through-conduit design provides these specific advantages resulting in reliable performance and long life:

- Protection of seat faces
- Smooth, continuous conduit for flow
- Block-and-bleed capability
- Commonly used applications



WKM SAF-T-SEAL SLAB GATE VALVE IS A SIMPLE, YET RUGGED AND RELIABLE, THROUGH-CONDUIT VALVE. IT UTILIZES TWO FLOATING SEATS TO PROVIDE A COMPLETE SEAL WITH THE GATE. EACH SEAT CONTAINS A METAL SEAT FACE PLUS A PERIPHERAL SEAL. THE FULL BORE DESIGN HAS THE SAME PRESSURE DROP AS AN EQUIVALENT LENGTH OF PIPE AND ALLOWS PASSAGE OF ALL TYPES OF SCRAPERS (PIGS).

(281)595-3474 * (281) 595-3475 Fax
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