



**ENTORNO
INDUSTRIAL**

 **Chemineer**

QED^{Plus}

Reliable Performance

Unbeatable Value



QED^{Plus} — the Proof is in the Performance

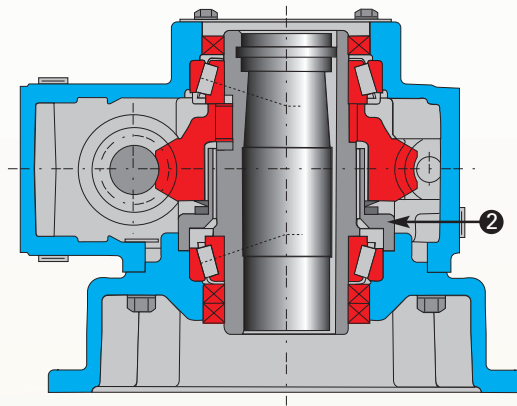
The QED^{Plus}™ top entry mixer line is the optimum performer for mid-range fluid mixing applications. This robust design can handle blending, solids suspension and high viscosity applications. QED^{Plus} is well suited for processes demanding performance and value.

The QED^{Plus} is ideal for your mixing requirements where:

- Applications require higher mid-range torque than the traditional small mixer can provide
- The Chemineer Model 20 (see bulletin 705) is larger than your application requires
- Overhead limitations or withdrawal heights are a concern

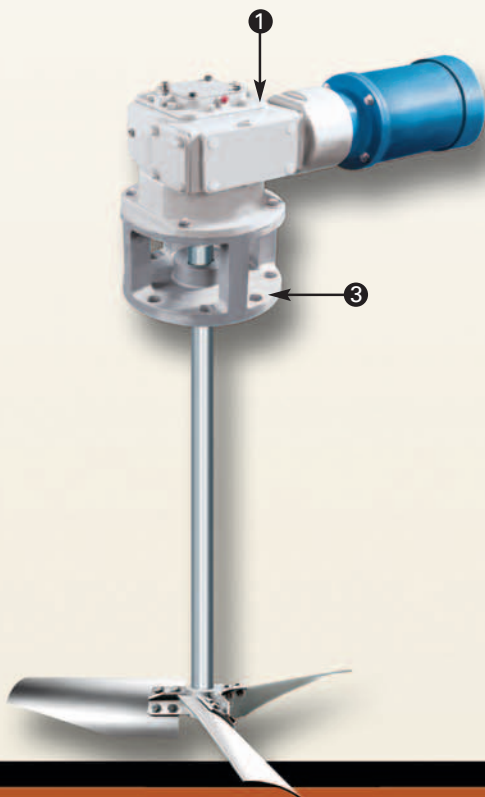
To ensure rapid response to your requests, Chemineer utilizes its industry-leading, process and mechanical design software to quickly generate solutions, complete with quotations, custom assembly/dimension drawings and design loads in either paper or electronic formats.

Exceptional engineering resources, including Computational Fluid Dynamics and Laser Doppler Anemometry, are applied to provide superior custom designs that address your process challenges.

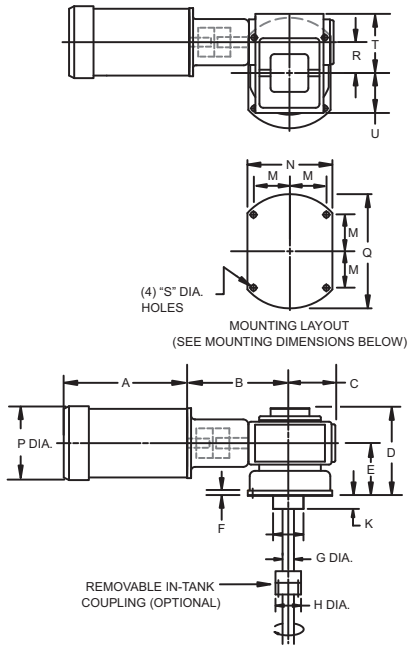


The QED^{Plus} line of mixers provides these high performance features:

