

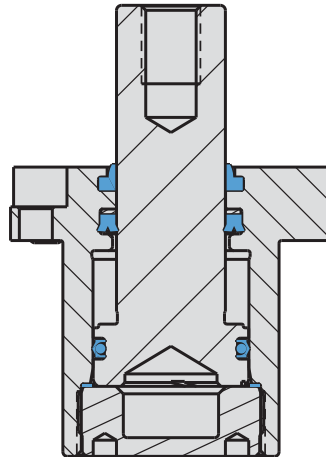
Cylinders

Easy Mount Cartridge

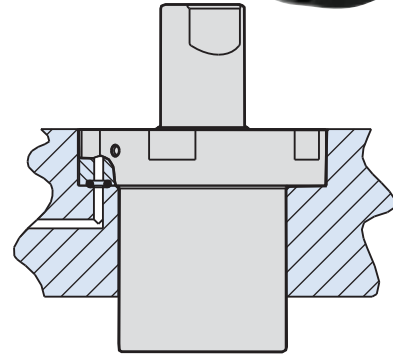
Manifold Cartridge Cylinder

Double Acting

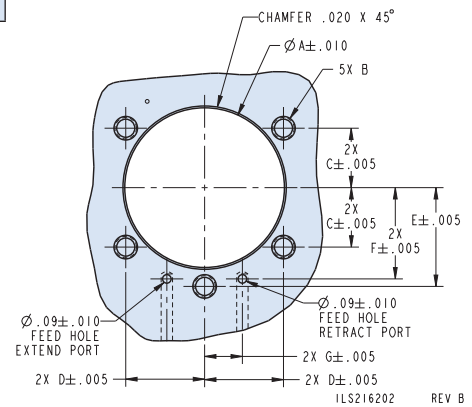
- No leak, Top Flange, Compact Cartridge Cylinder.
- Easy to make, simple cavity with no special bore finish requirement.
- Clamp and unclamp circuits feed through O-ring face seals.
- All cylinder sealing surfaces Vekttek made.
- BHC™ on cylinder bodies.



ILS216200 REV D



ILS216203 REV A



F-18

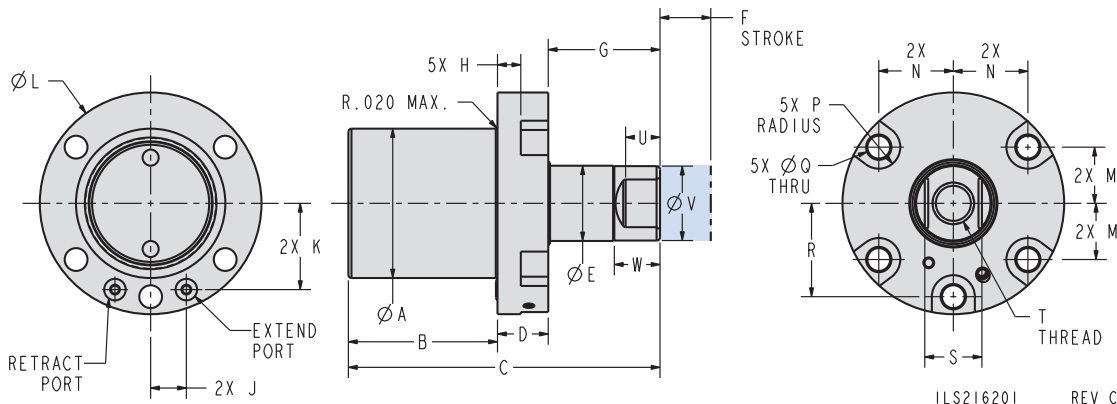
Model No.	Cylinder Capacity (lb.)**		Stroke (in.)	Effective Piston Area (sq. in.)		Oil Capacity (cu. in.)	
	Extend	Retract		Extend	Retract	Extend	Retract
Double Acting (D/A) Cylinders, actuated hydraulically both directions							
21-6213-02	6100	3100	0.59	1.231	0.630	0.726	0.372

** Cylinder capacities are listed at 5,000 psi maximum operating pressure. The output force is adjustable by varying the hydraulic system pressure. Cylinder force can be adjusted by changing the hydraulic pressure to the cylinder. To determine approximate output force for your application, multiply the piston area by your system operating pressure. (Actual force may vary slightly due to friction loss, seal and wiper drag, and/or return springs.)

Mounting Dimensions

Model No.	Capacity	A	B	C	D
21-6213-02	6100/3100	1.754	1/4-20	0.653	0.867
Model No.	Capacity	E	F	G	
21-6213-02	6100/3100	1.085	1.003	0.415	

For proper sealing, mating surface must be flat within 0.003 in. with a maximum 63 μ in. R_a surface finish.



Dimensions

Model No.	A	B	C	D	E	F	G	H	J	K	L	M
Double Acting (D/A) Cylinders, actuated hydraulically both directions												
21-6213-02	1.74	1.73	3.62	0.59	0.875	0.59	1.30	0.27	0.42	1.00	2.577	0.65
Model No.	N	P	Q	R	S	T	U	V	W			
Double Acting (D/A) Cylinders, actuated hydraulically both directions												
21-6213-02	0.87	0.25	0.27	1.09	0.66	1/2-20 UNF Depth 0.63	0.40	0.87	0.53			