

# ELITE VALVE E53RL HEAVY SLURRY VALVE

QUALITY, PERFORMANCE, SAFETY

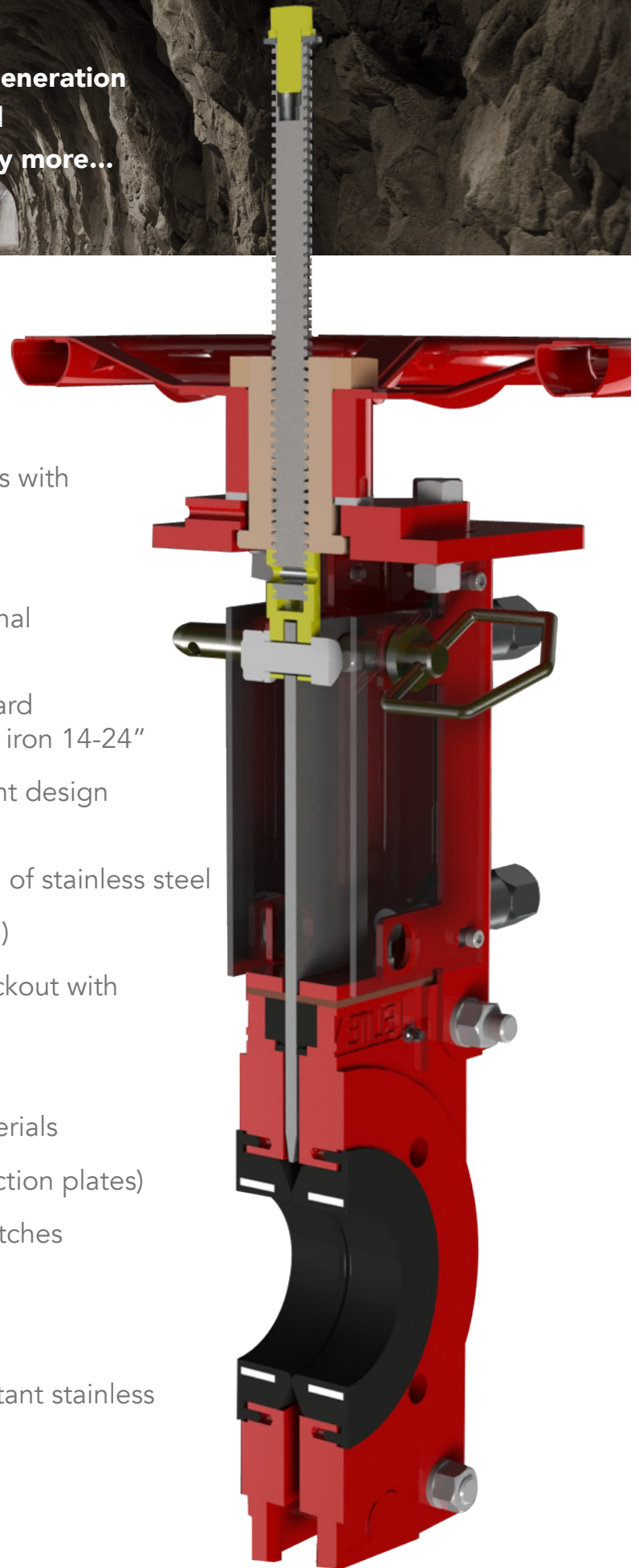
**EliteValve**  
[www.elitevalve.com](http://www.elitevalve.com)



## APPLICATIONS

- Mining
- Cement, Sand and Gravel
- Coal, Fly Ash & Bottom Ash
- Power Generation
- Chemical
- And many more...