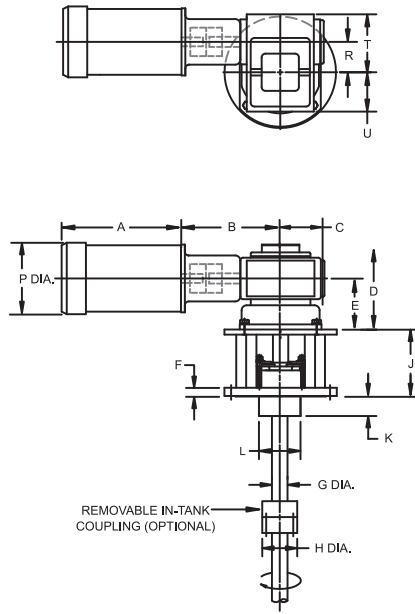
- Selections through 7.5 hp
- Flexible selection of output speeds: 17 to 175 rpm
- Shaft diameters through 2 1/2 inches
- NEMA or IEC frame motors
- Multiple sizes for continuous or batch mixing
- Full selection of impellers for blending, solids suspension, viscous and gas dispersion applications. See our impeller brochure 710 for more information.
- Right angle, heavy-duty worm gear drive for low head room installations (see 1 at left)
- Gear drive dry well seal that prevents output shaft leakage (see 2 above)
- Rugged cast iron drive housing for long-life service
- 316L stainless pedestal for maximum corrosion resistance (see 3 at left)
- Open tank (beam mount), stuffing box and lip seal options
- Steady bearing designs available for deep tanks
- Optional in-tank shaft coupling for ease of installation/maintenance
- Carbon steel or 316 stainless wetted parts as standard; high alloys, polish and coatings provided upon request
- ANSI or DIN flanges
- Controls and monitoring devices available
- Engineered solutions upon request



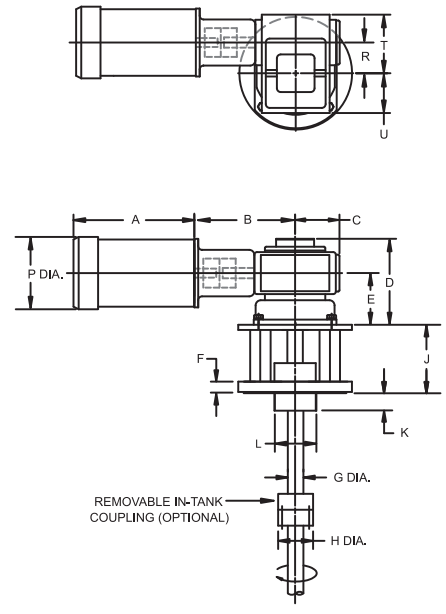
Dimensions



QED-D
Open Tank



QED-A
Flange Mount
with Stuffing Box



QED-L
Flange Mount
with Lip Seal

Dimensions Chart

Case Size	B			C	D	E	F	G	H	J	K	L	R	T	U
	140TC	180TC	210TC												
1	9.75"	—	—	4.625"	8.9375"	5"	1"	1.5"	4.375"	6.5"	1.75"	3.75"	3"	5.5"	3.5"
2	10"	11.125"	—	5.0625"	8.6875"	5"	1"	2"	5.375"	6.5"	1.75"	3.75"	3.5"	6.125"	4"
3	10.8125"	11.9375"	13.0625"	5.875"	10.3125"	5.75"	1.125"	2.5"	5.75"	6.625"	1.75"	4.25"	4.25"	7.125"	4.375"

Motor Dimensions

(for totally enclosed and explosion-proof,
1750 rpm motors)

HP	FRAME	A	P
1, 1.5, 2	140TC	12"	8"
3 & 5	180TC	14"	10"
7.5	210TC	18"	12"

Mounting Dimensions

CASE SIZE	M	N	Q	S
1	3.25"	8"	10.75"	.5625"
2	3.53125"	9"	11"	.5625"
3	4.0625"	10.5"	13"	.6875"