- Corrosion resistant stainless steel ACME thread
- Positive open & close stops
- Universal ISO 5211 mounting for gears & actuators with drive mount cylinders
- Heavy bronze drive bushing
- Standard 316SS polished & beveled gate – optional materials available
- Investment cast WCB wafer body available standard ANSI 150, & optional DIN pattern (2-12") - Ductile iron 14-24"
- Color coded & highly visible clevis with easy mount design with stem stroke adjuster
- Standard acrylic dust cover plates, with the option of stainless steel
- Self releasing lubricant wiper seal (patent pending)
- Heavy safety locking pins that will accept gang lockout with heavy open & close position brackets
- Easily accessible grease fittings
- Reinforced natural rubber seats with optional materials
- Large open clean out area (optional cover & collection plates)
- Direct mounting holes for open & close target switches
- Optional body flush & purge ports
- Optional fabricated stem covers
- Powder coated body with optional corrosion resistant stainless steel bodies available





## E53RL VALVE FEATURES



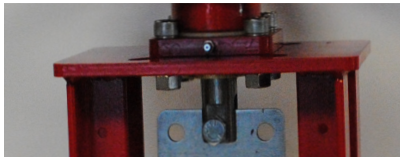
Elite Valve offers protective accordion fabric stem covers as a standard feature.



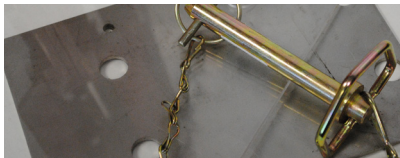
Our formed seat rings provide an integral gasket surface, no additional gaskets are required.



A heavy cast WCB body offers maximum strength with maximum durability over ductile iron body designs, available on 2" to 12" sizes, ANSI & DIN bolt. Larger sizes (14" to 24") are offered as a standard in ductile iron, (optional body materials include 300 series stainless steels).



Standard fabricated steel yoke offers a robust design, while incorporating many safety features along with a corrosion protected powder coat finish.



We make standard a heavy 5/8" safety lockout bolt which accepts gang locks. Included are mounting holes for position target position switches.



Our yoke plates are designed to ISO 5211 to suit most types of actuators, including bevel gears, electric, pneumatic and hydraulic actuators.



No more fighting with misaligned bolt holes as our one piece yoke design makes it simple to perform field alternates or maintenance without dis-assembling the entire valve.

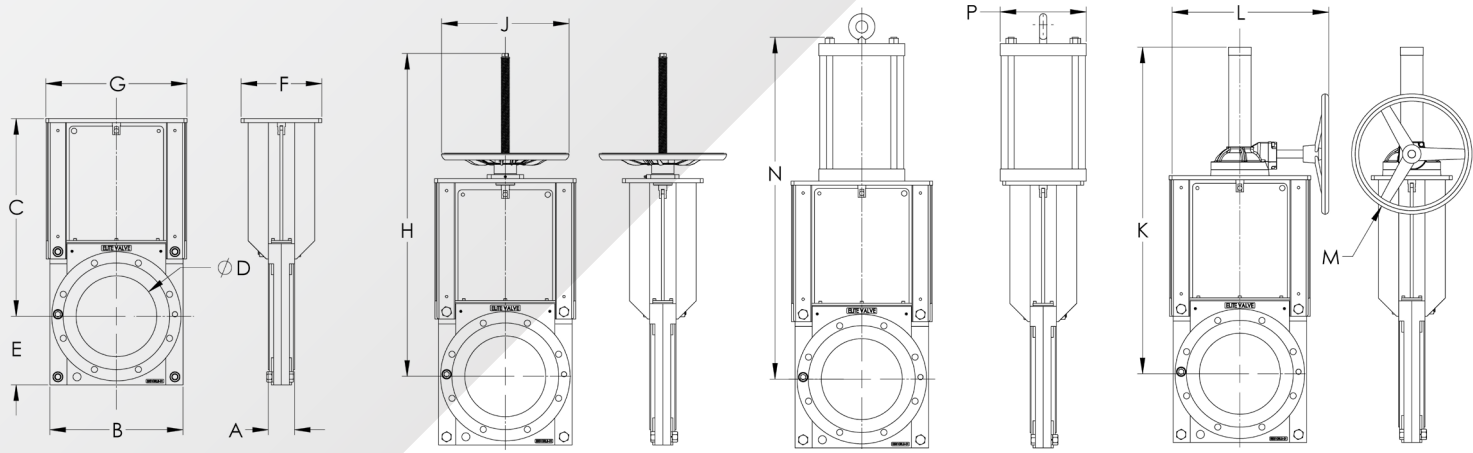


Our natural rubber seats have a totally encapsulate steel reinforcing ring to transmit thrust forces, with no exposed metal components.