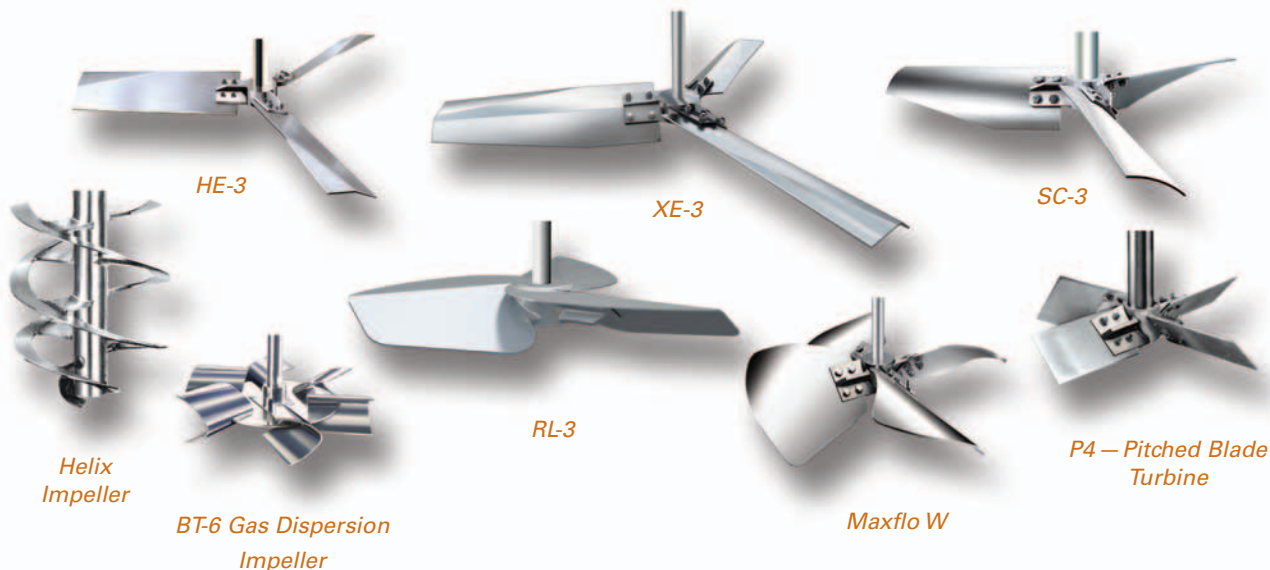
Impeller Technology

Chemineer's impeller technology is effectively applied across your spectrum of applications ensuring successful, repeatable results from lab scale to full scale operations.

Chemineer's mixing expertise includes high flow, low shear liquid-liquid/solids blending, gas dispersion,

high shear blending and viscous mixing. Whether it is R&D or production phase, we have the expertise to solve your mixing challenges.

Impeller bulletin, 710, is available with additional information.



Chemineer, Inc.
5870 Poe Avenue
Dayton, Ohio 45414
Telephone: (937) 454-3200
Email: chemineer@nov.com

Chemineer, Ltd.
7 Cranmer Road, West Meadows
Derby DE21 6XT, England
Telephone: 44-1-332-546700
Email: chemineeruk@nov.com

Chemineer China
Room 2005, Tower 1, Plaza Morden
369 Xianxia Road
Shanghai 200336 China
Telephone: 86-21-61240001
Email: chemineercn@nov.com

Bulletin 722



Chemineer, Inc.
125 Flagship Drive
North Andover, MA 01845
Telephone: (978) 687-0101
Email: navinfo@nov.com
www.kenics.com
www.greercomixers.com

Chemineer International Sales Offices:

Brazil
Mexico
Singapore

Your Local Contact:

ENTORNO INDUSTRIAL, S.A. DE C.V.

Juan Sarabia No. 205. Col. Nueva Santa María. 02800 México, D.F.
Tels.: (55) 5356-7206 • Fax: (55) 5356-7209
e-mail: ventas@entorno-industrial.com • direccion@entorno-industrial.com www.entorno-industrial.com

For the nearest sales office call 1-800-643-0641 or go to www.chemineer.com

National Oilwell Varco has produced this brochure for general information only, and it is not intended for design purposes. Although every effort has been made to maintain the accuracy and reliability of its contents, National Oilwell Varco in no way assumes responsibility or liability for any loss, damage or injury resulting from the use of information and data herein. All applications for the material described are at the user's risk and are the user's responsibility. All brands listed are trademarks of National Oilwell Varco.