Optional gate materials, as well as abrasion resistant coatings available.

# E53RL VALVE TECHNICAL SPECIFICATIONS



Valve Size		All Operators					Handwheel Only		Bevel Gear Operator Only		Pneumatic Cylinder Only		
Port Diameter	Face-Face	Width	Port Opening to Top of yoke	Port Opening to Bottom	Yoke Thickness	Yoke Width	Port to Top of Stem	Handwheel Diameter	Port to Top of Cover	Overall Width	Handwheel Diameter	Port to top of Cylinder	Cylinder Width
ØD	A	B	C	E	F	G	H	ØJ	K	L	ØM	N	P
2	2.125	7.00	11.50	4.38	6.00	8.25	18.25	12.00	21.25	15.88	12.00	18.50	4.50
3	2.250	8.00	12.50	5.00	6.00	9.00	20.50	12.00	23.25	16.00	12.00	20.50	4.50
4	2.250	9.50	14.62	5.38	6.00	10.75	24.00	12.00	24.75	16.88	12.00	24.12	4.50
6	2.500	11.50	17.50	6.00	6.50	11.75	29.00	12.00	32.50	16.75	12.00	29.00	6.50
8	3.000	14.00	21.12	7.25	9.00	15.25	34.50	16.00	36.00	19.25	16.00	35.62	8.50
10	3.000	16.50	24.50	8.50	10.00	17.50	40.00	16.00	43.25	23.88	16.00	42.25	10.62
12	3.250	19.00	27.88	9.75	11.00	20.25	45.50	16.00	48.25	28.88	16.00	47.88	12.75
14	3.500	21.50	31.62	11.00	12.50	22.00			52.00	29.62	16.00	55.12	14.75
16	4.000	24.00	35.38	12.25	14.38	25.00			60.00	32.00	20.00	60.88	17.00
18	4.062	26.00	39.38	12.50	16.00	27.50			65.75	33.62	20.00	67.38	19.00
20	5.125	28.50	43.38	14.50	17.50	30.00			70.50	35.00	24.00	75.38	21.00
24	5.188	33.50	47.75	17.00	18.50	35.00			78.50	41.00	24.00	82.75	25.00

NOTE: Allow an additional 10% of face to face (A) for installation

## ORDERING INFORMATION

E53	R	L	2	3	F	W	W	03
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
Series	Seat	Design	Body	Gate	Topworks	Wiper	Operator	Size
E5300	R - Rubber	L - Ansi 150 wafer	2- WCB Investment 2-12"	1 - 316 SS	F - Steel formed Angle Plates	W - Natural Rubber Wiper	W - Handwheel	2 to 24"
	N - Cast Urethane		3 - 304 SS Investment 2 - 12"	2 - RC50 Hardened		X - Special	G - Gear	Insert XX i.e 03 or 12
			4 - Ductile Iron 14 - 24"	3 - Duplex SS 2505	S - Stainless formed plates	C - Pnuematic		
				4 - Inconel 625		E - Electric		
				5- Hastelloy C275		H - Hydraulic		
			X - Special					

- Inquire for add on options
- Target Switches
  - Drain Collection Pan
  - Purge Ports in seat cavity
  - Gate Gards
  - Stem Covers

Contact your local sales representative for more information on this and many other Elite Valve products.

To find a representative in your area please visit our website for a full list of Elite Valve suppliers.

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Find us online!

elitevalve.com

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